Marzieh Nadafan

List of Publications by Year
in descending order

36	496	687220 13	713332 21
papers	citations	h-index	g-index

37	37	37	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Third-Order Nonlinear Optical Behavior of an Amide-Tricarboxylate Zinc(II) Metalâ€“Organic Framework with Two-Fold 3D+3D Interpenetration. Inorganic Chemistry, 2021, 60, 9700-9708.	1.9	95
2	Optical and dielectric properties of NiFe2O4 nanoparticles under different synthesized temperature. Results in Physics, 2017, 7, 3619-3623.	2.0	34
3	Structural and Optical Coefficients Investigation of Î³-Al2O3 Nanoparticles using Kramers-Kronig Relations and Zâ€“scan Technique. Journal of Asian Ceramic Societies, 2021, 9, 366-373.	1.0	26
4	The effect of magnetic metal doping on the structural and the third-order nonlinear optical properties of ZnS nanoparticles. Optik, 2017, 131, 925-931.	1.4	24
5	Structural and optical properties of cordierite glass-ceramic doped in polyurethane matrix. AIP Advances, 2015, 5, .	0.6	23
6	Investigation of electric field effect on the third order nonlinear optical properties of Fe3O4 nanoparticles-doped nematic liquid crystal. Optics Communications, 2015, 334, 16-21.	1.0	23
7	Structural, optical and dielectric studies of Ag nanoparticles decorated by herceptin. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 114, 113562.	1.3	23
8	The effect of external applied fields on the third order nonlinear susceptibility of ferro-nematics. Journal of Molecular Liquids, 2015, 204, 70-75.	2.3	21
9	Microstructural and nonlinear optical properties of SiO2 and Al2O3 nanoparticles doped in polyurethane. Journal of Materials Research, 2015, 30, 1788-1796.	1.2	19
10	Comparative study of the third-order nonlinear optical properties of ZnO/Fe3O4 nanocomposites synthesized with or without Ionic Liquid. Optics and Laser Technology, 2020, 131, 106435.	2.2	14
11	Investigation of the linear and nonlinear optical properties of La_{2â^'x}Sr_xCoO₄ (x = 0.5, 0.7, 0.9, 1.1, 1.3 and 1.5) nanoparticles. Journal of Materials Chemistry C, 2021, 9, 10443-10452.	2.7	14
12	Assessment of the optical and dielectric properties of f-MWCNTs/BaTiO3 nanocomposite ceramics. Ceramics International, 2018, 44, 15804-15808.	2.3	13
13	Evaluation of structural, optical and dielectric properties of MWCNT-BaTiO3/silica ceramic nanocomposites. Ceramics International, 2020, 46, 12243-12248.	2.3	13
14	Third-order optical nonlinear properties of Co-doped V2O5 nanoparticles. Optik, 2021, 226, 165925.	1.4	13
15	Cu-doped ZnO synthesis by ionothermal method: Morphology and optical properties. Optical Materials, 2021, 111, 110679.	1.7	13
16	Z-scan investigation to evaluate the third-order nonlinear optical properties of cauliflower-like VS₂ structures. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1586.	0.9	13
17	Investigation of dielectric, linear, and nonlinear optical properties of synthesized 2D Ruddlesden-Popper-type halide perovskite. Optics and Laser Technology, 2022, 155, 108352.	2.2	10
18	Synthesis and nonlinear optical studies of organometallic Cobalt (II) with polyurethane elastomer. Optik, 2016, 127, 9361-9366.	1.4	9

#	Article	IF	Citations
19	Microstructural and antibacterial properties of silver nanoparticle-decorated porous polyurethane surface for water purification. Desalination and Water Treatment, 2016, 57, 21286-21293.	1.0	9
20	The effect of external applied fields on the third order nonlinear susceptibility and two-photon absorption cross-section of E5CN7@Fe3O4-CNT. Optics and Laser Technology, 2019, 119, 105653.	2.2	9
21	Investigation of gamma-ray irradiation on molecular structure, optical properties and mass attenuation coefficients of colloidal gold nanoparticles. Optical Materials, 2017, 70, 99-105.	1.7	8
22	The effect of different doses of Î³ â€“ray irradiation on the third order nonlinear optical properties, molecular structure and mass attenuation coefficients of synthesized colloidal silver nanoparticles. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 103, 423-429.	1.3	8
23	Study of optical constants and dielectric properties of nanocrystalline Î±-cordierite ceramic. Journal of Asian Ceramic Societies, 2020, 8, 502-509.	1.0	8
24	The effect of nitrogen-doped carbon nano-onions on the third order nonlinear optical responses of CoWO4-MnO2 nanocomposites. Optik, 2021, 248, 168209.	1.4	8
25	Investigation of the structural, dielectric, and optical properties of MoSe2 nanosheets. Journal of Applied Physics, 2022, 131, .	1.1	8
26	Application of nitrogenated holey graphene for detection of volatile organic biomarkers in exhaled breath of humans with chronic kidney disease: a density functional theory study. Journal of Computational Electronics, 2021, 20, 1930-1937.	1.3	6
27	Determination of Nonlinear Optical Properties of MgO Nanoparticles Doped in Poly (Ether) Urethane. Acta Physica Polonica A, 2015, 128, 29-33.	0.2	6
28	The effect of aromatic and non-aromatic ionic liquids on the optical nonlinearity responses of porphyrins. Journal of Molecular Liquids, 2022, 348, 118398.	2.3	6
29	The effect of Ag on the structural, dielectric, linear and third-order nonlinear optical properties of graphitic carbon nitride nanosheets. Journal of Molecular Structure, 2022, 1263, 133171.	1.8	6
30	Measurement of third-order nonlinear optical susceptibility of polyurethane-containing silica nanocomposites by Z-scan method. Inorganic and Nano-Metal Chemistry, 2017, 47, 1342-1347.	0.9	4
31	The effect of synthesis situation on the structural, dielectric, linear and nonlinear optical properties of thiol-capped water-soluble lead sulfide (PbS) quantum dots. Optik, 2021, 245, 167623.	1.4	4
32	Enhancement of third order nonlinear optical responses via alteration of the density of states of electrons: VS₂â€“NiS₂ hybrid nanostructure. RSC Advances, 2022, 12, 5281-5289.	1.7	4
33	Evaluation of structural, optical and physical properties of polyurethane composites doped with metal alkoxides. Materials Science-Poland, 2020, 38, 416-423.	0.4	1
34	Third-order nonlinear responses of symmetrical meso-substitutes porphyrin derivatives. Optik, 2022, 265, 169476.	1.4	1
35	Transmission Behavior of Single-Mode Fiber Based on a Microchannel. Acta Physica Polonica A, 2021, 139, 627-633.	0.2	0
36	The influence of gamma irradiation on linear and nonlinear optical properties of magnesium oxide nanoparticles via Z-scan technique. Journal of the Australian Ceramic Society, 2022, 58, 249.	1.1	0