

# Lorena Alcaraz Romo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9186800/publications.pdf>

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	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
2	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
3	Obtaining and Characterization of Highly Crystalline Recycled Graphites from Different Types of Spent Batteries. <i>Materials</i> , 2022, 15, 3246.	1.3	4
4	Coffee-derived activated carbon from second biowaste for supercapacitor applications. <i>Waste Management</i> , 2021, 120, 280-289.	3.7	97
5	Microporous adsorbent from winemaking waste for the recovery of Mn(II) in liquid solutions. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 447-457.	0.9	6
6	Niobium Oxide and Tantalum Oxide Micro- and Nanostructures Grown Using Material Recovered from Mining Tailings. <i>Materials Proceedings</i> , 2021, 3, .	0.2	0
7	Hybrid Hierarchical Heterostructures of Nanoceramic Phosphors as Imaging Agents for Multiplexing and Living Cancer Cells Translocation. <i>ACS Applied Bio Materials</i> , 2021, 4, 4105-4118.	2.3	7
8	Application of Activated Carbon Obtained from Spent Coffee Ground Wastes to Effective Terbium Recovery from Liquid Solutions. <i>Metals</i> , 2021, 11, 630.	1.0	13
9	Characterization of Nb <sub>2</sub> O <sub>5</sub> microrods grown from niobium oxide powders recovered from mine tailings. <i>Ceramics International</i> , 2021, 47, 13859-13864.	2.3	5
10	Obtention and Characterization of Ferrous Chloride FeCl <sub>2</sub> ·4H <sub>2</sub> O from Water Pickling Liquors. <i>Materials</i> , 2021, 14, 4840.	1.3	6
11	Effective removal of hydrogen sulfide using Mn-based recovered oxides from recycled batteries. <i>Chemical Engineering Journal</i> , 2021, 419, 129669.	6.6	7
12	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 (Basel, Switzerland)</i> , 2021, 7, 822.	1.5	7
13	Photocatalytic activity of electric-arc furnace flue dusts. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1261-1272.	2.6	4
14	Characterization of K <sub>6</sub> Ta <sub>10</sub> O <sub>30</sub> 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
15	Photocatalytic Activity of Zn <sub>x</sub> Mn <sub>3-x</sub> O <sub>4</sub> Oxides and ZnO Prepared From Spent Alkaline Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 661.	1.8	5
16	Activated Carbons From Winemaking Biowastes for Electrochemical Double-Layer Capacitors. <i>Frontiers in Chemistry</i> , 2020, 8, 686.	1.8	10
17	Transport of Au(III) from HCl Medium across a Liquid Membrane Using R <sub>3</sub> NH <sup>+</sup> Cl <sup>-</sup> /Toluene Immobilized on a Microporous Hydrophobic Support: Optimization and Modelling. <i>Membranes</i> , 2020, 10, 432.	1.4	1
18	New Bioadsorbent Derived from Winemaking Waste Cluster Stalks: Application to the Removal of Toxic Cr(VI) from Liquid Effluents. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9026.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Application of a Low-Cost Cellulose-Based Bioadsorbent for the Effective Recovery of Terbium Ions from Aqueous Solutions. <i>Metals</i> , 2020, 10, 1641.	1.0	7
20	Synthesis, structural, electrical and optical properties of LiPr(PO <sub>3</sub> ) <sub>4</sub> . <i>Journal of Solid State Chemistry</i> , 2020, 289, 121459.	1.4	5
21	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
22	Dysprosium Removal from Water Using Active Carbons Obtained from Spent Coffee Ground. <i>Nanomaterials</i> , 2019, 9, 1372.	1.9	23
23	New photocatalytic materials obtained from the recycling of alkaline and Zn/C spent batteries. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2809-2818.	2.6	17
24	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from <i>Ophiostoma piceae</i> . <i>Molecules</i> , 2019, 24, 1313.	1.7	7
25	Influence of the synthesis conditions of Y <sub>0.9</sub> Dy <sub>0.1</sub> VO <sub>4</sub> and silica-coated Y <sub>0.9</sub> Dy <sub>0.1</sub> VO <sub>4</sub> nanophosphors on the powder morphology and luminescence emission intensity. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	7
26	Extraction of polyphenols and synthesis of new activated carbon from spent coffee grounds. <i>Scientific Reports</i> , 2019, 9, 17706.	1.6	27
27	From spent alkaline batteries to Zn <sub>x</sub> Mn <sub>3x</sub> O <sub>4</sub> by a hydrometallurgical route: synthesis and characterization. <i>RSC Advances</i> , 2018, 8, 33496-33505.	1.7	15
28	Removal of Pb <sup>2+</sup> in Wastewater via Adsorption onto an Activated Carbon Produced from Winemaking Waste. <i>Metals</i> , 2018, 8, 697.	1.0	39
29	Synthesis and study of (Ca/Ba) <sub>0.45</sub> Eu <sub>0.05</sub> Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> nanophosphors and (Ca/Ba) <sub>0.45</sub> Eu <sub>0.05</sub> Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @SiO <sub>2</sub> nanostructures with blue-green emission. <i>Journal of Luminescence</i> , 2018, 204, 633-641.	1.5	5
30	Preparation and characterization of activated carbons from winemaking wastes and their adsorption of methylene blue. <i>Adsorption Science and Technology</i> , 2018, 36, 1331-1351.	1.5	42
31	Synthesis and study of Y <sub>0.9</sub> Ln <sub>0.1</sub> VO <sub>4</sub> nanophosphors and Y <sub>0.9</sub> Ln <sub>0.1</sub> VO <sub>4</sub> @SiO <sub>2</sub> luminescent nanocomposites with Ln=Eu, Dy, Er. <i>Ceramics International</i> , 2017, 43, 5311-5318.	2.3	15
32	Comparative study of Y <sub>0.9</sub> Er <sub>0.1</sub> V <sub>1-x</sub> P <sub>x</sub> O <sub>4</sub> 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
33	Preparation of Ca <sub>0.5</sub> Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> and Ca <sub>0.45</sub> Eu <sub>0.05</sub> Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> nanopowders: structural characterization and luminescence emission study. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 115501.	1.3	9
34	Effects of preparation method and pH variation on the structural characteristics and luminescence properties of Y <sub>0.9</sub> Er <sub>0.1</sub> VO <sub>4</sub> and Y <sub>0.9</sub> Er <sub>0.1</sub> V <sub>0.9</sub> Cr <sub>0.1</sub> O <sub>4</sub> nanopowders. <i>Journal of Luminescence</i> , 2015, 165, 105-114.	1.5	12
35	Nanopowders Y <sub>1-y</sub> Nd <sub>y</sub> V <sub>1-x</sub> Cr <sub>x</sub> O <sub>4</sub> 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. <i>Journal of Luminescence</i> , 2015, 161, 110-116.	1.5	12
36	Síntesis, caracterización estructural y morfológica de nanofosforos Ca <sub>0,45</sub> Eu <sub>0,05</sub> Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> . <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2015, 54, 236-240.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Effect of synthesis conditions on the structural characteristics and luminescence properties of $Y_{0.9}Eu_{0.1}V_{1-x}Cr_xO_4$ ( $0 \leq x \leq 0.5$ ) nanopowders. <i>Materials Chemistry and Physics</i> , 2014, 145, 18-26.	2.0	12