

# Luis Adrián Ramírez-Montoya

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

363  
citations

932766

10  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing the removal of fluoride from water using new carbons obtained by modification of nut shell with a calcium solution from egg shell. <i>Biochemical Engineering Journal</i> , 2012, 62, 1-7.	1.8	87
2	Sorption mechanism of anionic dyes on pecan nut shells ( <i>Carya illinoensis</i> ) using batch and continuous systems. <i>Industrial Crops and Products</i> , 2013, 48, 89-97.	2.5	54
3	Decolorization of dyes with different molecular properties using free and immobilized laccases from <i>Trametes versicolor</i> . <i>Journal of Molecular Liquids</i> , 2015, 212, 30-37.	2.3	53
4	Correlation between mesopore volume of carbon supports and the immobilization of laccase from <i>Trametes versicolor</i> for the decolorization of Acid Orange 7. <i>Journal of Environmental Management</i> , 2015, 162, 206-214.	3.8	29
5	Optimizing the preparation of carbonaceous adsorbents for the selective removal of textile dyes by using Taguchi methodology. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 109, 9-20.	2.6	24
6	Preparation, characterization and analyses of carbons with natural and induced calcium compounds for the adsorption of fluoride. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 105, 75-82.	2.6	20
7	Load-dependent surface diffusion model for analyzing the kinetics of protein adsorption onto mesoporous materials. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 27-38.	5.0	16
8	Multiphase graphitisation of carbon xerogels and its dependence on their pore size. <i>Carbon</i> , 2019, 152, 704-714.	5.4	14
9	Removal of phosphate and aluminum from water in single and binary systems using iron-modified carbons. <i>Journal of Molecular Liquids</i> , 2021, 323, 114586.	2.3	14
10	Protein adsorption and activity on carbon xerogels with narrow pore size distributions covering a wide mesoporous range. <i>Carbon</i> , 2017, 118, 743-751.	5.4	12
11	Tortuosity of the porous structure of carbon gels. <i>Carbon</i> , 2021, 171, 921-930.	5.4	10
12	Adsorption of impurities from nickel-plating baths using commercial sorbents to reduce wastewater discharges. <i>Journal of Environmental Management</i> , 2021, 284, 112024.	3.8	9
13	3-D structured porous carbons with virtually any shape from whey powders. <i>Carbon</i> , 2021, 175, 403-412.	5.4	8
14	Facile Synthesis of Unsupported Pd Aerogel for High Performance Formic Acid Microfluidic Fuel Cell. <i>Materials</i> , 2022, 15, 1422.	1.3	7
15	Enhanced anaerobic treatment of synthetic protein-rich wastewater promoted by organic xerogels. <i>Biodegradation</i> , 2022, 33, 255-265.	1.5	5
16	MOLDABLE AND MACHINABLE POROUS CARBON STRUCTURES OBTAINED FROM WHEY. <i>Dyna (Spain)</i> , 2021, 96, 422-428.	0.1	1