

Lorena Alcaraz Romo

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

470
citations

758635

12
h-index

794141

19
g-index

47
all docs

47
docs citations

47
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Coffee-derived activated carbon from second biowaste for supercapacitor applications. Waste Management, 2021, 120, 280-289.	3.7	97
2	Preparation and characterization of activated carbons from winemaking wastes and their adsorption of methylene blue. Adsorption Science and Technology, 2018, 36, 1331-1351.	1.5	42
3	Removal of Pb ²⁺ in Wastewater via Adsorption onto an Activated Carbon Produced from Winemaking Waste. Metals, 2018, 8, 697.	1.0	39
4	Extraction of polyphenols and synthesis of new activated carbon from spent coffee grounds. Scientific Reports, 2019, 9, 17706.	1.6	27
5	Dysprosium Removal from Water Using Active Carbons Obtained from Spent Coffee Ground. Nanomaterials, 2019, 9, 1372.	1.9	23
6	New photocatalytic materials obtained from the recycling of alkaline and Zn/C spent batteries. Journal of Materials Research and Technology, 2019, 8, 2809-2818.	2.6	17
7	Synthesis and study of Y _{0.9} Ln _{0.1} VO ₄ nanophosphors and Y _{0.9} Ln _{0.1} VO ₄ @SiO ₂ luminescent nanocomposites with Ln=Eu, Dy, Er. Ceramics International, 2017, 43, 5311-5318.	2.3	15
8	From spent alkaline batteries to Zn _x Mn _{3-x} O ₄ by a hydrometallurgical route: synthesis and characterization. RSC Advances, 2018, 8, 33496-33505.	1.7	15
9	Application of Activated Carbon Obtained from Spent Coffee Ground Wastes to Effective Terbium Recovery from Liquid Solutions. Metals, 2021, 11, 630.	1.0	13
10	Effect of synthesis conditions on the structural characteristics and luminescence properties of Y _{0.9} Eu _{0.1} V _{1-x} Cr _x O ₄ (0 ≤ x ≤ 0.5) nanopowders. Materials Chemistry and Physics, 2014, 145, 18-26.	2.0	12
11	Effects of preparation method and pH variation on the structural characteristics and luminescence properties of Y _{0.9} Er _{0.1} VO ₄ and Y _{0.9} Er _{0.1} V _{0.9} Cr _{0.1} O ₄ nanopowders. Journal of Luminescence, 2015, 165, 105-114.	1.5	12
12	Nanopowders Y _{1-y} Nd _y V _{1-x} Cr _x O ₄ with y=0 and 1; x=0, 0.1, 0.2 and 0.5 synthesized by a sol-gel process. Relationship between morphological characteristics and optical properties. Journal of Luminescence, 2015, 161, 110-116.	1.5	12
13	Activated Carbons From Winemaking Biowastes for Electrochemical Double-Layer Capacitors. Frontiers in Chemistry, 2020, 8, 686.	1.8	10
14	Preparation of Ca _{0.5} Zr ₂ (PO ₄) ₃ and Ca _{0.45} Eu _{0.05} Zr ₂ (PO ₄) ₃ nanopowders: structural characterization and luminescence emission study. Journal Physics D: Applied Physics, 2016, 49, 115501.	1.3	9
15	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from Ophiostoma piceae. Molecules, 2019, 24, 1313.	1.7	7
16	Influence of the synthesis conditions of Y _{0.9} Dy _{0.1} VO ₄ and silica-coated Y _{0.9} Dy _{0.1} VO ₄ nanophosphors on the powder morphology and luminescence emission intensity. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	7
17	Application of a Low-Cost Cellulose-Based Bioadsorbent for the Effective Recovery of Terbium Ions from Aqueous Solutions. Metals, 2020, 10, 1641.	1.0	7
18	Hybrid Hierarchical Heterostructures of Nanoceramic Phosphors as Imaging Agents for Multiplexing and Living Cancer Cells Translocation. ACS Applied Bio Materials, 2021, 4, 4105-4118.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Effective removal of hydrogen sulfide using Mn-based recovered oxides from recycled batteries. <i>Chemical Engineering Journal</i> , 2021, 419, 129669.	6.6	7
20	Immobilized Forms of the <i>Ophiostoma piceae</i> Lipase for Green Synthesis of Biodiesel. Comparison with Eversa Transform 2.0 and Cal A. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 822.	1.5	7
21	Microporous adsorbent from winemaking waste for the recovery of Mn(VII) in liquid solutions. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 447-457.	0.9	6
22	Obtention and Characterization of Ferrous Chloride $FeCl_2 \cdot 4H_2O$ from Water Pickling Liquors. <i>Materials</i> , 2021, 14, 4840.	1.3	6
23	Removal of copper ions from wastewater by adsorption onto a green adsorbent from winemaking wastes. <i>BioResources</i> , 2020, 15, 1112-1133.	0.5	6
24	Extraction of Lanthanum Oxide from Different Spent Fluid Catalytic Cracking Catalysts by Nitric Acid Leaching and Cyanex 923 Solvent Extraction Methods. <i>Metals</i> , 2022, 12, 378.	1.0	6
25	Effect of lanthanum content on physicochemical properties and thermal evolution of spent and beneficiated spent FCC catalysts. <i>Ceramics International</i> , 2022, 48, 17691-17702.	2.3	6
26	Comparative study of $Y_{0.9}Er_{0.1}V_{1-x}P_xO_4$ nanophosphors with $x=0, 0.1, 0.5, 0.9$ and 1 prepared by sol-gel and hydrothermal processes. <i>Journal of Alloys and Compounds</i> , 2016, 687, 754-764.	2.8	5
27	Synthesis and study of $(Ca/Ba)_{0.45}Eu_{0.05}Zr_2(PO_4)_3$ nanophosphors and $(Ca/Ba)_{0.45}Eu_{0.05}Zr_2(PO_4)_3@SiO_2$ nanostructures with blue-green emission. <i>Journal of Luminescence</i> , 2018, 204, 633-641.	1.5	5
28	Photocatalytic Activity of $Zn_xMn_{3-x}O_4$ Oxides and ZnO Prepared From Spent Alkaline Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 661.	1.8	5
29	Synthesis, structural, electrical and optical properties of $LiPr(PO_3)_4$. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121459.	1.4	5
30	Characterization of Nb_2O_5 microrods grown from niobium oxide powders recovered from mine tailings. <i>Ceramics International</i> , 2021, 47, 13859-13864.	2.3	5
31	Photocatalytic activity of electric-arc furnace flue dusts. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1261-1272.	2.6	4
32	Obtaining and Characterization of Highly Crystalline Recycled Graphites from Different Types of Spent Batteries. <i>Materials</i> , 2022, 15, 3246.	1.3	4
33	Síntesis, caracterización estructural y morfológica de nanofosforos $Ca_{0.45}Eu_{0.05}Zr_2(PO_4)_3$. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2015, 54, 236-240.	0.9	3
34	Characterization of $K_6Ta_{10}O_{30}$ Microrods with Tetragonal Tungsten Bronze-Like Structure Obtained from Tailings from the Penouta Sn-Ta-Nb Deposit. <i>Nanomaterials</i> , 2020, 10, 2289.	1.9	2
35	New Bioadsorbent Derived from Winemaking Waste Cluster Stalks: Application to the Removal of Toxic Cr(VI) from Liquid Effluents. <i>Applied Sciences</i> (Switzerland), 2020, 10, 9026.	1.3	2
36	Transport of Au(III) from HCl Medium across a Liquid Membrane Using $R_3NH^+Cl^-$ /Toluene Immobilized on a Microporous Hydrophobic Support: Optimization and Modelling. <i>Membranes</i> , 2020, 10, 432.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Niobium Oxide and Tantalum Oxide Micro- and Nanostructures Grown Using Material Recovered from Mining Tailings. Materials Proceedings, 2021, 3, .	0.2	0