

Mohammad Majles ara

List of Publications by Year in descending order

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26
papers

260
citations

932766

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940134

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26
all docs

26
docs citations

26
times ranked

286
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structural and Optical Coefficients Investigation of $\hat{\Gamma}^3$ -Al ₂ O ₃ Nanoparticles using Kramers-Kronig Relations and Zâ€scan Technique. Journal of Asian Ceramic Societies, 2021, 9, 366-373. | 1.0 | 26 |
| 2 | Effects of Gold and Silver Nanoparticles on Optical Bistability of Titanium Dioxide Nanocolloid. Physics of the Solid State, 2021, 63, 318-323. | 0.2 | 4 |
| 3 | Introducing an effective method for extending the high harmonic spectrum plateau from gas targets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 045601. | 0.6 | 4 |
| 4 | Nonlinear optical properties of nematic liquid crystal matrix doped with graphene nanosheets. Phase Transitions, 2021, 94, 871-884. | 0.6 | 3 |
| 5 | Effect of nanoparticlesâ€™ diameter and concentration on the optical pulse formation in nanosuspensions. Physics and Chemistry of Liquids, 2020, 58, 651-663. | 0.4 | 0 |
| 6 | Experimental Comparison of Nonlinear Optical Properties Between Graphene Oxide and Reduced Graphene Oxide. Journal of Electronic Materials, 2019, 48, 6414-6420. | 1.0 | 7 |
| 7 | Improvement of the third order nonlinear optical properties of nematic liquid crystal under the influence of different compositional percentage of doped SWCNT and the external electric field. Journal of Molecular Liquids, 2019, 275, 281-289. | 2.3 | 34 |
| 8 | Interferometry Method as a Way to Find Nonlinear Optical Responses of Nanoparticles. Acta Physica Polonica A, 2019, 136, 62-65. | 0.2 | 0 |
| 9 | 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 |
| 10 | Intrinsic optical bistability in doped polymer. Journal of Modern Optics, 2017, 64, 1349-1353. | 0.6 | 1 |
| 11 | Optical Dispersion, Permittivity Spectrum and Thermal-Lensing Effect in Nickel-Doped Zinc Sulfide Nanoparticles. Journal of Electronic Materials, 2017, 46, 6473-6479. | 1.0 | 5 |
| 12 | Dielectric properties of nematic liquid crystal doped with Fe ₃ O ₄ nanoparticles. Phase Transitions, 2017, 90, 371-379. | 0.6 | 21 |
| 13 | Electro-optical Kerr effect of azo-dye-doped liquid crystals using nulled intensity method. Phase Transitions, 2016, 89, 1137-1145. | 0.6 | 6 |
| 14 | A Novel Graphene-Based Electro-Optical Modulator Using Modulation Instability. IEEE Photonics Technology Letters, 2016, 28, 2897-2900. | 1.3 | 13 |
| 15 | Synthesis and complete Mie analysis of different sizes of TiO ₂ nanoparticles. Optik, 2016, 127, 1946-1951. | 1.4 | 4 |
| 16 | Characterization and doping effects study of high hole concentration Li-doped ZnO thin film prepared by solâ€gel method. Journal of Materials Science: Materials in Electronics, 2016, 27, 1293-1298. | 1.1 | 18 |
| 17 | Nonlinear optical properties of CdTe nanocrystals synthesized by a green room temperature solution method. Applied Physics B: Lasers and Optics, 2015, 118, 567-572. | 1.1 | 10 |
| 18 | Temporal dynamics of optical bistability and modulation instability in colloidal nanoparticles. Journal of Nanophotonics, 2015, 9, 093047. | 0.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optical bistability in gold nano-colloid due to thermal lensing effect. Journal of Physics and Chemistry of Solids, 2015, 87, 158-162. | 1.9 | 13 |
| 20 | Synthesis and Investigation of the Linear and Nonlinear Optical Properties of Alloyed CdSe _{0.3} Te _{0.7} Nanocrystals. International Journal of Nanoscience, 2014, 13, 1450007. | 0.4 | 1 |
| 21 | Z-scan technique for saturable absorption using diffraction method in $\hat{\Gamma}^3$ -alumina nanoparticles. Applied Physics B: Lasers and Optics, 2014, 115, 279-284. | 1.1 | 12 |
| 22 | Investigation of the Effect of Capping Agent Molecule Type on the Nonlinear Optical Responses of CdS Nanocrystals. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 247-250. | 0.6 | 4 |
| 23 | Aluminum doped ZnO sol-gel derived nanocrystals: Raman spectroscopy and solid solubility characterization. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2426-2430. | 0.8 | 32 |
| 24 | Dielectric anisotropy, refractive indices and order parameter of W-1680 nematic liquid crystal. Journal of Molecular Liquids, 2013, 181, 77-81. | 2.3 | 26 |
| 25 | Room temperature synthesis and characterization of ultralong Cd(OH) ₂ nanowires: a simple and template-free chemical route. Applied Physics A: Materials Science and Processing, 2012, 109, 471-475. | 1.1 | 6 |
| 26 | Frequency mixing processes in F _A center systems. , 2007, , . | | 0 |