Qana A Alsulami

List of Publications by Year
in descending order

29 papers	628 citations	687363 13 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	574 citing authors

#	Article	IF	Citations
1	The preparation of carbon nanofillers and their role on the performance of variable polymer nanocomposites. Designed Monomers and Polymers, 2019, 22, 8-53.	1.6	92
2	Cyclodextrins: Structural, Chemical, and Physical Properties, and Applications. Polysaccharides, 2022, 3, 1-31.	4.8	76
3	Synthesis of the SWCNTs/TiO2 nanostructure and its effect study on the thermal, optical, and conductivity properties of the CMC/PEO blend. Results in Physics, 2021, 28, 104675.	4.1	69
4	Enhanced optical, morphological, dielectric, and conductivity properties of gold nanoparticles doped with PVA/CMC blend as an application in organoelectronic devices. Journal of Materials Science: Materials in Electronics, 2021, 32, 10443-10457.	2.2	50
5	Preparation of highly efficient sunlight driven photodegradation of some organic pollutants and H2 evolution over rGO/FeVO4 nanocomposites. International Journal of Hydrogen Energy, 2021, 46, 27349-27363.	7.1	47
6	Structural, thermal, optical characterizations of polyaniline/polymethyl methacrylate composite doped by titanium dioxide nanoparticles as an application in optoelectronic devices. Optical Materials, 2022, 123, 111820.	3.6	44
7	Enhancing the structural, thermal, and dielectric properties of the polymer nanocomposites based on polymer blend and barium titanate nanoparticles for application in energy storage. International Journal of Energy Research, 2022, 46, 8020-8029.	4.5	39
8	Structural, dielectric, and magnetic studies based on MWCNTs/NiFe2O4/ZnO nanoparticles dispersed in polymer PVA/PEO for electromagnetic applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 2906-2924.	2.2	28
9	Ultrafast Photoinduced Electron Transfer in a Ï€-Conjugated Oligomer/Porphyrin Complex. Journal of Physical Chemistry Letters, 2014, 5, 3386-3390.	4.6	26
10	Synthesis of a graphene oxide/ <scp> ZnFe ₂ O ₄ </scp> /polyaniline nanocomposite and its structural and electrochemical characterization for supercapacitor application. International Journal of Energy Research, 2022, 46, 2438-2445.	4.5	16
11	Ultrafast Excited-State Dynamics of Diketopyrrolopyrrole (DPP)-Based Materials: Static versus Diffusion-Controlled Electron Transfer Process. Journal of Physical Chemistry C, 2015, 119, 15919-15925.	3.1	15
12	Remarkably High Conversion Efficiency of Inverted Bulk Heterojunction Solar Cells: From Ultrafast Laser Spectroscopy and Electron Microscopy to Device Fabrication and Optimization. Advanced Energy Materials, 2016, 6, 1502356.	19.5	14
13	Effects of shape-controlling cationic and anionic surfactants on the morphology and surface resonance plasmon intensity of silver@copper bimetallic nanoparticles. Journal of Molecular Liquids, 2019, 275, 354-363.	4.9	14
14	One-step preparation of RGO/Fe3O4â€“FeVO4 nanocomposites as highly effective photocatalysts under natural sunlight illumination. Scientific Reports, 2022, 12, 6565.	3.3	14
15	Physicochemical characterization of low sulfonated polyether ether ketone/Smectite clay composite for proton exchange membrane fuel cells. Journal of Applied Polymer Science, 2021, 138, .	2.6	13
16	The impact of electrostatic interactions on ultrafast charge transfer at Ag₂₉ nanoclustersâ€“fullerene and CdTe quantum dotsâ€“fullerene interfaces. Journal of Materials Chemistry C, 2016, 4, 2894-2900.	5.5	12
17	The Performance of Various SWCNT Loading into CuOâ€“PMMA Nanocomposites Towards the Detection of Mn2+ Ions. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5024-5041.	3.7	12
18	Can perovskites be efficient photocatalysts in organic transformations?. Journal of Materials Chemistry A, 2022, 10, 12317-12333.	10.3	9

#	Article	IF	Citations
19	Lanthanum Exchanged Keggin Structured Heteropoly Compounds for Biodiesel Production. Catalysts, 2019, 9, 979.	3.5	8
20	Fabrication of hybrid PVA-PVC/SnZnOx/SWCNTs nanocomposites as Sn²⁺ ionic probe for environmental safety. Polymer-Plastics Technology and Materials, 2020, 59, 642-657.	1.3	8
21	Synthesis, characterization and ampyrone drug release behavior of magnetite nanoparticle/2,3-dialdehyde cellulose-6-phosphate composite. Cellulose, 2020, 27, 1603-1618.	4.9	6
22	Biodegradable lignin as a reactive raw material in UV curable systems. Polymer-Plastics Technology and Materials, 2020, 59, 1387-1406.	1.3	5
23	Halide Ions Distribution and Charge Dynamics in Mixedâ€Halide Perovskites. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	3
24	Structure, thermal stability and electrical properties of c elluloseâ€6â€phosphate : development of a novel fast Naâ€ionic conductor. Polymer International, 2021, 70, 1290-1297.	3.1	2
25	Design and synthesis of a combined meso-adsorbent/chemo-sensor for extraction and detection of silver ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 272, 120938.	3.9	2
26	Synthesis and characterization of cellulose hydrogel/graphene oxide/polyaniline composite for highâ€performing supercapacitors. International Journal of Energy Research, 2022, 46, 13844-13854.	4.5	2
27	Long lived-charge separation of ultrafast bimolecular electron transfer at PCE10 and fullerene interfaces. Chemical Physics Letters, 2018, 706, 472-476.	2.6	1
28	Controllable power-conversion efficiency in organic-solar cells. Chemical Physics, 2021, 547, 111203.	1.9	1
29	Heterojunction Solar Cells: Remarkably High Conversion Efficiency of Inverted Bulk Heterojunction Solar Cells: From Ultrafast Laser Spectroscopy and Electron Microscopy to Device Fabrication and Optimization (Adv. Energy Mater. 11/2016). Advanced Energy Materials, 2016, 6, .	19.5	0