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List of Publications by Year
in descending order

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38 papers	602 citations	686830 13 h-index	642321 23 g-index
38 all docs	38 docs citations	38 times ranked	887 citing authors

#	Article	IF	Citations
1	Phase changes of tris(glycinato)chromium(III) monohydrate crystal systematically studied by thermal analyses, XRPD, FTIR, and Raman combined with ab initio calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120883.	2.0	2
2	Nanomicelles of Radium Dichloride [223Ra]RaCl2 Co-Loaded with Radioactive Gold [198Au]Au Nanoparticles for Targeted Alphaâ€“Beta Radionuclide Therapy of Osteosarcoma. Polymers, 2022, 14, 1405.	2.0	9
3	Effect of Substrate and Pyrolysis Atmosphere of FeNx Materials on Electrocatalysis of the Oxygen Reduction Reaction. Electrocatalysis, 2021, 12, 548-563.	1.5	4
4	Dual-photoelectrode photoelectrochemical cell exploiting a photoanode based on cadmium sulfide and anatase TiO2 photocatalysts for tannic acid detection. Journal of Solid State Electrochemistry, 2021, 25, 2213-2224.	1.2	1
5	Spin-phonon coupling in the incommensurate magnetic ordered phase of orthorhombic TmMnO3. Journal of Physics and Chemistry of Solids, 2021, 154, 110044.	1.9	4
6	Preliminary studies on drug delivery of polymeric primaquine microparticles using the liver high uptake effect based on size of particles to improve malaria treatment. Materials Science and Engineering C, 2021, 128, 112275.	3.8	12
7	Using graphene quantum dots for treating radioactive liquid waste. Environmental Science and Pollution Research, 2020, 27, 3508-3512.	2.7	3
8	Raman Spectroscopy Studies on the Barocaloric Hybrid Perovskite [(CH3)4N][Cd(N3)3]. Molecules, 2020, 25, 4754.	1.7	5
9	Radioactive gold nanocluster (198-AuNCs) showed inhibitory effects on cancer cells lines. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1214-1221.	1.9	12
10	Synthesis and photocatalytic investigation of ZnFe2O4 in the degradation of organic dyes under visible light. Journal of Materials Research and Technology, 2020, 9, 15001-15015.	2.6	41
11	Highly sensitive photoelectrochemical immunosensor based on anatase/rutile TiO2 and Bi2S3 for the zero-biased detection of PSA. Journal of Solid State Electrochemistry, 2020, 24, 1801-1809.	1.2	16
12	Spinâ€“phonon coupling in monoclinic BiCrO3. Journal of Applied Physics, 2020, 127, .	1.1	10
13	A Simple, Costâ€effective, and Environmentally Friendly Method for Determination of Ciprofloxacin in Drugs and Urine Samples Based on Electrogenerated Chemiluminescence. Electroanalysis, 2020, 32, 1498-1506.	1.5	4
14	Photoelectrochemicalâ€assisted Batch Injection Analysis (PECâ€BIA) of Glucose Exploiting Visible LED Light as an Excitation Source. Electroanalysis, 2020, 32, 1608-1617.	1.5	1
15	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. International Journal of Molecular Sciences, 2020, 21, 230.	1.8	16
16	Varistor behavior in a ternary system based on SnO2 doped with a hexavalent donor: SnO2-MnO2-WO3. Journal of Alloys and Compounds, 2019, 811, 151538.	2.8	10
17	Temperature-dependent phonon dynamics of supported and suspended monolayer tungsten diselenide. AIP Advances, 2019, 9, .	0.6	27
18	Influence of BaX2 (X = Cl, F) and Er2O3 concentration on the physical and optical properties of barium borate glasses. Physica B: Condensed Matter, 2019, 558, 146-153.	1.3	26

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19	Graphene quantum dots nanoparticles changed the rheological properties of hydrophilic gels (carbopol). Journal of Molecular Liquids, 2019, 287, 110949.	2.3	14
20	Graphene quantum dots unraveling: Green synthesis, characterization, radiolabeling with 99mTc, in vivo behavior and mutagenicity. Materials Science and Engineering C, 2019, 102, 405-414.	3.8	43
21	Lightâ€emitting Diodeâ€assisted Determination of 2â€(1,1â€Dimethylethyl)â€1,4â€Benzenediol in Cosmetic Samples Exploiting TiO₂ Sensitized with Lithium 7,7â€²,8,8â€²â€Tetracyanoquinodimethanide. Electroanalysis, 2018, 30, 748-756.	1.5	2
22	In loco retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralesional nanodrug for breast cancer. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 725-733.	1.9	8
23	Structural, vibrational and thermal studies on bis(l-glutaminato)copper(II). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 603-613.	2.0	10
24	Functionalized Multiwalled Carbon Nanotube Electrochemical Sensor for Determination of Anticancer Drug Flutamide. Journal of Electronic Materials, 2017, 46, 5619-5628.	1.0	32
25	Adhesives Doped with Bioactive Niobophosphate Micro-Filler: Degree of Conversion and Microtensile Bond Strength. Brazilian Dental Journal, 2016, 27, 705-711.	0.5	18
26	Polarized Raman spectra of LiBaB9O15 single crystal. Materials Letters, 2016, 162, 254-256.	1.3	2
27	Structural and optical properties of 60B2O3â€“(20â^'x)Na2Oâ€“10PbOâ€“10Al2O3:xTiO2:yNd2O3 glasses. Optical Materials, 2013, 35, 2544-2550.	1.7	11
28	Raman spectra of Ga3PO7 single crystal. Materials Letters, 2013, 98, 258-260.	1.3	1
29	Thermal lens study of thermo-optical properties and concentration quenching of Er3+-doped lead pyrophosphate-based glasses. Journal of Applied Physics, 2012, 111, .	1.1	11
30	Phase transitions investigation by Raman spectroscopy in highly diluted KTN crystals. Journal of Alloys and Compounds, 2012, 531, 14-17.	2.8	9
31	Phonon spectra of CBN crystals. Vibrational Spectroscopy, 2012, 58, 74-78.	1.2	20
32	The role of TiO2 in the B2O3â€“Na2Oâ€“PbOâ€“Al2O3 glass system. Journal of Solid State Chemistry, 2011, 184, 3062-3065.	1.4	29
33	Phonons in isostructural (ND,Yb):Y Gd1â^'(VO4) laser crystals: A Raman scattering study. Journal of Solid State Chemistry, 2011, 184, 905-910.	1.4	12
34	Third-order nonlinearity of Er3+-doped lead phosphate glass. Applied Physics B: Lasers and Optics, 2010, 99, 559-563.	1.1	11
35	Raman investigations of rareâ€earth arsenate single crystals. Journal of Raman Spectroscopy, 2010, 41, 694-697.	1.2	10
36	Spectroscopic properties of Er³⁺-doped lead phosphate glasses for photonic application. Journal Physics D: Applied Physics, 2010, 43, 025102.	1.3	70

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37	Raman investigations of rare earth orthovanadates. Journal of Applied Physics, 2007, 101, 053511.	1.1	77
38	Low-temperature Raman spectra of YbVO4. Vibrational Spectroscopy, 2007, 45, 95-98.	1.2	9