

Asghar Ali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation of Nanowire like WSe ₂ -Graphene Nanocomposite for Photocatalytic Reduction of CO ₂ into CH ₃ OH with the Presence of Sacrificial Agents. Scientific Reports, 2017, 7, 1867.	1.6	51
2	Novel synthesis of WSe ₂ -Graphene-TiO ₂ ternary nanocomposite via ultrasonic technics for high photocatalytic reduction of CO ₂ into CH ₃ OH. Ultrasonics Sonochemistry, 2018, 42, 738-746.	3.8	48
3	Microwave synthesis of a CoSe ₂ /graphene-TiO ₂ heterostructure for improved hydrogen evolution from aqueous solutions in the presence of sacrificial agents. RSC Advances, 2015, 5, 18841-18849.	1.7	23
4	A simple ultrasonic-synthetic route of Cu ₂ Se-graphene-TiO ₂ ternary composites for carbon dioxide conversion processes. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 827-836.	1.0	17
5	A simple ultrasono-synthetic route of PbSe-graphene-TiO ₂ ternary composites to improve the photocatalytic reduction of CO ₂ . Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 449-458.	1.0	16
6	Detection of reactive oxygen species (ROS) and investigation of efficient visible-light-responsive photocatalysis via nanoscale PbSe sensitized TiO ₂ . Separation and Purification Technology, 2015, 151, 184-192.	3.9	15
7	Ultrasonic Synthesis of CoSe ₂ -Graphene-TiO ₂ Ternary Composites for High Photocatalytic Degradation Performance. Journal of the Korean Ceramic Society, 2017, 54, 205-210.	1.1	15
8	Modified hydrothermal synthesis and characterization of reduced graphene oxide-silver selenide nanocomposites with enhanced reactive oxygen species generation. Chinese Journal of Catalysis, 2015, 36, 603-611.	6.9	14
9	Synthesis of Ag ₂ Se-graphene-TiO ₂ nanocomposite and analysis of photocatalytic activity of CO ₂ reduction to CH ₃ OH. Bulletin of Materials Science, 2017, 40, 1319-1328.	0.8	14
10	Novel and simple process for the photocatalytic reduction of CO ₂ with ternary Bi ₂ O ₃ -graphene-ZnO nanocomposite. Journal of Materials Science: Materials in Electronics, 2018, 29, 10222-10233.	1.1	14
11	CVD growth of large-area graphene over Cu foil by atmospheric pressure and its application in H ₂ evolution. Solid State Sciences, 2015, 46, 84-88.	1.5	11
12	Catalytic reduction of CO ₂ to alcohol with Cu ₂ Se-combined graphene binary nanocomposites. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 555-563.	1.0	10
13	Photocatalytic Performance of CoS ₂ -Graphene-TiO ₂ Ternary Composites for Reactive Black B (RBB) Degradation. Journal of the Korean Ceramic Society, 2017, 54, 308-313.	1.1	10
14	First-principles calculation on dilute magnetic alloys in zinc blend crystal structure. Journal of Magnetism and Magnetic Materials, 2015, 385, 27-31.	1.0	9
15	Microwave-Assisted Synthesis of Pt-Graphene/TiO ₂ Nanocomposites and Their Efficiency in Assisting Hydrogen Evolution from Water in the Presence of Sacrificial Agents. Science of Advanced Materials, 2015, 7, 606-614.	0.1	9
16	Preparation of Ag ₂ Se-Graphene-TiO ₂ Nanocomposite and its Photocatalytic Degradation (Rh B). Journal of the Korean Ceramic Society, 2017, 54, 388-394.	1.1	7
17	Progress in Design and Fabrication of Novel Graphene-Based Semiconductor Photocatalysts. Asian Journal of Chemistry, 2014, 26, S1-S5.	0.1	5
18	Additional Effect of Zeolite Based on Bactericidal Activated Carbon Spheres with Enhanced Adsorption Effect and Higher Ignition Temperature. Journal of the Korean Ceramic Society, 2016, 53, 68-74.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of a Ternary Nanocomposite Based on CdSe Decorated Graphene-TiO ₂ and its Application in the Quantitative Analysis of Alcohol with Reduction of CO ₂ . Journal of the Korean Ceramic Society, 2018, 55, 381-391.	1.1	4
20	Copper Metallic Powder Effect for Expanded Graphite Plate for Thermal Conductivity. Asian Journal of Chemistry, 2017, 29, 2154-2158.	0.1	3
21	Electrochemical Performance of Graphene/Activated Carbon Based Electric Double Layer Supercapacitors. Asian Journal of Chemistry, 2016, 28, 133-137.	0.1	3
22	Thermal and Physical Performance of Heat Sink for Light-Emitting Diode Improved with Expanded Graphite. Asian Journal of Chemistry, 2015, 27, 2298-2302.	0.1	2
23	Novel synthesis of TiO ₂ combined spherical carbon for the photocatalytic decolorization of commercial Texbrite dyes under visible light response. , 0, 72, 374-385.		1
24	Carbonaceous Materials-Based Electric Double Layer Capacitors with Improved Electrochemical Performance. Asian Journal of Chemistry, 2015, 27, 1056-1062.	0.1	0
25	Enhanced Physical and Thermal Performance of Expanded Graphite-Based Heat Sink for LED Radiator. Asian Journal of Chemistry, 2015, 27, 4076-4080.	0.1	0
26	Enhanced Visible Light Photocatalytic Activity of Lead Selenide/Graphene/Titanium Dioxide Nanocomposite Synthesized via Ultra-Sonication Technique. Asian Journal of Chemistry, 2018, 30, 34-38.	0.1	0
27	Synthesis and Characterization of CdSe/graphene Nanocomposites and their Catalytic Reusability Studies under Visible Light Radiation. Journal of the Korean Ceramic Society, 2015, 52, 502-507.	1.1	0
28	Photocatalytic Dye Decomposition Effect of Binary Copper (I) Selenide-graphene Nanocomposites Synthesized with Facile Microwave-assisted Technique. Applied Chemistry for Engineering, 2016, 27, 483-489.	0.2	0
29	Aluminum Effect as Additive Material in Expanded Graphite/Sand Composite for High Thermal Conductivity. Korean Journal of Materials Research, 2017, 27, 422-430.	0.1	0