

# Verónica Martínez-Miranda

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

821  
citations

566801

15  
h-index

525886

27  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial wastewater treatment by electrocoagulation and electrooxidation processes powered by solar cells. <i>Fuel</i> , 2015, 149, 46-54.	3.4	91
2	Evaluation of Natural and Surfactant-Modified Zeolites in the Removal of Cadmium from Aqueous Solutions. <i>Separation Science and Technology</i> , 2004, 39, 2711-2730.	1.3	68
3	Production of oxidants via electrolysis of carbonate solutions with conductive-diamond anodes. <i>Chemical Engineering Journal</i> , 2013, 230, 272-278.	6.6	59
4	Comparison of aluminum modified natural materials in the removal of fluoride ions. <i>Journal of Colloid and Interface Science</i> , 2014, 418, 254-260.	5.0	55
5	Removal of fluoride ions from drinking water and fluoride solutions by aluminum modified iron oxides in a column system. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 410-415.	5.0	52
6	Photocatalytically enhanced Cr(VI) removal by mixed oxides derived from MeAl (Me:Mg and/or Zn) layered double hydroxides. <i>Applied Catalysis B: Environmental</i> , 2013, 140-141, 546-551.	10.8	50
7	Aluminum and lanthanum effects in natural materials on the adsorption of fluoride ions. <i>Journal of Fluorine Chemistry</i> , 2013, 148, 6-13.	0.9	47
8	Synthesis of TiO <sub>2</sub> catalysts doped with Cu, Fe, and Fe/Cu supported on clinoptilolite zeolite by an electrochemical-thermal method for the degradation of diclofenac by heterogeneous photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 380, 111834.	2.0	33
9	The corrosive nature of manganese in drinking water. <i>Science of the Total Environment</i> , 2013, 447, 10-16.	3.9	30
10	Fluoride Ions Behavior in the Presence of Corrosion Products of Iron: Effects of Other Anions. <i>Separation Science and Technology</i> , 2011, 46, 1443-1449.	1.3	20
11	Evaluation and comparison of advanced oxidation processes for the degradation of 2,4-dichlorophenoxyacetic acid (2,4-D): a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26325-26358.	2.7	19
12	Azo dyes as electron transfer mediators in the electrochemical reduction of Cr(VI) using boron-doped diamond electrodes. <i>Fuel</i> , 2013, 110, 12-16.	3.4	18
13	Adsorption-regeneration by heterogeneous Fenton process using modified carbon and clay materials for removal of indigo blue. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1843-1856.	1.2	18
14	Distribution and partitioning of iron, zinc, and arsenic in surface sediments in the Grande River mouth to Cuitzeo Lake, Mexico. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 331-346.	1.3	17
15	Biodegradability index enhancement of landfill leachates using a Solar Galvanic-Fenton and Galvanic-Fenton system coupled to an anaerobic-aerobic bioreactor. <i>Solar Energy</i> , 2019, 188, 989-1001.	2.9	16
16	Sorption Behavior of 4-Chlorophenol from Aqueous Solutions By a Surfactant-modified Mexican Zeolitic Rock in Batch and Fixed Bed Systems. <i>Water, Air, and Soil Pollution</i> , 2007, 183, 85-94.	1.1	15
17	Removal of remazol yellow from aqueous solutions by unmodified and stabilized iron modified clay. <i>Applied Clay Science</i> , 2013, 80-81, 219-225.	2.6	15
18	Wastewater treatment of methyl methacrylate (MMA) by Fenton's reagent and adsorption. <i>Catalysis Today</i> , 2014, 220-222, 39-48.	2.2	13

#	ARTICLE	IF	CITATIONS
19	Removal Behavior of Cobalt from Aqueous Solutions by a Sodium-Modified Zeolitic Tuff. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	13
20	Removal of Cadmium By Natural and Surfactant-Modified Mexican Zeolitic Rocks in Fixed Bed Columns. <i>Water, Air, and Soil Pollution</i> , 2009, 196, 199-210.	1.1	12
21	Behavior of Fluoride Removal by Aluminum Modified Zeolitic Tuff and Hematite in Column Systems and the Thermodynamic Parameters of the Process. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	11
22	Comparison of Fe-Al-modified natural materials by an electrochemical method and chemical precipitation for the adsorption of F <sup>-</sup> and As(V). <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1079-1088.	1.1	10
23	Treatment of Indigo-Dyed Textile Wastewater Using Solar Photo-Fenton with Iron-Modified Clay and Copper-Modified Carbon. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	11
24	Phosphate removal from food industry wastewater by chemical precipitation treatment with biocalcium eggshell. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 549-565.	0.9	10
25	Removal of fluoride from well water by modified iron oxides in a column system. <i>Desalination and Water Treatment</i> , 2016, 57, 2125-2133.	1.0	9
26	Peroxi-coagulation and Solar Peroxi-coagulation for Landfill Leachate Treatment Using a Cu-Fe System. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	9
27	Aluminum and calcium effects on the adsorption of fluoride ions by corrosion products. <i>Journal of Fluorine Chemistry</i> , 2013, 145, 136-140.	0.9	8
28	Competing Effects of Chloride, Nitrate, and Sulfate Ions on the Removal of Fluoride by a Modified Zeolitic Tuff. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	8
29	Electrooxidation Performance of Aqueous Solution of Nonylphenol Decaethoxylate and Denim Wastewater. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	7
30	Photo-electrooxidation treatment of Acetaminophen in aqueous solution using BDD-Fe and BDD-Cu systems. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1189-1199.	1.2	7
31	Industrial wastewater treatment using magnesium electrocoagulation in batch and continuous mode. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 269-288.	0.9	7
32	Photolysis and heterogeneous solar photo-Fenton for slaughterhouse wastewater treatment using an electrochemically modified zeolite as catalyst. <i>Separation Science and Technology</i> , 2022, 57, 822-841.	1.3	7
33	Ethylenediamine effect on Co <sup>2+</sup> uptake by zeolite Y. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1995, 191, 89-98.	0.7	6
34	Physical, chemical, bacteriological and radioisotopic parameters from springs and wells around Jocotitlan volcano, Mexico. <i>International Journal of Environment and Pollution</i> , 2006, 26, 266.	0.2	6
35	Boron-Doped Diamond Electrode Performance in Cr(VI) Reduction Using Synthetic and Plating Wastewater. <i>Separation Science and Technology</i> , 2013, 48, 2900-2909.	1.3	6
36	Behavior of TOC and Color in the Presence of Iron-Modified Activated Carbon in Methyl Methacrylate Wastewater in Batch and Column Systems. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	6

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37	Modification of the Relative Abundance of Constituents Dissolved in Drinking Water Caused by Organic Pollution: a Case of the Toluca Valley, Mexico. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	5
38	Electro-oxidation and solar electro-oxidation of commercial carbamazepine: effect of the support electrolyte. <i>Separation Science and Technology</i> , 2022, 57, 465-483.	1.3	5
39	As and $\text{F}^-$ cooccurrence in drinking water: critical review of the international scenario, physicochemical behavior, removal technologies, health effects, and future trends. <i>Environmental Science and Pollution Research</i> , 2022, 29, 38768-38796.	2.7	5
40	Removal of inorganic chemical species and organic matter from slaughterhouse wastewater via calcium acetate synthesized from eggshell. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 295-305.	0.9	4
41	Chemical oxygen demand, total organic carbon and colour reduction in slaughterhouse wastewater by unmodified and iron-modified clinoptilolite-rich tuff. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1541-1548.	1.2	3
42	Defluoridation of drinking water by magnesium and aluminum electrocoagulation in continuous flow-rate: a response surface design. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3646-3660.	1.2	2
43	Tratamiento del diclofenaco en solución acuosa mediante electro-oxidación utilizando electrodos de DDB. <i>Tecnología Y Ciencias Del Agua</i> , 2021, 12, 335-383.	0.1	2
44	Determination of 2,4-D in aqueous solution by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 241, 323-325.	0.7	1
45	Cr(VI) Reduction in Aqueous Solution by Electrochemical Process Using Boron Doped Diamond Electrode (BDD). <i>ECS Transactions</i> , 2011, 36, 313-321.	0.3	1
46	Behavior of Fluoride Ions in the Presence of Lanthanum and Magnesium Modified Corrosion Products. <i>Separation Science and Technology</i> , 2015, 50, 1461-1468.	1.3	1
47	Gestión de los residuos sólidos urbanos y su efecto en el aire, agua y suelo. <i>Revista Alfa</i> , 2021, 5, .	0.1	1
48	Acid mine drainage (AMD) treatment using galvanic electrochemical system Al-Cu. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 4424-4440.	1.2	1
49	Removal of Non-Biodegradable Compounds in a Complex Industrial Wastewater by Electrocoagulation - Activated Sludge Processes. <i>ECS Transactions</i> , 2010, 29, 227-239.	0.3	0
50	Reduction of Cr(VI) from the Electroplating Industry Using an Iron-BDD Electrochemical System. <i>ECS Transactions</i> , 2011, 36, 331-339.	0.3	0
51	Improvement of Hexavalent Chromium Reduction Applying Boron Doped Diamond as Cathode Material. <i>ECS Transactions</i> , 2013, 47, 235-244.	0.3	0