

# R K Fakher Alfahed

## List of Publications by Year in descending order

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16  
papers

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1306789

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1199166

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docs citations

17  
times ranked

39  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Study of thermal lens technique and third-order nonlinear susceptibility of PMMA base containing 5- $\beta$ -dibromo-o-cresolsulfophthalein. Journal of Materials Science: Materials in Electronics, 2017, 28, 17288-17296.	1.1	23
4	Preparation and optoelectronic studies of the organic compound [2-(2,3-dimethyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 627 Td (phenyl) Electronics, 2019, 30, 10284-10292.	1.1	18
5	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
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	Preparation, morphological, and mechanical characterization of titanium dioxide (TiO <sub>2</sub> )/polyvinyl alcohol (PVA) composite for gamma-rays radiation shielding. Journal of Physics: Conference Series, 2019, 1279, 012019.	0.3	7
8	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
9	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
10	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
11	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
12	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
13	Journal of Physics: Conference Series, 2021, 1963, 012136.	0.3	3
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	Study of Colorimetric properties of Ethidium bromide dye-doped PVP/DNA film. Journal of Physics: Conference Series, 2021, 1963, 012102.	0.3	1
16	Application the synchronization method of adaptive-observer. AIP Conference Proceedings, 2021, , .	0.3	0