

# Stefania Marzorati

## List of Publications by Year in descending order

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29  
papers

1,087  
citations

471509  
17  
h-index

477307  
29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant nutrients recovery from agro-food wastewaters using microbial electrochemical technologies based on porous biocompatible materials. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107453.	6.7	3
2	Pectin-Based Formulations for Controlled Release of an Ellagic Acid Salt with High Solubility Profile in Physiological Media. <i>Molecules</i> , 2021, 26, 433.	3.8	8
3	A new cyanine from oxidative coupling of chlorogenic acid with tryptophan: Assessment of the potential as red dye for food coloring. <i>Food Chemistry</i> , 2021, 348, 129152.	8.2	9
4	Green Extraction Strategies for Sea Urchin Waste Valorization. <i>Frontiers in Nutrition</i> , 2021, 8, 730747.	3.7	3
5	Carotenoids, chlorophylls and phycocyanin from <i>Spirulina</i> : supercritical CO <sub>2</sub> and water extraction methods for added value products cascade. <i>Green Chemistry</i> , 2020, 22, 187-196.	9.0	61
6	Biochar-Terracotta Conductive Composites: New Design for Bioelectrochemical Systems. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	6
7	Cannabidiol from inflorescences of <i>Cannabis sativa</i> L.: Green extraction and purification processes. <i>Industrial Crops and Products</i> , 2020, 155, 112816.	5.2	33
8	Bioactive Phenolic Compounds From Agri-Food Wastes: An Update on Green and Sustainable Extraction Methodologies. <i>Frontiers in Nutrition</i> , 2020, 7, 60.	3.7	208
9	Green Corrosion Inhibitors from Agri-Food Wastes: The Case of <i>Punica granatum</i> Extract and Its Constituent Ellagic Acid. A Validation Study. <i>Processes</i> , 2020, 8, 272.	2.8	16
10	Air-breathing bio-cathodes based on electro-active biochar from pyrolysis of Giant Cane stalks. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4496-4507.	7.1	23
11	Nanoceria acting as oxygen reservoir for biocathodes in microbial fuel cells. <i>Electrochimica Acta</i> , 2019, 325, 134954.	5.2	10
12	Electroactive Biochar for Large-Scale Environmental Applications of Microbial Electrochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18198-18212.	6.7	46
13	Ellagic Acid Recovery by Solid State Fermentation of Pomegranate Wastes by <i>Aspergillus niger</i> and <i>Saccharomyces cerevisiae</i> : A Comparison. <i>Molecules</i> , 2019, 24, 3689.	3.8	29
14	Glycerin-Grafted Starch as Corrosion Inhibitor of C-Mn Steel in 1 M HCl solution. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4684.	2.5	23
15	Green Corrosion Inhibitors from Natural Sources and Biomass Wastes. <i>Molecules</i> , 2019, 24, 48.	3.8	160
16	Microbial recycling cells: First steps into a new type of microbial electrochemical technologies, aimed at recovering nutrients from wastewater. <i>Bioresource Technology</i> , 2019, 277, 117-127.	9.6	20
17	Ligno-cellulosic materials as air-water separators in low-tech microbial fuel cells for nutrients recovery. <i>Journal of Cleaner Production</i> , 2018, 170, 1167-1176.	9.3	22
18	A study of microbial communities on terracotta separator and on biocathode of air breathing microbial fuel cells. <i>Bioelectrochemistry</i> , 2018, 120, 18-26.	4.6	48

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19	Assisting cultivation of photosynthetic microorganisms by microbial fuel cells to enhance nutrients recovery from wastewater. Bioresource Technology, 2017, 237, 240-248.	9.6	80
20	Carbonate scale deactivating the biocathode in a microbial fuel cell. Journal of Power Sources, 2017, 356, 400-407.	7.8	61
21	Catalyst Shelf Life: Its Effect on Nitrogen-Doped Carbon Nanotubes. Journal of Physical Chemistry C, 2017, 121, 16415-16422.	3.1	3
22	Tailored N-Containing Carbons as Catalyst Supports in Alcohol Oxidation. Materials, 2016, 9, 114.	2.9	6
23	Sugar-based catalysts for oxygen reduction reaction. Effects of the functionalization of the nitrogen precursors on the electrocatalytic activity. Electrochimica Acta, 2016, 222, 781-792.	5.2	17
24	Templating induced behavior of platinum-free carbons for oxygen reduction reaction. Journal of Electroanalytical Chemistry, 2016, 775, 350-355.	3.8	3
25	Fe local structure in Pt-free nitrogen-modified carbon based electrocatalysts: XAFS study. Journal of Physics: Conference Series, 2016, 712, 012131.	0.4	2
26	Photocatalytic activity of TiO <sub>2</sub> -WO <sub>3</sub> mixed oxides in relation to electron transfer efficiency. Applied Catalysis B: Environmental, 2016, 186, 157-165.	20.2	122
27	Low-temperature intermediates to oxygen reduction reaction catalysts based on amine-modified metal-loaded carbons. An XPS and ss-NMR investigation. Materials Chemistry and Physics, 2015, 162, 234-243.	4.0	25
28	Template-free ultraspray pyrolysis synthesis of N/Fe-doped carbon microspheres for oxygen reduction electrocatalysis. Journal of Materials Chemistry A, 2015, 3, 18920-18927.	10.3	25
29	Effects of catalyst aging on the growth morphology and oxygen reduction activity of nitrogen-doped carbon nanotubes. Electrochemistry Communications, 2015, 51, 27-32.	4.7	15