

Felipe A La Porta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7655521/publications.pdf>

Version: 2024-02-01

60
papers

1,527
citations

346980

22
h-index

371746

37
g-index

65
all docs

65
docs citations

65
times ranked

2105
citing authors

#	ARTICLE	IF	CITATIONS
1	New In Silico Insights into the Application of (Hydroxy)Chloroquine with Macrolide Antibiotic Co-Crystals against the SARS-CoV-2 Virus. <i>Covid</i> , 2022, 2, 230-243.	0.7	1
2	Enhanced Photocatalytic and Photoluminescence Properties Resulting from Type-I Band Alignment in the Zn ₂ GeO ₄ /g-C ₃ N ₄ Nanocomposites. <i>Catalysts</i> , 2022, 12, 692.	1.6	8
3	Review: theoretical and experimental investigation of the intrinsic properties of Zn ₂ GeO ₄ nanocrystals. <i>Journal of Materials Science</i> , 2021, 56, 4552-4568.	1.7	6
4	Theoretical investigation on the effects of electric field on the electronic structure and spectroscopic properties of Zn ₆ xCd _x S ₆ clusters as model systems of semiconductor quantum dots. <i>Computational Materials Science</i> , 2021, 188, 110147.	1.4	5
5	Perovskite-Like Quantum Dots Designed for Advanced Optoelectronic Applications. <i>Engineering Materials</i> , 2021, , 83-108.	0.3	1
6	Nanocrystalline Spinel Manganese Ferrite MnFe ₂ O ₄ : Synthesis, Electronic Structure, and Evaluation of Their Magnetic Hyperthermia Applications. <i>Engineering Materials</i> , 2021, , 335-348.	0.3	0
7	Computational evidence for nitro derivatives of quinoline and quinoline N-oxide as low-cost alternative for the treatment of SARS-CoV-2 infection. <i>Scientific Reports</i> , 2021, 11, 6397.	1.6	11
8	Effectiveness of different methods for the extraction of principle actives and phytochemicals content in medicinal herbals. <i>Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas</i> , 2021, 20, 324-338.	0.2	1
9	Solvent-Mediated Structural Evolution Mechanism from Cs ₄ PbBr ₆ to CsPbBr ₃ Crystals. <i>Nanomanufacturing</i> , 2021, 1, 67-74.	1.8	6
10	Magnetic Characterization by Scanning Microscopy of Functionalized Iron Oxide Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 2197.	1.9	10
11	Effect of drug metabolism in the treatment of SARS-CoV-2 from an entirely computational perspective. <i>Scientific Reports</i> , 2021, 11, 19998.	1.6	6
12	Theoretical insights into the effect of halogenated substituent on the electronic structure and spectroscopic properties of the favipiravir tautomeric forms and its implications for the treatment of COVID-19. <i>RSC Advances</i> , 2021, 11, 35228-35244.	1.7	9
13	<i>Inga edulis</i> fruits: a new source of bioactive anthocyanins. <i>Natural Product Research</i> , 2020, 34, 2832-2836.	1.0	5
14	Methods for design and fabrication of nanosensors: the case of ZnO-based nanosensor. , 2020, , 9-30.		9
15	Current Perspective on Synthesis, Properties, and Application of Graphitic Carbon Nitride Related-Compounds. <i>Engineering Materials</i> , 2020, , 413-432.	0.3	2
16	Revised Fundamental Properties and Crystal Engineering of Spinel Ferrite Nanoparticles. <i>Engineering Materials</i> , 2020, , 511-530.	0.3	0
17	Electronic, structural, optical, and photocatalytic properties of graphitic carbon nitride. <i>New Journal of Chemistry</i> , 2019, 43, 13647-13653.	1.4	30
18	Oxygen Defects and Surface Chemistry of Reducible Oxides. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	64

#	ARTICLE	IF	CITATIONS
19	Exploring effects of microwave-assisted thermal annealing on optical properties of Zn ₂ GeO ₄ nanostructured films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 246, 7-12.	1.7	10
20	Versatile Hall magnetometer with variable sensitivity assembly for characterization of the magnetic properties of nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 489, 165431.	1.0	9
21	Characterization of the structural, optical, photocatalytic and <i>in vitro</i> and <i>in vivo</i> anti-inflammatory properties of Mn ²⁺ doped Zn ₂ GeO ₄ nanorods. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8216-8225.	2.7	20
22	Controlling the Electronic, Structural, and Optical Properties of Novel MgTiO ₃ /LaNiO ₃ Nanostructured Films for Enhanced Optoelectronic Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 2612-2620.	2.4	11
23	Synthesis and comparison of antileishmanial and cytotoxic activities of S-(α)-limonene benzaldehyde thiosemicarbazones with their R-(+)-analogues. <i>Journal of Molecular Structure</i> , 2019, 1179, 252-262.	1.8	19
24	A theoretical and experimental investigation of Eu-doped ZnO nanorods and its application on dye sensitized solar cells. <i>Journal of Alloys and Compounds</i> , 2018, 739, 939-947.	2.8	52
25	A Comparative Study of Conventional and Microwave Sintering of BaCe _{1-x} Gd _x O ₃ Ceramic. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 130-136.	1.9	3
26	Influence of order-disorder effects on the magnetic and optical properties of NiFe ₂ O ₄ nanoparticles. <i>Ceramics International</i> , 2018, 44, 17290-17297.	2.3	81
27	Chemodiversity, Bioactivity and Chemosystematics of the Genus <i>Inga</i> (FABACEAE): A Brief Review. <i>Revista Virtual De Quimica</i> , 2018, 10, 459-473.	0.1	13
28	Optical and gas-sensing properties, and electronic structure of the mixed-phase CaCu ₃ Ti ₄ O ₁₂ /CaTiO ₃ composites. <i>Materials Research Bulletin</i> , 2017, 93, 47-55.	2.7	30
29	An experimental and theoretical investigation on the optical and photocatalytic properties of ZnS nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 103, 179-189.	1.9	46
30	Recent Advances in Complex Functional Materials. , 2017, , .		16
31	Novel Gd(OH) ₃ , GdOOH and Gd ₂ O ₃ Nanorods: Microwave-Assisted Hydrothermal Synthesis and Optical Properties. <i>Materials Research</i> , 2016, 19, 1155-1161.	0.6	15
32	Effects of chemical substitution on the structural and optical properties of (1-x)Ag ₂ Ni _x WO ₄ (0 ≤ x ≤ 0.08) solid solutions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21966-21975.	1.3	24
33	Improved photoluminescence emission and gas sensor properties of ZnO thin films. <i>Ceramics International</i> , 2016, 42, 13555-13561.	2.3	28
34	Influence of Cu-doping on the structural and optical properties of CaTiO ₃ powders. <i>Materials Research Bulletin</i> , 2016, 81, 1-9.	2.7	35
35	Periodic density functional theory study of structural and electronic properties of single-walled zinc oxide and carbon nanotubes. <i>Journal of Solid State Chemistry</i> , 2016, 237, 36-47.	1.4	23
36	Comparison of Experimental and Theoretical Data on the Structural and Electronic Characterization of Chitin and Chitosan. <i>Current Physical Chemistry</i> , 2016, 5, 206-213.	0.1	9

#	ARTICLE	IF	CITATIONS
37	Theoretical Study on Band Alignment Mechanism for the ZnO@ZnS Interface of Core-Shell Structures. <i>Current Physical Chemistry</i> , 2016, 5, 327-336.	0.1	6
38	New Perspectives on the Role of Frontier Molecular Orbitals in the Study of Chemical Reactivity: A Review. <i>Revista Virtual De Quimica</i> , 2016, 8, 425-453.	0.1	34
39	FeEDPA as Catalyst for Oxidation of Organic Contaminants: Evidence of Homogeneous Fenton Process. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 780-785.	0.6	6
40	Structural, Optical, and Magnetic Properties of NiMoO ₄ Nanorods Prepared by Microwave Sintering. <i>Scientific World Journal</i> , The, 2015, 2015, 1-8.	0.8	64
41	Identifying and rationalizing the morphological, structural, and optical properties of Ag ₂ MoO ₄ microcrystals, and the formation process of Ag nanoparticles on their surfaces: combining experimental data and first-principles calculations. <i>Science and Technology of Advanced Materials</i> . 2015. 16. 065002.	2.8	61
42	A large red-shift in the photoluminescence emission of Mg ^{1-x} Sr ^x TiO ₃ . <i>Chemical Physics Letters</i> , 2015, 622, 9-14.	1.2	25
43	A relationship between structural and electronic order-disorder effects and optical properties in crystalline TiO ₂ nanomaterials. <i>Dalton Transactions</i> , 2015, 44, 3159-3175.	1.6	96
44	A joint experimental and theoretical study on the electronic structure and photoluminescence properties of Al ₂ (WO ₄) ₃ powders. <i>Journal of Molecular Structure</i> , 2015, 1081, 381-388.	1.8	22
45	Quantum chemical topological analysis of hydrogen bonding in HX ⁺ HX and CH ₃ X ⁺ HX dimers (X=Br, Cl, F). <i>Molecular Simulation</i> , 2015, 41, 600-609.	0.9	8
46	Structural, electronic and optical properties of Fe(III) complex with pyridine-2,6-dicarboxylic acid: A combined experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2014, 416, 200-206.	1.2	17
47	Correlation between structural and electronic order-disorder effects and optical properties in ZnO nanocrystals. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10164-10174.	2.7	31
48	Europium doped zinc sulfide: a correlation between experimental and theoretical calculations. <i>Journal of Molecular Modeling</i> , 2014, 20, 2375.	0.8	17
49	Zinc blende versus wurtzite ZnS nanoparticles: control of the phase and optical properties by tetrabutylammonium hydroxide. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20127-20137.	1.3	100
50	A DFT Study of Structural and Electronic Properties of ZnS Polymorphs and its Pressure-Induced Phase Transitions. <i>Journal of the American Ceramic Society</i> , 2014, 97, 4011-4018.	1.9	43
51	Structural and electronic analysis of the atomic scale nucleation of Ag on Ag ₂ WO ₄ induced by electron irradiation. <i>Scientific Reports</i> , 2014, 4, 5391.	1.6	99
52	Synthesis and Characterization of the New Adsorbent Material Produced from Waste Tires for the Removal of Contaminants in Aqueous Solution. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.1	0
53	Microwave-hydrothermal synthesis of single-crystalline Co ₃ O ₄ spinel nanocubes. <i>CrystEngComm</i> , 2013, 15, 7443.	1.3	37
54	Synthesis of wurtzite ZnS nanoparticles using the microwave assisted solvothermal method. <i>Journal of Alloys and Compounds</i> , 2013, 556, 153-159.	2.8	105

#	ARTICLE	IF	CITATIONS
55	Towards an Understanding on the Role of Precursor in the Synthesis of ZnS Nanostructures. <i>Current Physical Chemistry</i> , 2013, 3, 378-385.	0.1	3
56	Computational Insights into the Role of the Frontier Orbital in the Chemistry of Tridentate Ligands. <i>American Journal of Chemistry</i> , 2012, 2, 255-262.	0.5	14
57	Orbital Signatures as a Descriptor of Regioselectivity and Chemical Reactivity: The Role of the Frontier Orbitals on 1,3-Dipolar Cycloadditions. <i>Journal of Physical Chemistry A</i> , 2011, 115, 824-833.	1.1	56
58	Experimental and theoretical studies on the enhanced photoluminescence activity of zinc sulfide with a capping agent. <i>Journal of Applied Physics</i> , 2011, 110, 123507.	1.1	26
59	Description of the Acid/Base Behavior of Organic Phosphines Using ab initio and Chemometric Approaches. <i>Letters in Organic Chemistry</i> , 2010, 7, 552-556.	0.2	11
60	The role of the Frontier orbitals in acid-base chemistry of organic amines probed by ab initio and chemometric techniques. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2015-2023.	1.0	18