

Joselito P Labis

List of Publications by Year in descending order

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73
papers

1,998
citations

257450

24
h-index

254184

43
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73
all docs

73
docs citations

73
times ranked

2512
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and applications of core-shell, hollow core, and nanorattle multifunctional nanostructures. <i>Nanoscale</i> , 2016, 8, 2510-2531.	5.6	283
2	Synthesis and application of Fe ₃ O ₄ @SiO ₂ @TiO ₂ for photocatalytic decomposition of organic matrix simultaneously with magnetic solid phase extraction of heavy metals prior to ICP-MS analysis. <i>Talanta</i> , 2016, 154, 539-547.	5.5	134
3	Synthesis and characterization of ZnO nanoparticles by thermal decomposition of a curcumin zinc complex. <i>Arabian Journal of Chemistry</i> , 2014, 7, 1178-1184.	4.9	111
4	Luminescent mesoporous LaVO ₄ :Eu ³⁺ core-shell nanoparticles: synthesis, characterization, biocompatibility and their cytotoxicity. <i>Journal of Materials Chemistry</i> , 2011, 21, 19310.	6.7	97
5	Simple and facile synthesis of amino functionalized hollow core-shell mesoporous shell silica spheres using anionic surfactant for Pb(II), Cd(II), and Zn(II) adsorption and recovery. <i>Chemical Engineering Journal</i> , 2014, 251, 441-451.	12.7	95
6	In-vitro cyto-toxicity, geno-toxicity, and bio-imaging evaluation of one-pot synthesized luminescent functionalized mesoporous SiO ₂ @Eu(OH) ₃ core-shell microspheres. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1328-1335.	3.3	64
7	Carbon-coated Fe ₃ O ₄ nanoparticles with surface amido groups for magnetic solid phase extraction of Cr(III), Co(II), Cd(II), Zn(II) and Pb(II) prior to their quantitation by ICP-MS. <i>Mikrochimica Acta</i> , 2017, 184, 2645-2651.	5.0	64
8	One-pot synthesis and photoluminescence properties of luminescent functionalized mesoporous SiO ₂ @Tb(OH) ₃ core-shell nanospheres. <i>Journal of Materials Chemistry</i> , 2012, 22, 16649.	6.7	61
9	<i>Pulicaria glutinosa</i> Extract: A Toolbox to Synthesize Highly Reduced Graphene Oxide-Silver Nanocomposites. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1131-1142.	4.1	53
10	Catalytic performance of the Ce-doped LaCoO ₃ perovskite nanoparticles. <i>Scientific Reports</i> , 2020, 10, 15012.	3.3	50
11	Synthesis, Structural and Optical Properties of Mn-Doped Ceria Nanoparticles: A Promising Catalytic Material. <i>Acta Metallurgica Sinica (English Letters)</i> , 2016, 29, 265-273.	2.9	43
12	A novel Ag/PANI/ZnTiO ₃ ternary nanocomposite as a highly efficient visible-light-driven photocatalyst. <i>Separation and Purification Technology</i> , 2021, 256, 117847.	7.9	43
13	Influence of Surface Coating on Structural and Photoluminescent Properties of CaMoO ₄ :Pr Nanoparticles. <i>Journal of Fluorescence</i> , 2014, 24, 1253-1262.	2.5	42
14	Mesoporous multi-silica layer-coated Y ₂ O ₃ :Eu core-shell nanoparticles: Synthesis, luminescent properties and cytotoxicity evaluation. <i>Materials Science and Engineering C</i> , 2019, 96, 365-373.	7.3	42
15	Mercaptobenzothiazole-functionalized magnetic carbon nanospheres of type Fe ₃ O ₄ @SiO ₂ @C for the preconcentration of nickel, copper and lead prior to their determination by ICP-MS. <i>Mikrochimica Acta</i> , 2016, 183, 2377-2384.	5.0	41
16	Fabrication of robust nanostructured (Zr)BiVO ₄ /nickel hexacyanoferrate core/shell photoanodes for solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 863-870.	20.2	40
17	Impact of precursor sequence of addition for one-pot synthesis of Cr-MCM-41 catalyst nanoparticles to enhance ethane oxidative dehydrogenation with carbon dioxide. <i>Ceramics International</i> , 2019, 45, 1125-1134.	4.8	38
18	Designing of luminescent GdPO ₄ :Eu@LaPO ₄ @SiO ₂ core/shell nanorods: Synthesis, structural and luminescence properties. <i>Solid State Sciences</i> , 2017, 71, 117-122.	3.2	34

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19	Synthesis of double mesoporous core-shell silica spheres with tunable core porosity and their drug release and cancer cell apoptosis properties. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 83-92.	9.4	33
20	Effect of cobalt doping on structural, optical and redox properties cerium oxide nanoparticles. <i>Phase Transitions</i> , 2016, 89, 261-272.	1.3	32
21	Influence of copper ion doping on structural, optical and redox properties of CeO ₂ nanoparticles. <i>Journal of Electroceramics</i> , 2016, 36, 150-157.	2.0	29
22	One-Step Carbon Coating and Polyacrylamide Functionalization of Fe ₃ O ₄ Nanoparticles for Enhancing Magnetic Adsorptive-Remediation of Heavy Metals. <i>Molecules</i> , 2017, 22, 2074.	3.8	26
23	Solvothermal Preparation and Electrochemical Characterization of Cubic ZrO ₂ Nanoparticles/Highly Reduced Graphene (HRG) based Nanocomposites. <i>Materials</i> , 2019, 12, 711.	2.9	26
24	Facile synthesis of Pd@graphene nanocomposites with enhanced catalytic activity towards Suzuki coupling reaction. <i>Scientific Reports</i> , 2020, 10, 11728.	3.3	26
25	Highly biocompatible, monodispersed and mesoporous La(OH) ₃ :Eu@mSiO ₂ core-shell nanospheres: Synthesis and luminescent properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 133-139.	5.0	24
26	Synthesis and comparative catalytic study of zinc oxide (ZnO) nanoparticles promoted MnCO ₃ , MnO ₂ and Mn ₂ O ₃ for selective oxidation of benzylic alcohols using molecular oxygen. <i>Materials Express</i> , 2017, 7, 79-92.	0.5	23
27	Role of TiO ₂ nanoparticle modification of Cr/MCM41 catalyst to enhance Cr-support interaction for oxidative dehydrogenation of ethane with carbon dioxide. <i>Applied Catalysis A: General</i> , 2019, 584, 117114.	4.3	23
28	Facile synthesis of water-soluble luminescent mesoporous Tb(OH) ₃ @SiO ₂ core-shell nanospheres. <i>Nanoscale Research Letters</i> , 2013, 8, 163.	5.7	22
29	Impact of surface coating on physical properties of europium-doped gadolinium fluoride microspheres. <i>Journal of Fluorine Chemistry</i> , 2017, 199, 7-13.	1.7	22
30	Optimization of Synthesis Parameters for Mesoporous Shell Formation on Magnetic Nanocores and Their Application as Nanocarriers for Docetaxel Cancer Drug. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11496-11509.	4.1	21
31	Preparation and photoluminescence properties of hydrothermally synthesized YVO ₄ :Eu ³⁺ nanofibers. <i>Materials Letters</i> , 2012, 88, 152-155.	2.6	19
32	Physicochemical and Redox Characteristics of Fe ³⁺ -doped CeO ₂ Nanoparticles. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 925-932.	1.4	19
33	Synthesis of water-soluble luminescent LaVO ₄ :Ln ³⁺ porous nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	18
34	Ceria doped mixed metal oxide nanoparticles as oxidation catalysts: Synthesis and their characterization. <i>Arabian Journal of Chemistry</i> , 2015, 8, 766-770.	4.9	18
35	In-vitro cytotoxicity and cellular uptake studies of luminescent functionalized core-shell nanospheres. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1392-1403.	3.8	18
36	Enhanced Oxygen Reduction Activity of IrCu Core Platinum Monolayer Shell Nano-electrocatalysts. <i>Topics in Catalysis</i> , 2013, 56, 1059-1064.	2.8	17

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37	Pulsed laser deposition growth of 3D ZnO nanowall network in nest-like structures by two-step approach. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 539-545.	6.2	17
38	Designing zinc oxide nanostructures (nanoworms, nanoflowers, nanowalls, and nanorods) by pulsed laser ablation technique for gas sensing application. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4367-4375.	3.8	17
39	Highly colloidal luminescent porous Tb-doped gadolinium oxide nanoparticles: Photophysical and luminescent properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 10-16.	3.9	15
40	Aqueous dispersible green luminescent yttrium oxide:terbium microspheres with nanosilica shell coating. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 348-355.	3.9	14
41	Comparative Study on Electronic, Emission, Spontaneous Property of Porous Silicon in Different Solvents. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-14.	2.7	13
42	Enhanced photocatalytic reduction of Cr(VI) on silver nanoparticles modified mesoporous silicon under visible light. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5071-5081.	3.8	13
43	Preparation and Spectroscopic, Microscopic, Thermogravimetric, and Electrochemical Characterization of Silver-Doped Cerium(IV) Oxide Nanoparticles. <i>Analytical Letters</i> , 2017, 50, 1360-1371.	1.8	12
44	Synthesis, structural, and photoluminescence studies of LaF ₃ :Pr, LaF ₃ :Pr@LaF ₃ , and LaF ₃ :Pr@LaF ₃ @SiO ₂ nanophosphors. <i>Journal of the Australian Ceramic Society</i> , 2018, 54, 493-500.	1.9	12
45	Determination of the microstructure of Eu-treated ZnO nanowires by x-ray absorption. <i>Applied Physics Letters</i> , 2010, 96, 062112.	3.3	11
46	Laser induced photocurrent and photovoltage transient measurements of dye-sensitized solar cells based on TiO ₂ nanosheets and TiO ₂ nanoparticles. <i>Electrochimica Acta</i> , 2016, 212, 992-997.	5.2	11
47	Soft X-ray emission study of thermally treated Ni(film)/4H-SiC(substrate) interface. <i>Applied Surface Science</i> , 2002, 190, 366-370.	6.1	9
48	Surface morphology and interface structural analyses of Ti(film)/SiC(substrate) by PEEM, SXES, AES and XRD. <i>Surface and Interface Analysis</i> , 2003, 35, 89-93.	1.8	8
49	Surface analyses of Zr (film)/4H-SiC (substrate) by synchrotron radiation induced-PEEM. <i>Applied Surface Science</i> , 2004, 237, 607-611.	6.1	7
50	Ferroelectric and magnetic properties of Nd-doped Bi _{4-x} FeTi ₃ O ₁₂ nanoparticles prepared through the egg-white method. <i>Nanoscale Research Letters</i> , 2012, 7, 511.	5.7	7
51	Physicochemical characterization of highly biocompatible, and colloidal LaF ₃ :Yb/Er upconversion nanoparticles. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1195-1208.	2.9	7
52	Benzyl Alcohol Assisted Synthesis and Characterization of Highly Reduced Graphene Oxide (HRG)@ZrO ₂ Nanocomposites. <i>ChemistrySelect</i> , 2017, 2, 3078-3083.	1.5	6
53	Comparative Catalytic Evaluation of Nano-ZrO ₂ Promoted Manganese Catalysts: Kinetic Study and the Effect of Dopant on the Aerobic Oxidation of Secondary Alcohols. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-14.	1.8	6
54	Mesoporous Organo-Silica Supported Chromium Oxide Catalyst for Oxidative Dehydrogenation of Ethane to Ethylene with CO ₂ . <i>Catalysts</i> , 2021, 11, 642.	3.5	6

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55	Synthesis of Magnetic Core–Mesoporous Silica Shell Nanoparticles Using Anionic Surfactant and Their Application for Ketoprofen Control Release. <i>Chemistry Letters</i> , 2012, 41, 1357-1359.	1.3	5
56	Highly hydrophilic CaF ₂ :Yb/Er upconversion nanoparticles: Structural, morphological, and optical properties. <i>Journal of Fluorine Chemistry</i> , 2021, 247, 109820.	1.7	5
57	ZnO Nanosheet-Nanowire morphology tuning for Dye-sensitized solar cell applications. <i>Chemical Physics Letters</i> , 2021, 780, 138953.	2.6	5
58	Interfacial reaction study of thermally annealed Ti film on 4H-SiC by soft X-ray emission spectroscopy. <i>Surface Science</i> , 2001, 493, 447-452.	1.9	4
59	Surface and interface of Ti(film)/SiC(substrate) system: a soft X-ray emission and photoemission electron microscopy study. <i>Applied Surface Science</i> , 2002, 190, 521-526.	6.1	4
60	Solid phase reaction in Ti(thin film)/Si(substrate) with Mo interlayer: SXES and PEEM study. <i>Thin Solid Films</i> , 2004, 464-465, 107-111.	1.8	4
61	Fabrication of Mesoporous Silica Shells on Solid Silica Spheres Using Anionic Surfactants and Their Potential Application in Controlling Drug Release. <i>Molecules</i> , 2012, 17, 13199-13210.	3.8	4
62	Impact of Ni Ion-Doping on Structural, Optoelectronic and Redox Properties of CeO ₂ Nanoparticles. <i>Journal of Electronic Materials</i> , 2018, 47, 2557-2564.	2.2	4
63	High-resolution photoemission electron spectroscopy study on the oxynitridation of 6H-SiC(0001)-s ₃ surface. <i>Applied Surface Science</i> , 2004, 237, 170-175.	6.1	3
64	Room temperature Multiferroic properties of Nd doped Ba _{4-x} FeTi ₃ O ₁₂ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 564, 162-165.	5.5	3
65	Giant increase of optical transparency for Zn-rich Ca _x Zn _{1-x} O on Al ₂ O ₃ (0001) grown by pulsed laser deposition. <i>Optical Materials</i> , 2016, 52, 1-5.	3.6	3
66	Hydrothermal growth optimization of vertically aligned ZnO nanowire arrays and their dye-sensitized solar cell performance under air/oxygen environments. <i>Materials Research Express</i> , 2021, 8, 105501.	1.6	3
67	Comparative structural and optical spectroscopic studies of Nd ³⁺ ion doped LaF ₃ and their core/shell nanoparticles. <i>Processing and Application of Ceramics</i> , 2018, 12, 78-85.	0.8	3
68	Nano-structure of transition-metal (Ti, Ni)/SiC system: photo-emission electron microscopy and soft X-ray fluorescence spectroscopy. <i>Applied Surface Science</i> , 2003, 216, 187-191.	6.1	2
69	Structural Transition in SrZnO Laser Pulse Deposited Alloy. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 211-216.	0.6	2
70	Facile synthesized NaGdF ₄ :Yb,Er peanut-shaped, highly biocompatible, colloidal upconversion nanospheres. <i>Luminescence</i> , 2022, 37, 1048-1056.	2.9	2
71	PEEM AND SXES CHARACTERIZATION ON THE SURFACE AND INTERFACE OF THE TRANSITION-METAL/SiC SYSTEM. <i>Surface Review and Letters</i> , 2002, 09, 313-318.	1.1	0
72	Photoemission Electron Imaging of Transition Metal (Ti, Ni) Surfaces on Si and SiC. <i>Materials Science Forum</i> , 2002, 389-393, 721-724.	0.3	0

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73	SrZnO nanostructures grown on templated <0001> Al ₂ O ₃ substrates by pulsed laser deposition. AIP Advances, 2017, 7, 095220.	1.3	0