

# Turki S Alkhuraiji

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

226  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma irradiation-induced complete degradation and mineralization of phenol in aqueous solution: Effects of reagent. <i>Journal of Hazardous Materials</i> , 2017, 328, 29-36.	12.4	35
2	Efficiency enhancement of perovskite solar cells by incorporation of CdS quantum dot through fast electron injection. <i>Organic Electronics</i> , 2018, 62, 21-25.	2.6	27
3	In Vitro Cytotoxicity and Morphological Assessments of GO-ZnO against the MCF-7 Cells: Determination of Singlet Oxygen by Chemical Trapping. <i>Nanomaterials</i> , 2018, 8, 539.	4.1	25
4	Advanced oxidation process based on water radiolysis to degrade and mineralize diclofenac in aqueous solutions. <i>Science of the Total Environment</i> , 2019, 688, 708-717.	8.0	19
5	Effect of oxidant addition on the elimination of 2-naphthalenesulfonate in aqueous solutions by electron beam irradiation. <i>Radiation Physics and Chemistry</i> , 2016, 126, 95-102.	2.8	16
6	Microstructure and electrical properties of carbon short fiber reinforced copper composites fabricated by electroless deposition followed by powder metallurgy process. <i>Carbon Letters</i> , 2020, 30, 247-258.	5.9	13
7	Investigation of gamma irradiation effects on the properties of CdS/p-Si heterostructure. <i>Materials Science in Semiconductor Processing</i> , 2019, 93, 44-49.	4.0	12
8	Synthesis, structural and high frequency dielectric properties of polypyrrole (PPy)/holmium ferrite composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3884-3890.	2.2	11
9	Detailed study of water radiolysis-based degradation of chloroorganic pollutants in aqueous solutions. <i>Journal of Hazardous Materials</i> , 2019, 368, 569-577.	12.4	11
10	Radiochromic film containing poly(hexa-2,4-diynylene adipate) as a radiation dosimeter. <i>Applied Radiation and Isotopes</i> , 2018, 141, 80-87.	1.5	8
11	Study and characterization of $\text{I}^{137}$ -ray doses dependent properties of $\text{CuPbI}_3$ perovskite thin films. <i>Journal of Materials Research and Technology</i> , 2021, 14, 108-120.	5.8	7
12	Destruction of amphetamine in aqueous solution using gamma irradiation. <i>Radiation Physics and Chemistry</i> , 2017, 139, 17-21.	2.8	6
13	Effect of $\text{Co}^{60}$ irradiation on the degradation and mineralization of sulfonated aromatic compounds in aqueous solutions. <i>Chemosphere</i> , 2019, 228, 769-777.	8.2	6
14	Removal of nonylphenol from industrial sludge by using an electron beam. <i>Journal of the Korean Physical Society</i> , 2016, 69, 1029-1034.	0.7	5
15	Gallic acid degradation by electron beam irradiation under various conditions. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6939-6947.	5.3	5
16	Structural, optical and photocatalytic properties of pure and Pd-doped CdS thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 14901-14911.	2.2	4
17	Influence of $\text{I}^{137}$ -ray exposure and dose dependent characteristics of (n)PbS/(p)Si hetero-structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 11616-11627.	2.2	4
18	Gamma Induced Structural and Optical Changes of $\text{TiO}_2$ Thin Film Deposited by Atomic Layer Deposition. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2018, 13, 1701-1704.	0.5	4

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19	Effect of Fiber Loading on Physical, Mechanical, and Thermal Properties of Low Density Polyethylene/Palm Tree Waste Fiber Composites. <i>Science of Advanced Materials</i> , 2018, 10, 1341-1350.	0.7	3
20	Characterization of a new gel based on alanineâ€“ninhydrin for possible use in radiation dosimetry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 241-250.	1.5	2
21	Particle induced X-ray emission and Rutherford backscattering spectrometry for testing homogeneity of environmental certified reference material candidates. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 778-793.	3.3	2
22	In Vitro Cytotoxicity of Magnetic Spinel Nanoferrites (CoMgFe <sub>2</sub> O <sub>4</sub> ) Against HepG2 Cells. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2018, 13, 251-257.	0.5	1