Dr Jelena Radjenovic, Dipl.-Ing.

Curriculum vitae

PERSONAL INFORMATION

Jelena Radjenovic
Born July 23rd 1980 in Belgrade, Serbia
Nationality: Serbian, Australian; permanent resident in Spain
https://www.icrea.cat/Web/ScientificStaff/jelena-radjenovic-273979

SUMMARY

I graduated in 2004 in Biochemical Engineering at the University of Belgrade, Serbia. I received a PhD from the University of Barcelona in July 2009 with "cum laude" distinction. Shortly after, I moved to the University of Queensland (UQ), Australia, where electrochemical water treatment systems became my primary research interest. From 2009-2014 I worked at the Advanced Water management Centre (AWMC), UQ, where I established a new research line in Next Generation Technologies, which is still existing. In 2014, I relocated to the Catalan Institute for Water Research (ICRA), Spain, with a Marie-Curie fellowship. I was awarded with a Ramón and Cajal fellowship in 2015. In 2017, I obtained an ICREA Research Professor position. I was awarded the Catalonian National Research Award for Young Talent for 2021.

My research interests are at the interface of electrochemistry, nanotechnology, water treatment and chemistry, focused on the development of nanostructured electrode materials to achieve energy-efficient removal of persistent pollutants from water. The long-term goal of my research is developing cost-effective, safe, chemical-free, and sustainable water treatment technologies that are efficient in eliminating persistent, toxic and carcinogenic chemicals from our water cycle. This work is largely funded through the European Research Council (ERC) Starting Grant ELECTRON4WATER (2017-2023) and Proof of Concept Grant GRAPHEC (2023-2024). The recently developed and patented low-cost graphene sponge electrodes enable for the first time an efficient electrochemical treatment of complex and saline waste streams contaminated by per- and polyfluoroalkyl substances (PFAS), which have been a cause of global concern for the past 20 years and are resistant to all advanced water treatment options. This work will be further commercialized through a spin-off company GRAPHEC, impulse by the recently awarded European Innovation Council (EIC) Transition Grant FOREVER-WATER (2025-2028).

Moreover, with the recently awarded ERC Consolidator Grant ELECTROmonoLITH (2024-2029) the work of my group is expanded towards the development of electrochemical systems for the recovery of valuable resources (e.g., critical raw materials) from the industrial waste streams. In my quest for interdisciplinary research in material science, electrochemistry, water treatment engineering and high-resolution mass spectrometry of organic contaminants, I have established collaborations in US, Australia, Germany, Netherlands, and other countries.

MAIN ACHIEVEMENTS

- Awarded with ***European Innovation Council (EIC) Transition Grant***, 2025. FOREVER-WATER. 2.5 million €.
- Awarded with ***European Research Council (ERC) Consolidator Grant***, 2023. ELECTROmonoLITH. 2 million €.
- Awarded with ***ERC Proof of Concept Grant***, 2023. GRAPHEC. 150,000 €.
- Awarded with the ***FCRi Catalan National Research Award for Young Talent, 2021***. Catalonia receives >40% of ERC grants in Spain.
- Awarded with ***ERC Starting Grant***, 2016. ELECTRON4WATER, 1.5 million €.
- Awarded with ***three prestigious and highly competitive post-doctoral fellowships***:
  - Early Career Smart Future Fellowship, 2012. Queensland Government Australia.
  - Marie Curie International Incoming Fellowship, 2013. European Commission (EC), Spain.
  - Ramón y Cajal Fellowship, 2015. Spanish Government, Spain.
- ***75 scientific publications*** including 68 peer-reviewed ISI publications and 7 book chapters; in total >6,900 citations (Scopus database, 11/2024),
- ***H-index = 39.***
- ***Leader of the AIII.3 Next generation and nature-based technologies research line*** at ICRA.
- ***16 PhD thesis supervised*** (12 as principal advisor).
- ***>90 participations at international conferences, seminars, workshops***, >20 invited and keynote lectures; scientific committee of multiple conferences.

CURRENT POSITION

01/2018-present: ICREA Research Professor at ICRA (Catalan Institute for Water Research, www.icra.cat), Spain.

ICREA (Catalan Institution for Research and Advanced Studies, www.icrea.cat) is a foundation supported by the Catalan Government for competitive hiring of extraordinary scientists and academics.

PREVIOUS POSITIONS

05/2022-08/2022: Visiting scholar at the Berkeley Water Centre, University of California (UC), Berkeley, US.

04/2016-12/2017: Ramon y Cajal Research Fellow, ICRA, Spain.

11/2014-04/2016: Marie Curie Research Fellow, ICRA, Spain.

01/2013-09/2014: Research Fellow and leader of the Environmental Electrochemistry group, Australian Centre for Water and Environmental Biotechnology (ACWEB), The University of Queensland (UQ), Australia.

09/2009-12/2012: Postdoctoral Research Fellow, ACWEB-UQ, Australia.

01/2005-07/2009: PhD student, Institute of Environmental Assessment and Water

Research (IDAEA), CSIC, Spain.

EDUCATION

07/2009: **PhD in Environmental Chemistry**, Thesis title: "Fate and behaviour of pharmaceutical residues in wastewater and drinking water treatment", ***cum laude*** **distinction**.
Institute of Environmental Assessment and Water Research (IDAEA), Spanish National Research Council (CSIC), Spain.
Supervisors: Damia Barceló Culleres, Mira Petrovic.

09/2004: **Dipl.-Ing. in Biochemical Engineering and Biotechnology, valedictorian student in 2004 (GPA 9.75/10)**
Faculty of Technology and Metallurgy, The University of Belgrade, Serbia.

FELLOWSHIPS AND AWARDS

- ERC Consolidator Grant ELECTROmonoLITH, 11/2023 (awarded).
- ERC Proof of Concept Grant GRAPHEC, 02/2023.
- Catalan National Research Award for Young Talent, 2021.
- ICREA Research Professorship, Catalan Government. 01/2018.
- ERC Starting Grant ELECTRON4WATER, 05/2017.
- Ramon y Cajal Fellowship, Spanish Government (10% success rate), 06/2015.
- Marie Curie International Incoming Fellowship, EC (14% success rate), 02/2014.
- Early Career Smart Future Fellowship, Queensland Government (6% success rate), 02/2012.
- JAE pre-doctoral fellowship, Spanish Government. 01/2005.
- Multiple awards and competitive scholarships during the undergraduate studies as one of the top students in the country; Honour of the best student graduated in the year 2004, Faculty of Technology and Metallurgy, Belgrade University; Reward of the Government of Republic of Serbia, awarded to 500 best students of Belgrade University. 2001; Scholarship from the Ministry of Science, Research and Technology, Government of Republic of Serbia. 09/2002-09/2004; Scholarship for Excellent Academic Performance of Faculty of Technology and Metallurgy, Belgrade University. 09/2000-09/2003.

PROJECTS (own fellowship projects are excluded)

- **J Radjenovic** (principal investigator, PI - ICRA). Nick Duinslaeger. Destruction of forever chemicals in water using chemical-free water treatment System (FOREVER-WATER). European Innovation Council (EIC) Transition Grant**.** €2,487,471 (€1,554,735 ICRA). Expected 05/2025-04/2028.
- **J. Radjenovic** (principal investigator, PI - ICRA). Nick Duinslaeger. GENerate in Europe a Sustainable Industry for Semiconductor (GENESIS). HORIZON-JU-Chips-2024-2-RIA. €380,000. Expected 06//2024-05/2027.
- **J. Radjenovic** (PI, ICRA). Electrochemical destruction of polymeric per- and polyfluoroalkyl substances (PFAS) using functionalized graphene sponge electrodes (ElectroPoly). Product - 2024 Knowledge Industry. Catalan Government. € 150,000. Expected 01/12/2024-31/05/2026.
- **J. Radjenovic** (principal investigator (PI), ICRA). Selective electrochemical separation and recovery of lithium and other metals using tailored monolith electrodes (ELECTROmonoLITH). **ERC Consolidator**. EC. ICRA. € 1,998,615.

Expected 01/06/2024-31/05/2029.

- M. Pijuan (PI), **J. Radjenovic** (co-PI, ICRA). Boosting sustainable second-generation protein production from methane through mixed culture methylotrophs (METPRO). Spanish Ministry of Science and Innovation Proyectos de Generación de Conocimiento. €212,500. 01/09/2023-31/08/2026.
- **J. Radjenovic** (PI, ICRA). Scalable Graphene-enabled ElectroChemical Treatment for Complete Destruction of "Forever Chemicals" in Contaminated Water (GRAPHEC). **ERC Proof of Concept**. EC. ICRA. €150,000. 01/06/2023-30/11/2024.
- **J. Radjenovic** (lead PI, ICRA), J. Comas, S. Rodriguez-Mozaz. Towards water circular economy protection from the threat caused by persistent, mobile and toxic chemicals - Subproject 1 (NePMTune), Spanish Ministry of Science and Innovation Proyectos de Transición Ecológica y Transición Digital. ICRA. €184,000. 01/12/2022-30/06/2025.
- E. Cuervo Lumbaque (MSCA postdoctoral fellow), **J Radjenovic** (lead PI). Functionalized low-cost graphene sponge electrodes for sustainable water treatment and complete defluorination of per- and polyfluoroalkyl substances (PFAS) (FOCUS4PFAS), HORIZON-MSCA Postdoctoral Fellowships, €165,313. 01/09/2023-31/08/2025.
- Dj. Kerkez (project coordinator), **J. Radjenovic** (lead PI, ICRA), M. Pijuan, M. Petrovic, M.J. Farré. Twinning for smart water – thinking and rethinking wastewater management in circular economy frame (SmartWaterTwin). HORIZON-WIDERA action, European Commission (EC). ICRA. €249,677. 2022-2025.
- O. Gutierrez (project coordinator), M. Pijuan, Ll. Corominas, **J. Radjenovic** (team members). *Spread Sewer Sensing for Sustainable Management (4SM).* Spanish Ministry of Science and Innovation Proyectos I+D+i colaboración público-privada. ICRA. €300,000. 12/2022-11/2024.
- **J. Radjenovic** (lead PI), M. Pijuan. *Analysis of antibiotic resistance and micropollutants biotransformation: bioRGO-enhanced anaerobic MBR and elucidation of degradation products (ANTARES).* Spanish Ministry of Science and Innovation Proyectos I+D+i Retos Investigación. ICRA. €137,335. 06/2020-06/2023.
- M. Petrovic (project coordinator), **J. Radjenovic**, W. Gernjak (principal PhD advisors). *Joint PhD Laboratory for New Materials and Inventive Water Treatment Technologies. Harnessing resources effectively through innovation (NOWELTIES).* MC ITN European Joint Doctorate, EC. ICRA. 02/2019-02/2023. €750,000.
- **J. Radjenovic** (principal project engineer), M. Pijuan. *Nitrogen extraction from water by an innovative electrochemical system (NEWBIES).* LIFE programme, EC. ICRA. 06/2018-12/2022. €97,307.
- **J. Radjenovic** (PI). *Three-dimensional nanoelectrochemical systems based on low-cost reduced graphene oxide: the next generation of water treatment systems (ELECTRON4WATER).* **ERC Starting Grant**, EC, ICRA, 05/2017-06/2023. €1,493,734.
- I. Rodriguez-Roda (project coordinator), M. Pijuan, O. Gutierrez, **J. Radjenovic**, W. Gernjak. Smart decentralized water management through a dynamic integration of technologies (WATINTECH). Water Joint Programming Initiative, Waterworks 2014, ICRA, 04/2016-04/2019. €220,000.
- O. Gutierrez, **J. Radjenovic** (PI). *Elimination of sewer corrosion by electrocoagulation with sacrificial iron anode. hydrogen sulfide from wastewater.* Research contract with Fomento Agrícola Castellonense S.A. (FACSA). 09/2016-

12/2016. €13,300.

- W. Gernjak (lead PI), **J. Radjenovic** (co-PI). *Efficient technologies for removal of contaminants of emerging concern, listed in 2013/39/CE Directive or significant risk substances according to 2008/105/CE Directive (TRICERATOPS)*. Spanish Ministry of Economy and Competitiveness, ICRA, 01/2016-01/2019. € 175,450.
- **J. Radjenovic** (PI). *Reductive electrochemical remediation of persistent organic pollutants (POPs) using quinone mediators*. Early Career Research Grant, The University of Queensland, 01/2011-01/2012. AU$25,000.
- **J Radjenovic** (PI). *UV/H_2O_2 oxidation: study of reaction mechanisms and structural elucidation of degradation products of selected contaminants*. New Staff Start-up Grant, The University of Queensland. 06/2010-06/2011. AU$12,000.
- K. Rabaey (principal investigator), **J. Radjenovic** (project manager and scientist in charge). *Electrochemical treatment of problematic water recycle waste streams*. The University of Queensland. 09/2009-09/2012. AU$600,000.
- K. Rabaey, J. Keller, L. Nielsen, S. Freguia, **J. Radjenovic**, D. Batstone, J. Kroemer, C. Vickers, Z. Yuan. *Multichannel potentiostats to drive microbial and electrochemical production process.* The University of Queensland, 2011. AU$135,000.
- J. Keller, D. Batstone, Z. Yuan, W. Gernjak, M.J. Farre, **J. Radjenovic**, M. Lawrence, B. Keller, J. Mueller, B. Escher, W. Clarke, A. Grinham, L. Wang. *A facility to characterize disinfection byproducts and dissolved organic matter in potable water and potable water resources*. The University of Queensland, 2010. AU$220,000.

SUPERVISION OF PhD STUDENTS AND POSTDOC FELLOWS

(1) **PhD Thesis:** Aditya Anand, Development of monolith electrodes for electrochemically switched ion exchange and recovery of lithium. 12/2024-ongoing. Supervisors: **J. Radjenovic**, E. Cuervo Lumbaque. ICRA.

(2) **PhD Thesis:** Lidiya Yudina, Development and optimization of electrochemical systems for the recovery of cobalt. Supervisor: **J. Radjenovic**. ICRA.

(3) **PhD Thesis:** Milagros Peña, Development of a population of methanotrophic bacteria to produce proteins from methane. FPI Grant, 03/2024-ongoing. Supervisors: M. Pijaun, **J. Radjenovic**. ICRA.

(4) **PhD Thesis:** Anna Segués Codina, *Novel graphene-based systems for point-of-use disinfection and treatment of water*. 11/2020-ongoing. Supervisors: **J. Radjenovic (principal advisor)**. ICRA

(5) **PhD Thesis:** Natalia Ormeño Cano, *Development of graphene-based electrodes for the removal of antibiotics and antibiotic resistance genes (ARGs) from water*. 06/2020-ongoing. Supervisors: **J. Radjenovic (principal advisor)**. ICRA.

(6) **PhD Thesis:** Oriol Casabella Font, Role and impact of biologically reduced graphene oxide on the anaerobic biotransformation of organic and inorganic contaminants, FI Grant-AGAUR, 05/2021-12/2024. Supervisors: **J. Radjenovic (principal advisor)**, M. Pijuan. ICRA.

(7) **PhD Thesis:** Michele Ponzelli, *Design of hybrid nano-engineered bioprocesses for wastewater treatment*. 09/2019-12/2023 Supervisors: **J. Radjenovic (principal advisor)**, J. Drewes. ICRA and TU Munich, Germany.

(8) **PhD Thesis:** Camilo Sanchez Tobon, A green microwave-assisted synthesis of Au/TiO2/graphene oxide nanohybrids for visible light-induced photocatalysis.

Cum laude. 09/2019-03/2024 Supervisors: L. Curkovic, D.Ljubas, **J. Radjenovic**. University of Zagreb, Croatia and ICRA

(9) **PhD Thesis:** Nick Duinslaeger, *Electrochemical systems for the removal of per- and poly-fluoroalkyl substances (PFASs) from water*. *Cum laude.* 09/2019-06/2024 Supervisors: **J. Radjenovic (principal advisor)**. ICRA.

(10) **PhD Thesis**: Giannis Florjan Norra, Development of three-dimensional electrochemical systems for the degradation of persistent contaminants and disinfection. *Cum laude.* 05/2018-10/2024 Supervisors: **J. Radjenovic (principal advisor)**. ICRA.

(11) **PhD Thesis:** Natalia Sergienko, *Electrochemical control and minimization of hydrogen sulfide formation in anaerobic systems*. *Cum laude.* 07/2016-10/2021. Supervisors: **J. Radjenovic (principal advisor)**, O. Gutierrez. ICRA.

(12) **PhD Thesis:** Ali Farhat, *Electrochemical oxidation of recalcitrant organic compounds using electrogenerated sulfate radicals*. 02/2013-02/2017. Supervisors: **J. Radjenovic (principal advisor)**, S. Tait, J. Keller. AWMC-UQ.

(13) **PhD Thesis:** Arseto Bagastyo, *Electrochemical treatment of reverse osmosis concentrate generated in water recycling*. 09/2009-12/2012. Supervisors: **J. Radjenovic (principal advisor)**, D. Batstone, K. Rabaey. AWMC-UQ.

(14) **PhD Thesis:** Elisabet Andres Garcia, *Development of a novel decentralized wastewater treatment system based on combined adsorption and electrochemical oxidation in a 3D reactor*. 11/2013-05/2018. Supervisors: **J. Radjenovic (principal advisor)**, M. Agullo-Barcelo, W. Gernjak, J. Keller. AWMC-UQ.

(15) **PhD Thesis:** Emma Thompson Brewster, *Electrodialysis for the recovery of nutrients from wastewater*. 06/2013-03/2017. Supervisors: D. Batstone (principal advisor), C. Mehta, **J. Radjenovic**. AWMC-UQ.

(16) **PhD Thesis:** Yifeng Xu, *Biodegradation of selected pharmaceuticals by an enriched nitrifying sludge*. 11/2013-11/2017. Supervisors: B.-J. Nie (principal advisor), **J. Radjenovic**, Z. Yuan. AWMC-UQ.

(17) **Post-doc research fellow**: Dr Nick Duinslaeger (06/2024-ongoing)

(18) **Post-doc research fellow:** Dr Elisabeth Cuervo Lumbaque, 01/2021-ongoing, Juan de la Cierva fellowship (01/2023-09/2023), Marie-Sklodowska Curie Fellowship (09/2023-ongoing).

(19) **Post-doc research fellow:** Dr Jing Ma (06/2023-ongoing)

(20) **Post-doc research fellow:** Dr Reynel Martinez Castellanos, 04/2022-31/04/2023.

(21) **Post-doctoral research fellow:** Dr Natalia Sergienko, 10/2021-07/2022

(22) **Post-doc research fellow:** Dr Erdem Irtem, 06/2017-12/2018, now post-doc at TU Delft, Netherlands.

(23) **Post-doc research fellow:** Dr Luis Baptista-Pires, 09/2018-07/2020, now post-doc at the University of Aveiro, Portugal.

IMPACT OF SCIENTIFIC PUBLICATIONS

I have 68 peer-reviewed scientific publications and 7 book chapters, which have been cited >7,000 times, resulting in an H-index of 39 (www.scopus.com, 01/2025). The resulting average citation count of 92 citations per publication is significantly higher than the average citation count of 13.1 in the field of Engineering, and 17.0 in the field of Environment/Ecology (InCites Essential Science Indicators, 2024).

According to Thomson Reuters Journal Citation Reports, 66 out of 68 of my journal publications are in the first quartile (Q1) of the categories *Environmental Engineering*,

Environmental Science, *Analytical Chemistry*, Biotechnology & Applied Microbiology and *Multidisciplinary Sciences*. Furthermore, 46 of these publications are published in the top 10% journals in the *Environmental Engineering* field (total of 75 journals), i.e., *Applied Catalysis B: Environment and Energy* (ranked 1st; 5 papers), *Chemical Engineering Journal* (ranked 3rd; 7 papers), *Water Research* (ranked 6th; 18 papers), *Environmental Science and Technology* (ranked 7th; 8 papers), and *Journal of Hazardous Materails* (ranked 4th; 6 papers). Two publications are in *Trends in Analytical Chemistry*, ranked 3rd in the Analytical Chemistry field (total of 80 journals). Two of my journal publications (Radjenovic and Sedlak, *Environ. Sci. Technol*. 2015, cited 882 times; Radjenovic et al, *Water Res*. 2009, cited 1,029 times) were in the top 20 most cited articles of their respective journals.

PATENTS

- Patent ***Method to prepare a graphene coated sponge-based electrode, electrode obtained thereof and use of the electrode for water treatment***. J. Radjenovic, L Baptista-Pires, G.F. Norra, N. Duinslaeger, WO2022069621A1.
- Patent ***Method to prepare an electrode with a manganese oxide coated titanium oxide nanotube array interlayer, electrode obtained thereof, and uses of the electrode***. N. Sergienko, J. Radjenovic, 21-0584-EP. *Published but not pursued further.*

PUBLICATION LIST

Peer-reviewed journal publications

1) M. Ponzelli, K. Koch, J.E. Drewes, **J. Radjenovic**, S. Vinardell. **2024.** The ambivalent role of graphene oxide in anaerobic digestion: A review. ***Bioresource Technology*** 414, 131663. *JIF(2023)=9.7*
2) W. Jiang, Y. Duan, S.R.S. Bandaru, **J. Radjenovic**, D.L. Sedlak, B. Mi. **2024.** Inhibition of chlorinated byproducts formation by boron-doped rGO electrodes during electrooxidation of trace organic contaminants. ***Applied Catalysis B: Environment and Energy***. 124303. Journal Impact Factor, *JIF(2023)=20.2, Q1, ranked 1st/75 in Environmental Engineering.*
3) Garg, S., Atkinson, J., Bae, S., Chen, B., Deng, Y., Georgi, A., Hashisho, Z., Liu, H., **Radjenovic, J.**, Shuai, D., Tong, M. **2024.** A guide for JHM authors focusing on advanced oxidation and reduction processes for environmental applications-Journal of Hazardous Materials 476, 135263, *JIF(2023)=12.2.*
4) N. Ormeno-Cano, **J. Radjenovic**. **2024.** Electrochemical removal of antibiotics and multi-drug resistant bacteria using S-functionalized graphene sponge electrodes. ***Journal of Cleaner Production*** 470: 143245. *JIF(2023)=9.7*
5) O. Casabella-Font, M. Riva, J.L. Balcázar, **J. Radjenovic**, M. Pijuan. **2024.** Distinctive effects of graphene oxide and reduced graphene oxide on methane production kinetics and pharmaceuticals removal in anaerobic reactors. ***Bioresource Technology*** 403, 130849. *JIF(2023)=9.7*
6) E. Cuervo Lumbaque, **J. Radjenovic. 2023.** Electro-oxidation of persistent organic contaminants at graphene sponge electrodes using intermittent current. ***Chem Eng J*** 476, 146910. *JIF(2023)=13.3, Q1, 3rd/75 in Environmental Engineering.*
7) N. Sergienko, E. Cuervo Lumbaque, **J. Radjenovic. 2023.** (Electro)catalytic oxidation of sulfide and recovery of elemental sulfur from sulfide-laden streams.

Water Res 245, 120651. *JIF(2022)=12.8, Q1, 6th/75 in Environmental Engineering.*

8) A. Segues Codina, N. Sergienko, C.M. Borrego, **J. Radjenovic**. **2023.** Manganese oxide-functionalized graphene sponge electrodes for electrochemical chlorine-free disinfection of tap water. ***Chem Eng J*** 472, 145082. *JIF(2022)=15.1, Q1, 3rd/75 in Environmental Engineering.*
9) N. Duinslaeger, A. Doni, **J. Radjenovic**. **2023.** Impact of supporting electrolyte on electrochemical performance of borophene-functionalized graphene sponge anode and degradation of per- and polyfluoroalkyl substances (PFAS). ***Water Res*** 242, 120232. *JIF(2022)=12.8, Q1, 6th/75 in Environmental Engineering*.
10) O. Casabella-Font, M. Ponzelli, M. Papapanou, J.L. Balcazar, M. Pijuan**, J. Radjenovic. 2023.** Impact of graphene oxide addition on pharmaceuticals removal in anaerobic membrane bioreactor. ***Bioresource Technol*** 383, 129252. *JIF(2022)=11.4, Q1, 11th/170 in Biotechnology & Applied Microbiology*.
11) N. Sergienko, E. Cuervo Lumbaque, N. Duinslaeger, **J. Radjenovic**. **2023.** Electrocatalytic removal of persistent organic contaminants at molybdenum doped manganese oxide coated TiO_2 nanotube-based anode. ***Appl Catal B Environ*** 334: 122831. *JIF(2022)=22.1, Q1, 1st/75 in Environmental Engineering*
12) O. Casabella-Font, S. Zahedi, M. Gros, J. L. Balcazar, **J. Radjenovic**, M. Pijuan. **2023.** Graphene oxide addition to anaerobic digestion of waste activated sludge: Impact on methane production and removal of emerging contaminants. ***Environ Pollut*** 324: 121343. *JIF(2022)=8.9, Q1, 29th/334 in Environmental Science.*
13) I. Velo-Gala, M.J. Farré, **J. Radjenovic**, W. Gernjak **2023.** Influence of water matrix components on the UV/chlorine process and its reactions mechanism. ***Environ Res*** 218: 114945. *JIF(2022)=8.3, Q1, 32nd/334 in Environmental Science.*
14) M. Ponzelli, S. Zahedi, K. Koch, J.E. Drewes, **J. Radjenovic. 2022.** Rapid biological reduction of graphene oxide: Impact on methane production and micropollutant transformation. ***J Environ Chem Eng*** 10(5): 108373. *JIF(2022)=7.7, Q1, 12th/75 in Environmental Engineering.*
15) M. Ponzelli, **J. Radjenovic**, J.E. Drewes, K. Koch. **2022.** Enhanced methane production kinetics by graphene oxide in fed-batch tests. ***Bioresour Technol*** 360: 127642. *JIF(2022)=11.4, Q1, 11th/170 in Biotechnology & Applied Microbiology.*
16) E. Cuervo Lumbaque, L. Baptista-Pires, **J. Radjenovic. 2022.** Functionalization of graphene sponge electrodes with two-dimensional materials for tailored electrocatalytic activity towards specific contaminants of emerging concern. ***Chem Eng J*** 446: 137057. *JIF(2022)=15.1, Q1, 3rd/75 in Environmental Engineering.*
17) F. Ferrari, M. Pijuan, S. Molenaar, N. Duinslaeger, T. Sleutels, P. Kuntke, **J. Radjenovic. 2022.** Ammonia recovery from anaerobic digester centrate using onsite pilot scale bipolar membrane electrodialysis coupled to membrane stripping. ***Water Res*** 218,118504. *JIF(2022)=12.8, Q1, 6th/75 in Environmental Engineering.*
18) N. Duinslaeger, **J. Radjenovic. 2022.** Electrochemical degradation of per- and polyfluoroalkyl substances (PFAS) using low-cost graphene sponge electrodes. ***Water Res*** 213: 118148. *JIF(2022)=12.8, Q1, 6th/75 in Environmental Engineering*.

19) N. Ormeno-Cano, **J. Radjenovic. 2022.** Electrochemical degradation of antibiotics using flow-through graphene sponge electrodes. ***J Hazard Mater*** 415: 125557. *JIF(2022)=13.6, Q1,* 3rd*/75 in Environmental Engineering.*
20) G.-F. Norra, L. Baptista-Pires, E. Cuervo Lumbaque, C. M. Borrego, **J. Radjenovic. 2022.** Chlorine-free electrochemical disinfection using graphene sponge electrodes. ***Chem Eng J*** 430: 132772. *JIF(2022)=15.1, Q1, 3rd/75 in Environmental Engineering.*
21) L. Baptista-Pires, G.-F. Norra, **J. Radjenovic. 2021.** Graphene-based sponges for electrochemical degradation of persistent organic contaminants. ***Water Res*** 203:117492. *JIF(2021)=13.4, Q1,* 6th*/73 in Environmental Engineering.*
22) N. Sergienko, **J. Radjenovic**. **2021.** Manganese oxide coated TiO_2 nanotube-based electrode for efficient and selective electrocatalytic sulfide oxidation to colloidal sulfur. ***Appl Catal B Environ*** 296: 120383. *JIF(2021)=24.3, Q1, 1st/73 in Environmental Engineering.*
23) G.-F. Norra, **J. Radjenovic**, **2021.** Removal of persistent organic contaminants from wastewater using a hybrid electrochemical-granular activated carbon (GAC) system, ***J Hazard Mater*** 415, 125557. *JIF(2021)=14.2, Q1, 3rd/73 in Environmental Engineering.*
24) **J. Radjenovic,** N. Duinslaeger, S.S. Avval, B. Chaplin. **2020**. Facing the challenge of poly- and perfluoroalkyl substances in water: is electrochemical oxidation the answer? ***Environ Sci Technol*** 54(23): 14815-14829. *JIF(2020)=9.0, Q1, 7/67 in Environmental Engineering.*
25) M. Moura de Salles Pupo, J.M. Albahaca Oliva, K.I. Barrios Eguiluz, G.R. Salazar-Banda, **J. Radjenovic. 2020**. Characterization and comparison of Ti/TiO_2-NT/SnO_2–SbBi, Ti/SnO_2–SbBi and BDD anode for the removal of persistent iodinated contrast media (ICM). **Chemosphere**, 253, 126701. *JIF(2020)=57.1, Q1, 30/306 in Environmental Science.*
26) O. Khalifa, F. Banat, C. Srinivasakannan, **J. Radjenovic,** S.W. Hasan, S.W. **2020**. Performance tests and removal mechanisms of aerated electrocoagulation in the treatment of oily wastewater, ***J Water Process Eng*** 36, 101290. *JIF(2020)=6.7, Q2, 16th/67 in Environmental Engineering.*
27) N. Sergienko, **J. Radjenovic. 2020**. Manganese oxide-based porous electrodes for rapid and selective (electro)catalytic removal and recovery of sulfide from wastewater, ***Appl Catal B Environ*** 267, 118608, *JIF(2020)=19.5, Q1, 1st/67 in Environmental Engineering.*
28) N. Sergienko, E. Irtem, O. Gutierrez, **J. Radjenovic. 2019**. Electrochemical removal of sulfide on porous carbon-based flow-through electrodes, ***J Hazard Mater*** 375: 19-25. 4/52, *JIF(2019)=9.0, Q1, 4th/53 in Environmental Engineering*.
29) I. Velo-Gala, M.J. Farré, **J. Radjenovic,** W. Gernjak, W. **2019**. N-Nitrosodimethylamine (NDMA) Degradation by the Ultraviolet/Peroxodisulfate Process**, *Environ Sci Technol Lett*** 6(2), 106-111. *JIF(2019)=7.7, Q1, 7th/53 in Environmental Engineering.*
30) E. Andrés García, M. Agulló-Barceló, P. Bond, J. Keller, W. Gernjak, **J. Radjenovic. 2018.** Hybrid electrochemical-granular activated carbon system for the treatment of greywater. ***Chem Eng J*** 352: 405-411. *JIF(2018)=8.3, Q1, 2nd/52 in Environmental Engineering.*
31) A. Farhat, J. Keller, S. Tait, **J. Radjenovic. 2018.** Oxidative capacitance of sulfate-based boron-doped diamond electrochemical system. ***Electrochem Commun*** 89: 14-18. *JIF(2018)=5.3, Q1, 6th/28 in Electrochemistry.*

32) A. Farhat, J. Keller, S. Tait, **J. Radjenovic**. **2017.** Assessment of the impact of chloride on the formation of chlorinated by-products in the presence and absence of electrochemically activated sulfate. ***Chem Eng J*** 330: 1265-1271. *JIF(2017)=6.7, Q1, 3rd/50 in Environmental Engineering.*

33) **J. Radjenovic**, M. Petrovic. **2017**. Removal of sulfamethoxazole by electrochemically activated sulfate: implications of chloride addition. ***J Hazard Mater*** 333: 242-249, *JIF(2017)=6.4, Q1, 5th/50 in Environmental Engineering.*

34) G.A. de Vera, W. Gernjak, **J. Radjenovic**. **2017**. Predicting reactivity of model DOM compounds towards chlorine with mediated electrochemical oxidation. ***Water Res*** 114: 113-121, *JIF(2017)=7.0, Q1, 2nd/50 in Environmental Engineering.*

35) Y. Xu, **J. Radjenovic**, Z. Yuan, B.-J. Ni. **2017.** Biodegradation of atenolol by an enriched nitrifying sludge: Products and pathways**.** ***Chem Eng J*** 312: 351-359, *JIF(2017)=6.7, Q1, 3rd/50 in Environmental Engineering.*

36) E. Thompson Brewster, A.J. Ward, C.M. Mehta, **J. Radjenovic**, D. Batstone. **2017**. Predicting scale formation during electrodialytic nutrient recovery. ***Water Res*** 110: 202-210, *JIF(2017)=7.0, Q1, 2nd/50 in Environmental Engineering.*

37) **J. Radjenovic**, M. Petrovic. **2016**. Sulfate-mediated electrooxidation of X-ray contrast media on boron-doped diamond anode. ***Water Res*** 94: 128-135, *JIF(2016)=6.9, Q1, 2nd/49 in Environmental Engineering.*

38) E. Thompson Brewster, C.M. Mehta, **J. Radjenovic**, D.J. Batstone. **2016**. A mechanistic model for electrochemical nutrient recovery systems. ***Water Res*** 94: 176-186, *JIF(2016)=6.9, Q1, 2nd/49 in Environmental Engineering.*

39) A. Farhat, J. Keller, S. Tait, **J. Radjenovic**. **2015**. Removal of persistent organic contaminants by electrochemically activated sulfate. ***Environ Sci Technol*** 49(24): 14326-14333, *JIF(2015)=5.4, Q1, 3rd/50 in Environmental Engineering.*

40) **J. Radjenovic**, D.L. Sedlak. **2015**. Challenges and opportunities for electrochemical processes as next-generation technologies for the treatment of contaminated water. ***Environ Sci Technol*** 49: 11292-11302, *JIF(2015)=5.4, Q1, 3rd/50 in Environmental Engineering.*

41) S. Garcia Segura, J. Keller; E, Brillas, **J. Radjenovic**. **2015**. Removal of organic contaminants from secondary effluent by anodic oxidation with a boron-doped diamond anode as tertiary treatment. ***J Hazard Mater*** 283: 551-557, *JIF(2015)=4.8, Q1, 7th/50 in Environmental Engineering.*

42) A. Bagastyo, D. Batstone, I. Kristiana, B. Escher, C. Joll, **J Radjenovic. 2014**. Electrochemical treatment of reverse osmosis concentrate on boron-doped electrodes in undivided and divided cell configurations. ***J Hazard Mater*** 279: 111-116, *JIF(2014)=4.5, Q1, 5th/47 in Environmental Engineering.*

43) **J. Radjenovic**, V. Flexer, B. Donose, D. Sedlak, J. Keller. **2013**. Removal of the X-ray contrast media diatrizoate by electrochemical reduction and oxidation. ***Environ Sci Technol*** 47: 13686-13694, *JIF(2013)=5.5, Q1, 2nd/46 in Environmental Engineering.*

44) A. Bagastyo, D. Batstone, K. Rabaey, **J. Radjenovic. 2013**. Electrochemical oxidation of electrodialysed reverse osmosis concentrate on Ti/Pt-IrO_2, Ti/SnO_2-Sb and boron-doped diamond electrodes. ***Water Res*** 47: 242-250, *JIF(2013)=5.3, Q1, 3rd/46 in Environmental Engineering.*

45) M.J. Farre, **J. Radjenovic**, W. Gernjak. **2012**. Assessment of degradation byproducts and NDMA formation potential during UV and UV/H_2O_2 treatment of doxylamine in the presence of monochloramine. ***Environ Sci Technol*** 46: 12904-12912, *JIF(2012)=5.3, Q1, 2nd/42 in Environmental Engineering.*

46) A. Bagastyo, D. Batstone, I. Kristiana, W. Gernjak, C. Joll, **J Radjenovic. 2012**. Electrochemical oxidation of reverse osmosis concentrate on boron-doped diamond anodes at circumneutral and acidic pH. ***Water Res*** 46: 6104-6112, *JIF(2012)= 4.6, Q1, 3rd/42 in Environmental Engineering.*

47) **J. Radjenovic**, M.J. Farre, W. Gernjak. **2012**. Effect of UV and H_2O_2 in the presence of chloramines on NDMA formation potential of tramadol. ***Environ Sci Technol*** 46: 8356-8364, *JIF(2012)=5.3, Q1, 2nd/42 in Environmental Engineering.*

48) **J. Radjenovic**, M.J. Farre, Y. Mu, W. Gernjak, J. Keller. **2012**. Reductive electrochemical remediation of emerging and regulated disinfection byproducts. ***Water Res*** 46: 1705-1714, *JIF(2012)=4.6, Q1, 3rd/42 in Environmental Engineering.*

49) A. Bagastyo, **J. Radjenovic**, Y. Mu, R.A Rozendal, D. Batstone, K. Rabaey. **2011**. Electrochemical oxidation of reverse osmosis membrane concentrate on mixed metal oxide (MMO) titanium coated electrodes. ***Water Res*** 45: 4951-4959, *JIF(2011)=4.9, Q1, 5th/45 in Environmental Engineering.*

50) **J. Radjenovic**, B. Escher, K. Rabaey. **2011**. Electrochemical degradation of the β-blocker metoprolol by Ti/$Ru_{0.7}Ir_{0.3}O_2$ And Ti/SnO_2-Sb electrodes. ***Water Res*** 45: 3205-3214, *JIF(2011)=4.9, Q1, 5th/45* in *Environmental Engineering.*

51) **J. Radjenovic**, A. Bagastyo, R.A. Rozendal, Y. Mu, J. Keller, K. Rabaey. **2011**. Electrochemical oxidation of trace organic contaminants in reverse osmosis concentrate using RuO_2/IrO_2 coated titanium anodes. ***Water Res*** 45: 1579-1586, *JIF(2011)=4.9, Q1, 5th/45 in Environmental Engineering.*

52) Y. Mu, **J. Radjenovic**, S. Jinyou, R.A. Rozendal, K. Rabaey, J. Keller. **2011**. Dehalogenation of iodinated X-ray contrast media in a bioelectrochemical System. ***Environ Sci Technol*** 45: 782-788, *JIF(2011)=4.8*, Q1, *2nd/45* in *Environmental Engineering.*

53) M. Petrovic, **J. Radjenovic**, D. Barcelo. **2010**. Analysis of pharmaceuticals as environmental contaminants. ***Chimica Oggi-Chemistry Today***. 28: 14-16.

54) E. Heath, T. Kosjek, M. Farre, J.B. Quintana, F. de Alencastro, S. Castiglioni, O. Gans, K. Langford, R. Loos, L. Mainero Rocca, H. Budzinski, D. Tsipi, **J. Radjenovic**, D. Barcelo. **2010**. Second laboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental samples. ***Talanta*** 81: 1189-1196, *JIF(2010)= 3.3, Q1, 9th /70 in Analytical Chemistry.*

55) M. Petrovic, M. Farre, M.L. de Alda, S. Perez, C. Postigo, M. Kock, **J. Radjenovic**, M. Gros, D. Barcelo. **2010**. Recent trends in the liquid chromatography-mass spectrometry analysis of organic contaminants in environmental samples. ***J Chromatogr A*** 1217: 4004-4017, *JIF(2010)=4.2, Q1, 7th/73 in Analytical Chemistry.*

56) **J. Radjenovic**, C. Sirtori, M. Petrovic, D. Barcelo, S. Malato. **2010**. Characterization of intermediate products of solar photocatalytic degradation of ranitidine at pilot-scale. ***Chemosphere***. 79: 368-376, *JIF(2010)=3.1, Q1, 28th/193 in Environmental Sciences.*

57) E. Marco-Urrea, **J. Radjenovic**, G. Caminal, M. Petrovic, T. Vicent, D. Barcelo. **2010**. Oxidation of atenolol, propranolol, carbamazepine and clofibric acid by a biological Fenton-like system mediated by white-rot fungus *Trametes versicolor*. ***Water Res*** 44: 521-532, *JIF(2010)=4.6, Q1, 4th/45 in Environmental Engineering*.

58) **J. Radjenovic**, C. Sirtori, M. Petrovic, D. Barcelo, S. Malato. **2009**. Solar photocatalytic degradation of persistent pharmaceuticals at pilot-scale: kinetics

and characterization of major intermediate products. ***Appl Catal B Environ*** 89: 255-264, *JIF(2009)=5.2, Q1, 1st/42 in Environmental Engineering.*

59) **J. Radjenovic**, M. Petrovic, D. Barcelo. **2009**. Complementary mass spectrometry and bioassays for evaluating pharmaceutical-transformation products in treatment of drinking water and wastewater. ***Trends Anal Chem*** 28: 562-580, *JIF(2009)=6.5, Q1, 1st/70 in Analytical Chemistry*.

60) **J. Radjenovic**, A. Jelic, M. Petrovic, D. Barceló. **2009**. Determination of pharmaceuticals in sewage sludge by pressurized liquid extraction (PLE) coupled to Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS). ***Anal Bioanal Chem*** 393: 1685-1695, *JIF(2009)=3.5, Q1, 6th/70 in Analytical Chemistry.*

61) **J Radjenovic**, M Petrovic, D Barcelo. **2009**. Fate and distribution of pharmaceuticals in wastewater and sewage sludge of the conventional activated sludge (CAS) and advanced membrane bioreactor (MBR) treatment. ***Water Res*** 43: 831-841, *JIF(2009)=4.3, Q1, 3rd/42 in Environmental Engineering.*

62) M. Petrovic, M.J. Lopez de Alda, S. Diaz-Cruz, C. Postigo, **J. Radjenovic**, M. Gros, D. Barcelo. **2009**. Fate and removal of pharmaceuticals and illicit drugs in conventional and membrane bioreactor wastewater treatment plants and by riverbank filtration. ***Philos T Roy Soc A*** 367: 3979-4003, *JIF(2009)=2.3, Q1, 9th/49 in Multidiscipliplinary Sciences.*

63) **J. Radjenovic**, M. Godehardt, A. Hein, M. Petrovic, M. Farre, M. Jekel, D. Barcelo. **2009**. Evidencing generation of persistent ozonation products of antibiotics roxithromycin and trimethoprime. ***Environ Sci Technol*** 43: 6808-6815, *JIF(2009)=4.6, Q1, 2nd/42 in Environmental Engineering.*

64) **J. Radjenovic**, S. Perez, M. Petrovic, D. Barcelo. **2008**. Identification and structural characterization of biodegradation products of atenolol and glibenclamide by liquid chromatography coupled to hybrid quadrupole-time of flight and quadrupole ion trap mass spectrometers. ***J Chromatogr A*** 1210: 142-153, *JIF(2008)=3.8, Q1, 6th/70 in Analytical Chemistry*.

65) **J. Radjenovic**, M. Petrovic, F. Ventura, D. Barcelo. **2008**. Rejection of pharmaceuticals in nanofiltration and reverse osmosis membrane drinking water treatment. ***Water Res*** 42: 3601-3610, *JIF(2008)=3.6, Q1, 3rd/38 in Environmental Engineering.*

66) **J. Radjenovic**, M. Petrovic, D. Barcelo. **2007**. Advanced mass spectrometric methods applied to the study of fate and removal of pharmaceuticals in wastewater treatment. A review. ***Trends Anal Chem*** 26: 1132-1144, *JIF(2007)=5.8, Q1, 1st/70 in Analytical Chemistry.*

67) **J. Radjenovic**, M. Petrovic, D. Barcelo. **2007**. Analysis of pharmaceuticals in wastewater and removal using a membrane bioreactor. ***Anal Bioanal Chem*** 387: 1365-1377, *JIF(2007)=2.9, Q1, 17th/70 in Analytical Chemistry.*

68) M. Farre, E. Martinez, J. Ramon, A. Navarro, **J. Radjenovic**, E. Mauriz, L. Lechuga, M. Pilar Marco, D. Barcelo. **2007**. Parts per trillion determination of atrazine in natural water samples by a surface plasmon resonance immunosensor. ***Anal Bioanal Chem*** 388: 207-214, *JIF(2007)=2.9, Q1, 17th/70 in Analytical Chemistry.*

Scholarly book chapters

1) M.J. Esplandiu, N. Bastus, J. Fraxedas, I. Ihmaz, V. Puntes, **J. Radjenovic**, B. Sepúlveda, A. Serrá, S. Suárez-García, G. Franzese. **2023.** Interfacial phenomena

in nanotechnological applications for water remediation, , Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, Elsevier.

2) **J. Radjenovic,** L. Baptista-Pires. **2020.** *Electrochemical processes for the elimination of pharmaceutical compounds in contaminated waters*, in volume *Removal and Degradation of Pharmaceutically Active Compounds in Wastewater Treatment*, Eds. S. Rodriguez-Mozaz, P. Blanquez Cano, M. Sarra Adroguer, *The Handbook of Environmental Chemistry*, Springer, Berlin.
3) **J. Radjenovic**, A. Bagastyo, D. Batstone, J. Keller. **2013**. *Electrochemical treatment of reverse osmosis concentrate, in Encyclopedia of Applied Electrochemistry*, Eds. RF Savinell, K-i Ota, G Kreysa Springer, Berlin.
4) M. Petrovic, M. López de Alda, A. Ginebreda, M. Gros, **J. Radjenovic**, C. Postigo, D. Barceló. **2010**. *Occurrence and fate of pharmaceuticals and illicit drugs under water scarcity*, volume *Water Scarcity in the Mediterranean*, Eds. S. Sabater, D. Barceló, *The Handbook of Environmental Chemistry*, Springer, Berlin.
5) **J. Radjenovic**, M. Matosic, I. Mijatovic, M. Petrovic, D. Barcelo. **2008**. *Membrane Bioreactor (MBR) as an Advanced Wastewater Treatment Technology*, in volume *Emerging Contaminants from Industrial and Municipal waste: Removal Technologies*, Eds. D. Barceló, M Petrović. *The Handbook of Environmental Chemistry*, Springer, Berlin.
6) M. Petrovic, **J. Radjenovic**, C. Postigo, M. Kuster, M. Farre, M. Lopez de Alda, D. Barcelo. **2008**. *Emerging Contaminants in Waste Waters: Sources and Occurrence*, in volume *Emerging Contaminants from Industrial and Municipal waste: Occurrence, Analysis and Effects*, Eds. D. Barcelo, M. Petrovic, *The Handbook of Environmental Chemistry*, Springer, Berlin.
7) M.D. Hernando Guil, M. Petrovic, **J. Radjenovic**, A.R. Fernandez-Alba, D. Barcelo. **2007**. *Removal of pharmaceuticals by advanced treatment technologies*, in volume *Analysis, fate and removal of pharmaceuticals in the water cycle*, Eds. D. Barceló, M. Petrović, *Comprehensive analytical chemistry 50*, Elsevier, London.

Public technical reports

(1) **J. Radjenovic**, A. Bagastyo, K. Rabaey, D. Batstone, W. Gernjak, Y. Mu, R.A. Rozendal, B. Escher, Y. Poussade, J. Keller. **2012**. Electrochemical Treatment of Problematic Water Recycle Waste Streams. Urban Water Security Research Alliance Technical Report No. 82.

CONFERENCES

(1) O. Casabella-Font, J. L. Balcazar, M. Pijuan, **J. Radjenovic**. 2024. Enhancing methane production and pharmaceutical removal with bio-reduced graphene oxide, Invited talk at the 18th IWA World Conference on Anaerobic Digestion, Istanbul, Turkey.
(2) J. Ma, **J. Radjenovic**, H. Beral1, S. Rodríguez-Mozaz, J. Comas. 2024. Application of functionalized graphene sponge for electrochemical degradation of emerging polar, mobile and toxic contaminants. Invited talk at the 9th International Conference on Water Pollution and Treatment; ICWPT 2024, Berlin, Germany.
(3) A. Segues Codina, **J. Radjenovic**. 2024. Manganese oxide functionalised graphene sponges for the electrochemical water treatment and disinfection. Poster pitch presentation. 19th IWA Leading Edge Conference on Water and Wastewater technologies (LET2024), Essen, Germany.

(4) E. Cuervo Lumbaque, N. Duinslaeger, **J. Radjenovic**. 2024. Amino acid-enhanced graphene sponge electrodes: a sustainable approach to the removal of perfluoroalkyl substances (PFAS) in water, Gordon Research Conference, Environmental Science: Water, Holderness, NH, US.

(5) **J. Radjenovic.** 2024. Facing the challenge of PFAS in water: opportunity for graphene-enabled electrochemical water treatment. Plenary talk. Gordon Research Conference (GRC) Environmental Science: Water, Holderness IL, US.

(6) **J. Radjenovic**. 2023. Development of nanostructured electrode materials for electrochemical water treatment and resource recovery. ***Invited talk*** at the Innovation Summit of the Aquaworks-Marmon Water Research Centre, India.

(7) **J. Radjenovic**. 2023. Development and application of graphene sponge electrodes for electrochemical water treatment. ***Invited talk*** at the Nankai University, Tianjin, China

(8) **J. Radjenovic**. 2023. Design and application of nanostructured electrodes for electrochemical water treatment and resource recovery. ***Invited talk*** at the 74th Annual Meeting of the International Society of Electrochemistry (ISE), Lyon France.

(9) N. Duinslaeger, **J. Radjenovic**. 2023. Electrochemical degradation of per- and polyfluoroalkyl substances in real waste streams using boron- and borophene-doped graphene sponge electrode. ***Platform presentation*** at the 6th IWA International Conference on eco-Technologies for Wastewater Treatment. Girona, Spain.

(10) N. Ormeño-Cano, **J. Radjenovic**. 2023. Electrochemical removal of antibiotics and multidrug-resistance bacteria using graphene sponge electrodes. ***Platform presentation*** at the 6th IWA International Conference on eco-Technologies for Wastewater Treatment. Girona, Spain.

(11) A. Segués Codina, C.M. Borrego, **J. Radjenovic**. 2023. Chlorine-free inactivation of E. coli in water with manganese oxide-doped graphene-based electrodes. ***Platform presentation*** at the 6th IWA International Conference on eco-Technologies for Wastewater Treatment. Girona, Spain.

(12) O. Casabella-Font, **J. Radjenovic**, M. Pijuan. 2023. Long-term performance of an anaerobic membrane bioreactor amended with graphene oxide treating municipal wastewater. ***Platform presentation*** at the 6th IWA International Conference on eco-Technologies for Wastewater Treatment. Girona, Spain.

(13) **J. Radjenovic**. 2022. Nanotechnology-enabled water and wastewater treatment strategies: main achievements of the ERC Starting Grant ELECTRON4WATER. ***Keynote*** at the 10th Conference of the UK Water Network. Cranfield University, UK.

(14) **J. Radjenovic**. 2022. Emerging nanostructured materials for electrochemical water treatment. ***Invited talk*** at Summer@UIC Seminar series, University of Illinois at Chicago. Online.

(15) E. Cuervo Lumbaque, L. Baptista-Pires, **J. Radjenovic**. 2022. Tailored reduced graphene oxide (RGO)-2D materials electrodes for high-performance electrooxidation of persistent contaminants of emerging concern. ***Platform presentation*** at the 12th IWA Micropol & Ecohazard Conference. Santiago de Compostela, Spain.

(16) E. Cuervo Lumbaque, L. Baptista-Pires, **J. Radjenovic**. 2022. Functionalization of graphene sponge anodes with 2D materials for oxidation of contaminants of emerging concern. ***Platform presentation*** at the 73rd Annual Meeting of the International Society of Electrochemistry. Online.

(17) A. Segués Codina, N. Sergienko, C. M. Borrego, **J. Radjenovic**. 2022 Chlorine-free disinfection of water using manganese oxide functionalized graphene sponge electrodes. ***Platform presentation*** at the 12th IWA Micropol & Ecohazard Conference. Santiago de Compostela, Spain.

(18) M. Ponzelli, J. E. Drewes, **J. Radjenovic**, K. Koch. 2022. The impact of graphene oxide on the methane production kinetics. ***Platform presentation*** at the NOWELTIES ITN Final conference, Dubrovnik, Croatia.

(19) N. Duinslaeger, **J. Radjenovic**. 2022. Electrochemical treatment of PFAS using a graphene sponge electrode armed pilot-scale electrocell. ***Invited talk*** at the 73rd Annual Meeting of the International Society of Electrochemistry. Online.

(20) N. Duinslaeger, **J. Radjenovic**. 2022. Three-dimensional graphene sponge electrodes for the electrochemical oxidation of per- and polyfluoroalkyl substances (PFAS). ***Platform presentation*** at the 12th IWA Micropol & Ecohazard Conference. Santiago de Compostela, Spain.

(21) N. Duinslaeger, **J. Radjenovic**. 2022. Electro-oxidation of perfluoroalkyl substances (PFAS) using low-cost 3D graphene sponge electrodes. ***Poster presentation*** at the Gordon Research Conference (GRC) Environmental Sciences: Water. Holderness, NH, USA.

(22) O. Casabella, S. Zahedi, **J. Radjenovic**, M. Pijuan. 2022. Graphene oxide addition on anaerobic digestion of waste activated sludge: effect on methane production and emerging contaminants. ***Invited talk*** at the META Conference, Sevilla, Spain.

(23) O. Casabella, S. Zahedi, **J. Radjenovic**, M. Pijuan. 2022. Graphene oxide addition on anaerobic digestion of waste activated sludge: impact on methane production and removal of emerging contaminants. ***Invited talk*** at the 12th IWA Micropol & Ecohazard Conference. Santiago de Compostela, Spain.

(24) O. Casabella, S. Zahedi, **J. Radjenovic**, M. Pijuan. 2022. Graphene oxide amended sludge enhances micropollutant removal during anaerobic digestion of waste activated sludge. ***Platform presentation*** at the World Water Conference 2022, Copenhagen, Denmark.

(25) **J. Radjenovic**. 2021. Electrocatalytic remediation of contaminated water: will going nano be the technology enabler? ***Plenary talk*** at the 1st Severo Ochoa Workshop on Environmental Monitoring and Remediation. Catalan Institute for Nanoscience and Nanotechnology, Barcelona, Spain.

(26) N. Ormeño Cano, **J. Radjenovic**. 2021. Electrochemical degradation of antibiotics using flow-through graphene sponge electrodes. ***Platform presentation***. 72nd Annual Meeting of the International Society for Electrochemistry (ISE), Jeju, South Korea. (online)

(27) A. Segues Codina, **J. Radjenovic**. 2021. Chlorine-Free Disinfection of Water Using N-Doped Graphene-Based Sponge Electrodes. ***Platform presentation***. 72nd Annual Meeting of the International Society for Electrochemistry (ISE), Jeju, South Korea. (online)

(28) **J. Radjenovic**. 2021. Graphene-enabled water treatment: main outcomes of the ERC StG ELECTRON4WATER. ***Keynote*** at the 5th IWA International Conference on eco-Technologies for Wastewater Treatment. Milan, Italy (online)

(29) G.-F. Norra, L. Baptista-Pires, C. Borrego, **J. Radjenovic**, 2021. Electrochemical disinfection of E. coli with reduced graphene oxide foam electrodes. ***Platform presentation*** at the 12th European Symposium on Electrochemical Engineering (ESEE), Leeuwarden, The Netherlands. (online)

(30) N. Duinslaeger, **J. Radjenovic**. 2021. Graphene sponge electrodes for electrochemical degradation of perfluoroalkyl substances. ***Platform presentation*** at the 12th European Symposium on Electrochemical Engineering (ESEE), Leeuwarden, The Netherlands. (online)

(31) **J. Radjenovic**, N. Sergienko, N. Duinslaeger, G. Florjan-Norra, L. Baptista-Pires. 2020. Electrochemical systems for the treatment of contaminated water: limitations, challenges and prospective. ***Invited talk*** at the Annual Meeting of the International Society of Electrochemistry (ISE) (online)

(32) **J. Radjenovic**. 2020. Future research directions of electrochemical water treatment systems. ***Invited talk and discussion leader***. Next Generation Electrochemistry Workshop organized by the University of Illinois at Chicago, online webinar. 2020.

(33) G.-F. Norra, **J. Radjenovic.** 2020. RGO coated graphite granules as particle electrodes in 3D EC reactor for the reduction of persistent contaminants. ***Platform presentation***. The First International Workshop on Advanced Electrochemical Oixdation for Water Reuse. (online)

(34) G.-F. Norra, **J. Radjenovic.** 2020. Hybrid electrochemical-granular activated carbon (GAC) system for the removal of persistent organic contaminants from wastewater. ***Platform presentation***. The IV Conference of Pre-doctoral Researchers of the University of Girona. Girona, Spain.

(35) **J. Radjenovic**. 2019. Electrochemical systems for the treatment of contaminated water: limitations, challenges and prospective. ***Keynote***. 8th de Nora R&D Symposium, Milan, Italy.

(36) N. Duinslaeger, J.M. Albahaca Oliva, **J. Radjenovic**. 2019. Electrochemical oxidation of poly- and perfluoroalkyl substances (PFASs) with Ti/TiO_2-nanotube (NT)/Bi-SnO_2 Anode. ***Poster.*** 8th de Nora R&D Symposium, Milan, Italy.

(37) N. Sergienko, **J. Radjenovic**. 2019. Manganese oxide-based porous electrodes for rapid and selective (electro)catalytic removal and recovery of sulfide from wastewater. ***Poster.*** 8th de Nora R&D Symposium, Milan, Italy.

(38) **J. Radjenovic**, W. Gernjak. 2019. Post-treatment options for contaminated water. ***Lecture*** at the Introductory Training School of the Nowelties project. Santiago de Compostela, Spain.

(39) **J. Radjenovic**. 2019. How I obtained my ERC grant. ***Talk invited by Prof J.-P. Bourguignon, President of the European Research Council***, ERC Funding Opportunities: Supporting excellent researchers all over Europe, Belgrade, Serbia.

(40) **J. Radjenovic.** 2019. Prospects of electrochemical technology in water and wastewater treatment. ***Keynote***. Workshop on electrochemistry for the environment. Montpellier, France.

(41) N. Sergienko, **J. Radjenovic**. 2019. Rapid and selective (electro)catalytic removal and recovery of sulfide from wastewater. ***Platform presentation***. 3rd IWA Resource Recovery Conference. Venice, Italy.

(42) **J. Radjenovic**. 2019. ERC StG ELECTRON4WATER presentation. ***Invited TED-type talk***. Scientific Excellence in Catalonia: +300 ERC Grants, Barcelona, Spain.

(43) N. Sergienko, **J. Radjenovic**. 2019. Rapid and selective (electro)catalytic removal and recovery of sulfide from wastewater. ***Platform presentation***. New electrochemical processes for energy and the environment, International Society of Electrochemistry Regional Conference**.** Toledo, Spain.

(44) J.M. Albahaca Oliva, **J. Radjenovic**. 2019. Electrochemical oxidation of poly- and perfluoroalkyl Substances (PFASs) with TiO_2-NT/doped-SnO_2 novel anode materials. ***Platform presentation***. New electrochemical processes for energy and the environment, International Society of Electrochemistry Regional Conference. Toledo, Spain, 2019.

(45) **J. Radjenovic**. 2019. Using electrons to clean the water: are electrochemical systems the future of water treatment? ***Keynote***. ACS National Meeting, Orlando, FL, USA.

(46) **J. Radjenovic**. 2019. Electrochemical systems for water and wastewater treatment. ***Invited talk*** at the Helmholtz Centre for Environmental Research (UFZ), Leipzig, Germany.

(47) **J. Radjenovic**, J.M. Albahaca Oliva. 2018. Oxidative capacitance of electrochemically activated sulfate. ***Poster.*** Gordon research Conference, Environmental Sciences: Water, Holderness, NH, USA.

(48) N. Sergienko, **J. Radjenovic**. 2018. Removal and recovery of sulfide from anaerobic systems with electrochemical oxidation on porous carbon-based electrodes. ***Poster***. Gordon research Conference, Environmental Sciences: Water, NH, USA.

(49) **J. Radjenovic**. 2018. Challenges and opportunities for electrochemical processes as next-generation technologies for the treatment of contaminated water. ***Keynote***. Final TreatRec conference, Girona, Spain.

(50) J.M. Albahaca Oliva, E. Irtem, **J. Radjenovic**. 2018. Novel anode materials based on TiO_2 nanotube arrays for degradation of poly- and perfluoroalkyl substances. ***Poster***. Final TreatRec conference, Girona, Spain.

(51) M. M. S. Pupo, E. Irtem, **J. Radjenovic**. 2018. Novel Ti/TiO_2-NTs/$Sn_{93}Sb_5Bi_2O_x$ mesh anodes synthesis for electrochemical oxidation of x-ray agents. ***Poster***. Final TreatRec conference, Girona, Spain.

(52) E. Irtem, **J. Radjenovic**. 2018. Investigation of electrocatalytic denitrification on rGO modified porous electrodes. ***Platform presentation.*** Final TreatRec conference, Girona, Spain.

(53) N. Sergienko, **J. Radjenovic**. 2018. Removal and recovery of sulfide from wastewater with electrochemical oxidation on porous carbon-based electrodes. ***Platform presentation.*** Final TreatRec conference, Girona, Spain.

(54) E. Thompson Brewster, C, Mehta, **J, Radjenovic**, D. Batstone. 2016. Electrodialysis for resource recovery from wastewater: technical analysis. ***Platform presentation***. IWA World Water Congress Exhibition. Brisbane, Australia.

(55) E. Andres Garcia, M. Agullo, P. Bond, W. Gernjak, J. Keller, **J. Radjenovic**. 2016. Decentralized greywater treatment system based on combined adsorption and electrochemical oxidation. ***Platform presentation***. IWA World Water Congress Exhibition. Brisbane, Australia.

(56) Y.F. Xu, **J. Radjenovic**, Z.G. Yuan, B.J. Ni. 2016. Enhanced biodegradation of atenolol by an enriched nitrifying culture and fate of transformation products. ***Platform presentation***. IWA World Water Congress Exhibition. Brisbane, Australia.

(57) L. Nieradzik, **J. Radjenovic**, Z. Yuan, B.J. Ni. 2016. In-sewer Biotransformation Of Common Pharmaceuticals. ***Platform presentation***. IWA World Water Congress Exhibition. Brisbane, Australia.

(58) A. Farhat, S. Tait, J. Keller, **J. Radjenovic**. 2016. Electro-activated sulfate for the degradation of persistent organic contaminants. ***Poster***. IWA World Water Congress Exhibition. Brisbane, Australia.

(59) L. Nieradzik, **J. Radjenovic**, Z. Yuan, B.J. Ni. 2016. Biotransformation of common pharmaceuticals in rising main sewers. ***Platform presentation***. 8th International conference on Sewer Processes & Networks. Rotterdam, The Netherlands.

(60) Y.F. Xu, **J. Radjenovic**, Z.G. Yuan, B.J. Ni. 2016. Enhanced atenolol biodegradation by enriched nitrifying sludge. ***Platform presentation***. International Conference on Emerging Contaminants and Micropollutants in the Environment. Sydney, Australia.

(61) L. Nieradzik, **J. Radjenovic**, O. Auguet, B.J. Ni, O. Gutierrez. 2016. Re-formation of sulfamethoxazole in anaerobic sewers from human metabolites. ***Poster***. International conference on Emerging Contaminants and Micropollutants in the Environment. Sydney, Australia.

(62) L. Nieradzik, B.J. Ni, Z. Yuan, **J. Radjenovic**. 2016. Anaerobic biotransformation products of trimethoprim in sewers. ***Poster.*** International conference on Emerging Contaminants and Micropollutants in the Environment. Sydney, Australia.

(63) A. Farhat, S. Tait, J. Keller, **J. Radjenovic**. 2016. Electro-activated sulfate for the degradation of persistent organic contaminants. ***Platform presentation***. International Conference on Emerging Contaminants and Micropollutants in the Environment. Sydney, Australia.

(64) A. Farhat, S. Tait, J. Keller, **J. Radjenovic**. 2016. Effect of chloride on sulfate-based electrochemical systems using boron-doped diamond anodes. ***Poster.*** International Conference on Emerging Contaminants and Micropollutants in the environment. Sydney, Australia.

(65) A. Farhat, S. Tait, J. Keller, **J. Radjenovic**. 2015. Electrochemical oxidation of trace organic compounds via electro-generated sulfate radicals on boron doped diamond anodes. ***Platform presentation***. 66th Annual Meeting of the International Society of Electrochemistry. Taipei, Taiwan.

(66) A. Farhat, S. Tait, J. Keller, **J. Radjenovic**. 2015. Removal of persistent organic contaminants by electrochemically activated sulfate. ***Poster.*** 66th Annual Meeting of the International Society of Electrochemistry. Taipei, Taiwan.

(67) E. Andres Garcia, J. Keller, M. Agullo, W. Gernjak, **J. Radjenovic**. 2015. Decentralized greywater treatment system based on combined adsorption and electrochemical oxidation. ***Poster– Distinguished award winner***. Singapore Scientific Conference. Singapore.

(68) Y.F. Xu, **J. Radjenovic**, Z.G. Yuan, B.J. Ni. 2015. Biodegradation of selected pharmaceuticals by an enriched nitrifying sludge. ***Platform.*** The University of Queensland-Technical University of Munich-Research Symposium on Water, Environment and Sustainability. Munich, Germany.

(69) E. Andres, M. Agullo, P. Bond, W. Gernjak, J. Keller, **J. Radjenovic**. 2015. Decentralized greywater treatment system based on electrochemical oxidation. ***Poster.*** 2nd CRC Water Sensitive Cities Conference. Brisbane, Australia.

(70) L. Nieradzik, **J. Radjenovic**, Z. Yuan, B.J. Ni. 2015. Biotransformation of selected pharmaceuticals in sewers. ***Platform presentation***. 8th IWA Micropol and Ecohazard Conference. Singapore.

(71) **J. Radjenovic**, A. Farhat, M. Petrovic. 2015. Degradation of iodinated contrast media and other persistent organic contaminants by electrochemically activated

sulfate. ***Platform presentation***. 8th IWA Micropol and Ecohazard Conference. Singapore, 2015.

(72) E. Thompson Brewster, C, Mehta, **J, Radjenovic**, D. Batstone. 2015. A model of electrodialysis for multi-ion systems. ***Platform presentation.*** 9th IWA Symposium on Systems Analysis and Integrated Assessment-Watermatex. Gold Coast, Australia.

(73) L. Nieradzik, **J. Radjenovic**, Z. Yuan, B.J. Ni. 2015. Kinetic analysis of in-sewer biotransformation of selected pharmaceuticals. ***Platform presentation.*** 9th IWA Symposium on Systems Analysis and Integrated Assessment-Watermatex. Gold Coast, Australia.

(74) G. de Vera, K. Doederer**, J. Radjenovic**, M.J. Farre, W. Gernjak, J. Keller. 2014. NH_4-N/NO_3-N ratio: a surrogate measure for organic matter oxidation by OH radicals and ozone. ***Platform presentation***. Disinfection byproducts in drinking water. Mulheim un der Ruhr, Germany.

(75) E. Andres Garcia, J. Keller, M. Agullo Barcelo, W. Gernjak, **J. Radjenovic**. 2014. Combined adsorption and electrochemical oxidation in a 3D reactor for wastewater treatment. ***Poster.*** Water Sensitive Cities Conference. Melbourne, Australia.

(76) **J. Radjenovic**, M.J. Farre, D. Sedlak, J. Keller. 2013. Electrochemical removal of disinfection byproducts. ***Platform presentation***. 8th IWA Micropol and Ecohazard Conference**.** Zurich, Switzerland.

(77) **J. Radjenovic**, J. Keller. 2013. Application of Electrochemical Processes for Water and Wastewater Treatment. ***Platform presentation***. 14th EuCheMS International Conference on Chemistry and the Environment (ICCE), Barcelona, Spain.

(78) **J. Radjenovic**, M.J. Farre, J. Keller. 2012. Reductive electrochemical remediation of disinfection byproducts. ***Poster.*** Gordon research Conference, Environmental Sciences: Water, Holderness, NH, USA.

(79) **J. Radjenovic**. 2012. Significance of "known unknowns" analysis in water treatment. *Keynote*. 8th International workshop on liquid chromatography-tandem mass spectrometry. Barcelona, Spain.

(80) **J. Radjenovic.** 2012. Application of electrochemical systems for water and wastewater treatment. ***Invited talk at UC Berkeley***, Berkeley, CA, USA.

(81) A. Bagastyo, D. Batstone, I. Kristiana, Y. Mu, W. Gernjak, C. Joll, **J. Radjenovic**. 2012. Electrochemical oxidation of reverse osmosis concentrates on boron-doped diamond electrodes. ***Platform presentation.*** 9th IWA Leading-Edge Technology (LET) Conference on Water and Wastewater Technologies**.** Brisbane, Australia.

(82) **J. Radjenovic**, A. Bagastyo, K. Rabaey. 2011. Electrochemical treatment of reverse osmosis concentrates. ***Platform presentation***. 8th IWA International Conference on Water Reclamation & Reuse. Barcelona, Spain.

(83) A. Bagastyo, **J. Radjenovic**, Y. Mu, R.A. Rozendal, D. Batstone, K. Rabaey. 2011. Electrochemical treatment of reverse osmosis concentrates. ***Platform presentation***. 62nd ISE Electrochemistry Conference. Niigata, Japan.

(84) **J. Radjenovic**, M. Macova, A. Bagastyo, B. Escher, K. Rabaey. 2011. Electrochemical oxidation for the removal of organic micropollutants. ***Platform presentation***. ***7th IWA Micropol and Ecohazard Conference***. Sydney, Australia.

(85) A. Bagastyo, **J. Radjenovic**, I. Kristiana, Y. Mu, D. Batstone, W. Gernjak, C. Joll, K. Rabaey. 2011. Electrochemical treatment of problematic reverse osmosis

concentrates. ***Platform presentation***. Urban Water security Research Alliance (UWSRA) 3rd Science Forum. Brisbane, Australia.

(86) **J. Radjenovic**, A. Bagastyo, Y. Mu, R.A. Rozendal, K. Rabaey. 2010. Electrochemical treatment of reverse osmosis concentrate. ***Platform presentation.*** 2nd Regional Symposium on Electrochemistry: South-East Europe. Belgrade, Serbia.

(87) J. Keller, Y. Mu, **J. Radjenovic**, R.A. Rozendal, K. Rabaey. 2010. Dehalogenation of iodinated X-ray contrast media in a bioelectrochemical system. ***Platform presentation***. 61st Anual Meeting of the International Society of Electrochemistr***y***. Nice, France.

(88) **J. Radjenovic**, S. Pérez, M. Petrović, D. Barceló. 2008. Advanced liquid chromatography-mass spectrometry methods applied in studies of biodegradation pathways of pharmaceuticals: membrane bioreactor (MBR) vs. conventional activated (CA) sewage sludge. ***Platform presentation.*** EU project KNAPPE workshop: Pharmaceutical Product in the Environment: Trends Toward Lowering Occurrence and Impact**.** Nimes, France.

(89) D. Barceló, M. Petrović, **J. Radjenovic**, M. Gros, A. Ginebreda, S. Perez. 2009. Fate and behavior of pharmaceuticals in treated wastewaters, sludge and river waters followed by an environmental risk assessment using hazard indexes. ***Platform presentation***. 6th IWA Micropol and Ecohazard Conference. San Francisco, CA, USA.

(90) **J. Radjenovic**, M. Petrović, D. Barceló. 2008. Elimination of emerging contaminants by membrane bioreactor (MBR). ***Platform presentation***. EU project Innova-med workshop. Agadir, Morocco.

(91) **J. Radjenovic**, M. Gros, M. Petrović, D. Barceló. 2007. Liquid chromatography-tandem mass spectrometry as a powerful tool for the determination of pharmaceuticals in wastewaters. ***Platform presentation***. 2nd EU project EMCO workshop: Emerging Contaminants in Wastewaters: Monitoring Tools and Treatment Technologies. Belgrade, Serbia.

(92) **J. Radjenovic**, F. Ventura, M. Petrović, D. Barceló. 2007. Removal of pharmaceuticals by nanofiltration and reverse osmosis membranes in drinking water treatment. Poster. 2nd EU project EMCO workshop: Emerging Contaminants in Wastewaters: Monitoring Tools and Treatment Technologies. Belgrade, Serbia.

(93) **J. Radjenovic**, S. González, M. Petrović, D. Barceló. 2007. Elimination of emerging contaminants (surfactants, pharmaceuticals, polar pesticides) by membrane bioreactor technologies in wastewater and drinking water treatment. ***Platform presentation***. EU project Innova-med workshop, Innovative processes and practices for wastewater treatment and reuse. Hammamet, Tunisia.

(94) **J. Radjenovic**, M. Petrović, F. Ventura, D. Barceló. 2007. Removal of pharmaceuticals by nanofiltration and reverse osmosis membranes in drinking water treatment. ***Poster.*** New materials for Membranes, Marie Curie Workshop. Hamburg, Germany.

(95) M. Farré, **J. Radjenovic**, E. Martinez. 2006. Biosensors and microbioassays: new watchmen of health and environment, ***Poster***, Recerca en directe, fair in organization of Parc Científic de Barcelona, Barcelona, Spain.

(96) **J. Radjenovic**, M. Petrović, D. Barceló. 2005. Analysis and removal of pharmaceuticals by membrane bioreactor, ***Poster***, 1st EMCO workshop: Analysis and removal of contaminants from wastewaters for the implementation of the Water Framework Directive (WFD), Dubrovnik, Croatia.

COMISSIONS OF TRUST

- Editor of Journal of Hazardous Materials (ranked 4th in Environmental Engineering field)

- Editor of Journal of Hazardous Materials Letters

- Scientific Expert of the European Innovation Council (EIC) Pathfinder Challenge programmes, evaluation of submitted and awarded projects, scientific follow-up on the Pathfinder project portfolios.

- Member of the 2024 Evaluation Panel of the Research Centres in Galicia

- Member of the Scientific Committee of the Advanced Scientific Research Center (CICA) de la University of Coruña (UDC), Galicia.

- Regular reviewer of all top journals in my research field: Environmental Science and Technology, Water Research, Chemical Engineering Journal, Journal of Hazardous Materials, etc.

- Scientific Evaluator for Horizon 2020 and Horizon Europe projects, Portuguese Foundation for Science and Technology, Science Fund of the Republic of Serbia.

MEDIA APPEARANCE (selected)

- Article in El Periódico (also Diari de Girona, other newspapers) after receiving the Catalonian National Research Award for Young Talent, 16/07/2022.

https://www.elperiodico.com/es/entre-todos/20220616/jelena-radjenovic-buscamos-futuro-edificio-13858564

- Centre page article in Punt Avui (09/02/2020) on the pioneering technology of graphene-based electrochemical systems developed at ICRA:

https://www.elpuntavui.cat/territori/article/1736394-tecnologia-pionera-a-l-icra-en-depuracio-d-aiguees.html

- Interview about climate change with Marcela Topor, The Weeekly Mag, la Xarxa, 16/11/2019.

http://www.alacarta.cat/the-weekly-mag/tall/interview-about-climate-change-with-researchers-ana-cano-delgado-and-jelena-radjenovic

- Participation in an event organized by the Spainish Ministry of Cience “Un encuentro de trabajo y reflexión sobre la ciencia en España”, meeting between the Spanish Minister of Science, Pedro Duque, King Felipe VI and Queen Letizia, and 20 selected researchers from Spain. Madrid, Spain:

https://www.europapress.es/ciencia/noticia-reyes-reunen-20-cientificos-espanoles-mas-exito-pardo-20190321180942.html

ORGANIZATION OF SCIENTIFIC MEETINGS (selected)

06/2023: Member of the Scientific Committee, 6th IWA International Conference on eco-Technologies for Wastewater Treatment, Girona, Spain.

06/2022: Member of the Scientific Committee, 12th IWA Micropol and Ecohazard conference, Santiago de Compostela, Spain.

04/2020: Member of the Scientific Committee, 2nd International Workshop on Advanced Electrochemical Oxidation for Water Reuse, Nancy, France.

06/2013: Session chair, 8th IWA Micropol and Ecohazard conference. Zurich, Switzerland.

07/2011: Session chair, member of the Scientific Committee, 7th IWA Micropol&Ecohazard conference. Sydney, Australia.

09/2009: Member of the Scientific Committee, 7th IWA World Congress on Water Reclamation and Reuse, Brisbane, Australia.

CAREER BREAKS

08/2013-02/2014, and 11/2016-03/2017 (maternity leaves).