

Mohammad W Kadi

List of Publications by Year in descending order

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34
papers

1,037
citations

516561

16
h-index

414303

32
g-index

34
all docs

34
docs citations

34
times ranked

1081
citing authors

#	ARTICLE	IF	CITATIONS
1	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. <i>Science of the Total Environment</i> , 2016, 569-570, 269-277.	3.9	107
2	Soft and hard templates assisted synthesis mesoporous CuO/g-C ₃ N ₄ heterostructures for highly enhanced and accelerated Hg(II) photoreduction under visible light. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 223-233.	5.0	106
3	Platinum/zinc oxide nanoparticles: Enhanced photocatalysts degrade malachite green dye under visible light conditions. <i>Ceramics International</i> , 2016, 42, 9375-9381.	2.3	99
4	Facile Synthesis of Mesoporous Ag ₂ O@ZnO Heterojunctions for Efficient Promotion of Visible Light Photodegradation of Tetracycline. <i>ACS Omega</i> , 2020, 5, 33269-33279.	1.6	86
5	Soil Pollution Hazardous to Environment: A case study on the chemical composition and correlation to automobile traffic of the roadside soil of Jeddah city, Saudi Arabia. <i>Journal of Hazardous Materials</i> , 2009, 168, 1280-1283.	6.5	79
6	Fluorine doped zinc oxide nanowires: Enhanced photocatalysts degrade malachite green dye under visible light conditions. <i>Ceramics International</i> , 2016, 42, 4672-4678.	2.3	78
7	Increasing visible light water splitting efficiency through synthesis route and charge separation in mesoporous g-C ₃ N ₄ decorated with WO ₃ nanoparticles. <i>Ceramics International</i> , 2019, 45, 3886-3893.	2.3	72
8	The influence of ¹³⁷ Cs-rays irradiation on the structure and crystallinity of heteropoly acid doped PVA. <i>Radiation Physics and Chemistry</i> , 2012, 81, 693-696.	1.4	61
9	Structural and magnetic properties of nanocrystalline Ni _{1-x} Cu _x Fe ₂ O ₄ prepared through oxalates precursors. <i>Polyhedron</i> , 2011, 30, 1185-1190.	1.0	60
10	Phthalates and polycyclic aromatic hydrocarbons (PAHs) in the indoor settled carpet dust of mosques, health risk assessment for public. <i>Science of the Total Environment</i> , 2018, 627, 134-140.	3.9	35
11	Fabrication of Mesoporous Pt@ZnO Nanocomposites with Promoted Photocatalytic Performance for Degradation of Tetracycline. <i>ACS Omega</i> , 2021, 6, 6438-6447.	1.6	30
12	Decoration of mesoporous graphite-like C ₃ N ₄ nanosheets by NiS nanoparticle-driven visible light for hydrogen evolution. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1587-1596.	1.6	25
13	The effects of salinity, temperature, and UV irradiation on leaching and adsorption of phthalate esters from polyethylene in seawater. <i>Science of the Total Environment</i> , 2022, 838, 155461.	3.9	21
14	Cobalt/zinc oxide hollow spheres: Visible light nanophotocatalysts. <i>Ceramics International</i> , 2016, 42, 2299-2305.	2.3	18
15	Enhanced Photocatalytic Activity of ZrO ₂ -SiO ₂ Nanoparticles by Platinum Doping. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-7.	1.4	17
16	Synthesis and optimization of cubic NiFe ₂ O ₄ nanoparticles with enhanced saturation magnetization. <i>Ceramics International</i> , 2014, 40, 227-232.	2.3	16
17	H ₂ production using CuS/g-C ₃ N ₄ nanocomposites under visible light. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 223-232.	1.6	15
18	Preparation and characterization of Pt, N-TiO ₂ -graphene nanocomposites for hydrogen production. <i>Ceramics International</i> , 2019, 45, 6058-6065.	2.3	13

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19	Adsorption of carbon dioxide on $\text{Cu}_x\text{Mg}_y(\text{BTC})_2$ MOFs: influence of Cu/Mg ratio. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	13
20	Synthesis of BaCeO_3 nanoneedles and the effect of V, Ag, Au, Pt doping on the visible light hydrogen evolution in the photocatalytic water splitting reaction. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 138-145.	1.1	12
21	Pt-decorated CuO nanosheets and their application in the visible light photocatalytic water splitting reaction. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 4291-4298.	1.6	9
22	Spectroscopic Assessment of Platinum Group Elements of PM_{10} Particles Sampled in Three Different Areas in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3339.	1.2	9
23	Differential pulse cathodic stripping voltammetric determination of uranium with arsenazo-III at the hanging mercury dropping electrode. <i>Radiochimica Acta</i> , 2009, 97, .	0.5	7
24	Natural Radioactivity and Radon Exhalation in Phosphate Fertilizers. <i>Arabian Journal for Science and Engineering</i> , 2012, 37, 225-231.	1.1	7
25	Thin-layer $\text{g-C}_3\text{N}_4$ nanosheet decoration with MoS_2 nanoparticles as a highly efficient photocatalyst in the H_2 production reaction. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	7
26	Effect of alumina incorporation on restricting grain growth of nanocrystalline tin(IV) oxide. <i>Open Chemistry</i> , 2010, 8, 331-340.	1.0	6
27	Generation of Hydrogen Gas Using CuCr_2O_4 - $\text{g-C}_3\text{N}_4$ Nanocomposites under Illumination by Visible Light. <i>ACS Omega</i> , 2021, 6, 4485-4494.	1.6	6
28	Elemental Spatiotemporal Variations of Total Suspended Particles in Jeddah City. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	5
29	Semi-Volatile Organic Compounds in Car Dust: A Pilot Study in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4803.	1.2	5
30	Selective determination of thorium in water using dual-wavelength λ^2 -correction spectrophotometry and the reagent 4-(2-pyridylazo)-resorcinol. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 345-351.	0.7	4
31	Physicochemical and texture properties of nanocrystalline ZnCo_2O_4 spinel and effect of γ -irradiation on its sintering process. <i>Materials Technology</i> , 2009, 24, 100-104.	1.5	3
32	One-step sol-gel synthesis of PbTiO_3 nanosheets and photocatalytic enhancement through decoration by platinum. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	3
33	Environmental remediation of aqueous cyanide by photocatalytic oxidation using a $\text{NiFe}_2\text{O}_4/\text{TiO}_2$ "SiO ₂ core" shell nanocomposite. <i>Desalination and Water Treatment</i> , 2015, 56, 1940-1948.	1.0	2
34	SrSnO_3 -Assembled MWCNT Heterojunctions for Superior Hydrogen Production under Visible Light. <i>ACS Omega</i> , 2021, 6, 30534-30541.	1.6	1