

R K Fakher Alfahed

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Second-order hyperpolarizability and nonlinear optical properties of novel organic compound-doped poly (O-methoxyaniline) polymer film. Journal of Materials Science: Materials in Electronics, 2021, 32, 14623-14641. | 1.1 | 6 |
| 2 | Journal of Physics: Conference Series, 2021, 1963, 012136. | 0.3 | 3 |
| 3 | Study of Colorimetric properties of Ethidium bromide dye-doped PVP/DNA film. Journal of Physics: Conference Series, 2021, 1963, 012102. | 0.3 | 1 |
| 4 | Study the Effect of Concentration on the Evolution of Far-Field Diffraction Patterns of Bromocresol Purple and Congo Red Solution. Journal of Physics: Conference Series, 2021, 1963, 012013. | 0.3 | 4 |
| 5 | Application the synchronization method of adaptive-observer. AIP Conference Proceedings, 2021, , . | 0.3 | 0 |
| 6 | Synthesis, optical limiting behavior, thermal blooming and nonlinear studies of dye-doped polymer films. Journal of Materials Science: Materials in Electronics, 2020, 31, 13862-13873. | 1.1 | 8 |
| 7 | Effect of Solar radiation induced and alpha particles on Nonlinear behavior of PM-355 film. IOP Conference Series: Materials Science and Engineering, 2020, 928, 072056. | 0.3 | 4 |
| 8 | Measurement of the thermo-optic coefficient and Ring surface profile of sulfadiazine azo dye by using milli watts cw laser beams. IOP Conference Series: Materials Science and Engineering, 2020, 928, 072071. | 0.3 | 3 |
| 9 | Photoluminescence characterizations and nonlinear optical of PM-355 nuclear track detector film by alpha-particles and laser irradiation. Physica Scripta, 2020, 95, 075709. | 1.2 | 12 |
| 10 | Diffraction samples: Nonlinear optical properties and morphology for (2-hydroxyphenyl) [2-(2-methoxybenzylidene-amino)-5-methyl phenyl] telluride film. AIP Conference Proceedings, 2020, , . | 0.3 | 4 |
| 11 | Preparation, morphological, and mechanical characterization of titanium dioxide (TiO ₂)/polyvinyl alcohol (PVA) composite for gamma-rays radiation shielding. Journal of Physics: Conference Series, 2019, 1279, 012019. | 0.3 | 7 |
| 12 | Preparation and optoelectronic studies of the organic compound [2-(2,3-dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (phenyl) Electronics, 2019, 30, 10284-10292. | 1.1 | 18 |
| 13 | Structural, morphological, and Z-scan technique for a temperature-controllable chemical reaction synthesis of zinc sulfide nanoparticles. Applied Physics B: Lasers and Optics, 2019, 125, 1. | 1.1 | 34 |
| 14 | The evaluation and analysing the boron concentration rate in soil of north Basrah city (Iraq) by carmine method. Journal of Physics: Conference Series, 2019, 1294, 022006. | 0.3 | 2 |
| 15 | Synthesis, surface profile, nonlinear reflective index and photophysical properties of curcumin compound. Journal of Materials Science: Materials in Electronics, 2018, 29, 10890-10903. | 1.1 | 25 |
| 16 | Study of thermal lens technique and third-order nonlinear susceptibility of PMMA base containing 5â€², 5â€²â€²-dibromo-o-cresolsulfophthalein. Journal of Materials Science: Materials in Electronics, 2017, 28, 17288-17296. | 1.1 | 23 |