

# Moisés, P M

## List of Publications by Year in descending order

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papers

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citations

567281

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times ranked

1105  
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#	ARTICLE	IF	CITATIONS
1	Ultrasmall Cobalt Nanoparticles as a Catalyst for PET Glycolysis: A Green Protocol for Pure Hydroxyethyl Terephthalate Precipitation without Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12017-12024.	6.7	93
2	Mechanical properties of a polyurethane hybrid composite with natural lignocellulosic fibers. <i>Composites Part B: Engineering</i> , 2017, 110, 459-465.	12.0	86
3	Synthesis of zeolite NaA from sugarcane bagasse ash. <i>Materials Letters</i> , 2013, 108, 243-246.	2.6	70
4	AuNp@MOF composite as electrochemical material for determination of bisphenol A and its oxidation behavior study. <i>New Journal of Chemistry</i> , 2016, 40, 8872-8877.	2.8	53
5	In-Situ Direct Synthesis of HKUST-1 in Wool Fabric for the Improvement of Antibacterial Properties. <i>Polymers</i> , 2019, 11, 713.	4.5	48
6	Bionanocomposites based on mesoporous silica and alginate for enhanced drug delivery. <i>Carbohydrate Polymers</i> , 2018, 196, 126-134.	10.2	43
7	Preparation and characterization of calcium treated bentonite clay and its application for the removal of lead and cadmium ions: Adsorption and thermodynamic modeling. <i>Chemical Engineering Research and Design</i> , 2017, 111, 244-252.	5.6	37
8	Enhanced removal of bisphenol A using pine-fruit shell-derived hydrochars: Adsorption mechanisms and reusability. <i>Journal of Hazardous Materials</i> , 2021, 416, 126167.	12.4	33
9	Hydrochars based on cigarette butts as a recycled material for the adsorption of pollutants. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7054-7061.	6.7	31
10	Synthesis of Zn-BTC metal organic framework assisted by a home microwave oven and their unusual morphologies. <i>Materials Letters</i> , 2016, 182, 231-234.	2.6	29
11	Synthesis and characterization of mesoporous silica-coated magnetite containing cetyltrimethylammonium bromide and evaluation on the adsorption of sodium dodecylbenzenesulfonate. <i>Applied Surface Science</i> , 2017, 420, 954-962.	6.1	24
12	Solventless preparation of Fe <sub>3</sub> O <sub>4</sub> and Co <sub>3</sub> O <sub>4</sub> nanoparticles: A mechanochemical approach. <i>Materials Chemistry and Physics</i> , 2019, 226, 318-322.	4.0	19
13	Synthesis of $\beta$ -aminophosphonates using a mesoporous silica catalyst produced from sugarcane bagasse ash. <i>RSC Advances</i> , 2016, 6, 23981-23986.	3.6	18
14	Evaluation of the synthetic methods for preparing metal organic frameworks with transition metals. <i>AIMS Materials Science</i> , 2018, 5, 467-478.	1.4	18
15	Simple, fast, and low-cost synthesis of MIL-100 and MIL-88B in a modified domestic microwave oven. <i>Materials Letters</i> , 2020, 276, 128127.	2.6	16
16	Synthesis of zeolite from multilayer food packing and sugar cane bagasse ash for CO <sub>2</sub> adsorption. <i>RSC Advances</i> , 2014, 4, 48576-48581.	3.6	11
17	One-step Electrochemical Synthesis of Polyaniline/Metallic Oxide Nanoparticle ( $\beta$ -Fe <sub>2</sub> O <sub>3</sub> ) Thin Film. <i>International Journal of Electrochemical Science</i> , 2016, , 5380-5394.	1.3	11
18	Reuse of Waste Pickling Acid for the Production of Hydrochloric Acid Solution, Iron(II) Chloride and Magnetic Iron Oxide: An Eco-Friendly Process. <i>Waste and Biomass Valorization</i> , 2021, 12, 1517-1528.	3.4	10

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19	Physical-chemical properties of dental composites and adhesives containing silane-modified SBA-15. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 80, 277-284.	3.1	9
20	Synthesis of Al <sub>2</sub> O <sub>3</sub> -nanowhisker-based HKUST1 MOF composites. Materials Chemistry and Physics, 2019, 232, 446-451.	4.0	8
21	Highly ordered SBA-16 with low nickel amount for enhanced adsorption of methylene blue. Journal of Environmental Chemical Engineering, 2018, 6, 3898-3906.	6.7	7
22	Synthesis of metal nanoparticles for use as nanocatalysts in pet recycling. Acta Scientiarum - Technology, 2019, 41, 37303.	0.4	5
23	Nanopartículas de sílica silanizada como compatibilizante em compósitos de fibras de sisal/polietileno. Polimeros, 2017, 27, 61-69.	0.7	4
24	Hydrothermal treatment of sisal fiber for composite preparation. Journal of Composite Materials, 2019, 53, 2337-2347.	2.4	4
25	An Optimized Process for Recycling Silicon Chemical Compounds from Agro-Industry Solid Waste. Industrial & Engineering Chemistry Research, 2019, 58, 4511-4517.	3.7	4
26	Mechanical recycling of tags and labels residues using sugarcane bagasse ash. Polimeros, 2017, 27, 8-15.	0.7	3
27	Influence of addition of silanized nanosilica and glycerol on hydrophobicity of starch using a factorial design. Polimeros, 2017, 27, 213-219.	0.7	3
28	The influence of calcium-rich environments in siliceous industrial residues on the hydration reaction of cementitious mixtures. Journal of Cleaner Production, 2019, 225, 152-162.	9.3	3
29	Preparation of a sustainable Zeolite A using an agroindustry solid waste loaded with silver nanoparticles: Antimicrobial activity study. Materials Letters, 2022, 308, 131194.	2.6	3
30	Removal of astrazon blue dye from aqueous media by a low-cost adsorbent from coal mining. Desalination and Water Treatment, 2016, 57, 27213-27225.	1.0	2