

# Ana Sofia Fajardo

## List of Publications by Year in descending order

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25  
papers

951  
citations

516710

16  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of surface functionalization of Fe <sub>3</sub> O <sub>4</sub> nano-enabled electrodes on the electrochemical reduction of nitrate. Separation and Purification Technology, 2022, 282, 119771.	7.9	27
2	Highly reactive Cu-Pt bimetallic 3D-electrocatalyst for selective nitrate reduction to ammonia. Applied Catalysis B: Environmental, 2022, 302, 120844.	20.2	130
3	Sustainable Development: Use of Agricultural Waste Materials for Vanillic Acid Recovery from Wastewater. Sustainability, 2022, 14, 2818.	3.2	1
4	Highly porous seeding-free boron-doped ultrananocrystalline diamond used as high-performance anode for electrochemical removal of carbaryl from water. Chemosphere, 2022, 305, 135497.	8.2	7
5	Earth-abundant elements a sustainable solution for electrocatalytic reduction of nitrate. Applied Catalysis B: Environmental, 2021, 281, 119465.	20.2	98
6	Effect of electrochemically-driven technologies on the treatment of endocrine disruptors in synthetic and real urban wastewater. Electrochimica Acta, 2021, 376, 138034.	5.2	28
7	Dimensionally Stable Anode Based Sensor for Urea Determination via Linear Sweep Voltammetry. Sensors, 2021, 21, 3450.	3.8	4
8	Mass transfer and residence time distribution in an electrochemical cell with an air-diffusion electrode: Effect of air pressure and mesh promoters. Electrochimica Acta, 2021, 378, 138131.	5.2	8
9	Obtaining high-added value products from the technical cashew-nut shell liquid using electrochemical oxidation with BDD anodes. Separation and Purification Technology, 2020, 250, 117099.	7.9	20
10	Disparities between experimental and environmental conditions: Research steps toward making electrochemical water treatment a reality. Current Opinion in Electrochemistry, 2020, 22, 9-16.	4.8	108
11	Electrochemical Technologies for Detecting and Degrading Benzoquinone Using Diamond Films. ChemElectroChem, 2019, 6, 4383-4390.	3.4	24
12	Effect of anodic materials on solar photoelectro-Fenton process using a diazo dye as a model contaminant. Chemosphere, 2019, 225, 880-889.	8.2	48
13	A sequential process to treat a cashew-nut effluent: Electrocoagulation plus electrochemical oxidation. Journal of Electroanalytical Chemistry, 2019, 834, 79-85.	3.8	15
14	Treatment of an azo dye effluent by peroxi-coagulation and its comparison to traditional electrochemical advanced processes. Chemosphere, 2018, 204, 548-555.	8.2	69
15	Cashew-Nut Effluent: An Anodic Oxidation Treatment Using a Batch Recirculation Reactor with BDD Anode. Journal of the Electrochemical Society, 2018, 165, E659-E664.	2.9	6
16	Indirect Electrochemical Oxidation by Using Ozone, Hydrogen Peroxide, and Ferrate. , 2018, , 165-192.		8
17	Electrochemical abatement of amaranth dye solutions using individual or an assembling of flow cells with Ti/Pt and Ti/Pt-SnSb anodes. Separation and Purification Technology, 2017, 179, 194-203.	7.9	34
18	Electrochemical oxidation of phenolic wastewaters using a batch-stirred reactor with NaCl electrolyte and Ti/RuO <sub>2</sub> anodes. Journal of Electroanalytical Chemistry, 2017, 785, 180-189.	3.8	75

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19	Phenolic wastewaters depuration by electrochemical oxidation process using Ti/IrO <sub>2</sub> anodes. Environmental Science and Pollution Research, 2017, 24, 7521-7533.	5.3	22
20	Electrocatalytic Behavior of Mediators during Anodic Oxidation of Tartaric Acid at Platinum Electrodes. Journal of the Electrochemical Society, 2017, 164, E375-E378.	2.9	5
21	Dye wastewaters treatment using batch and recirculation flow electrocoagulation systems. Journal of Electroanalytical Chemistry, 2017, 801, 30-37.	3.8	45
22	Treatment of Amaranth dye in aqueous solution by using one cell or two cells in series with active and non-active anodes. Electrochimica Acta, 2016, 210, 96-104.	5.2	23
23	Phenolic wastewaters treatment by electrocoagulation process using Zn anode. Chemical Engineering Journal, 2015, 275, 331-341.	12.7	102
24	Treatment of a Synthetic Phenolic Mixture by Electrocoagulation Using Al, Cu, Fe, Pb, and Zn as Anode Materials. Industrial & Engineering Chemistry Research, 2014, 53, 18339-18345.	3.7	28
25	Treatment of a simulated phenolic effluent by heterogeneous catalytic ozonation using Pt/Al <sub>2</sub> O <sub>3</sub> . Environmental Technology (United Kingdom), 2013, 34, 301-311.	2.2	16