

# Asghar Ali

## List of Publications by Year in descending order

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29  
papers

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citations

840119

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887659

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29  
docs citations

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times ranked

518  
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#	ARTICLE	IF	CITATIONS
1	Novel and simple process for the photocatalytic reduction of CO <sub>2</sub> with ternary Bi <sub>2</sub> O <sub>3</sub> â€“grapheneâ€“ZnO nanocomposite. Journal of Materials Science: Materials in Electronics, 2018, 29, 10222-10233.	1.1	14
2	Novel synthesis of WSe <sub>2</sub> -Graphene-TiO <sub>2</sub> ternary nanocomposite via ultrasonic technics for high photocatalytic reduction of CO <sub>2</sub> into CH <sub>3</sub> OH. Ultrasonics Sonochemistry, 2018, 42, 738-746.	3.8	48
3	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
4	A simple ultrasonic-synthetic route of Cu <sub>2</sub> Se-graphene-TiO <sub>2</sub> ternary composites for carbon dioxide conversion processes. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 827-836.	1.0	17
5	Synthesis and Characterization of a Ternary Nanocomposite Based on CdSe Decorated Graphene-TiO <sub>2</sub> and its Application in the Quantitative Analysis of Alcohol with Reduction of CO <sub>2</sub> . Journal of the Korean Ceramic Society, 2018, 55, 381-391.	1.1	4
6	Preparation of Nanowire like WSe <sub>2</sub> -Graphene Nanocomposite for Photocatalytic Reduction of CO <sub>2</sub> into CH <sub>3</sub> OH with the Presence of Sacrificial Agents. Scientific Reports, 2017, 7, 1867.	1.6	51
7	A simple ultrasono-synthetic route of PbSe-graphene-TiO <sub>2</sub> ternary composites to improve the photocatalytic reduction of CO <sub>2</sub> . Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 449-458.	1.0	16
8	Synthesis of Ag <sub>2</sub> Seâ€“grapheneâ€“TiO <sub>2</sub> nanocomposite and analysis of photocatalytic activity of CO <sub>2</sub> reduction to CH <sub>3</sub> OH. Bulletin of Materials Science, 2017, 40, 1319-1328.	0.8	14
9	Copper Metallic Powder Effect for Expanded Graphite Plate for Thermal Conductivity. Asian Journal of Chemistry, 2017, 29, 2154-2158.	0.1	3
10	Ultrasonic Synthesis of CoSe <sub>2</sub> -Graphene-TiO <sub>2</sub> Ternary Composites for High Photocatalytic Degradation Performance. Journal of the Korean Ceramic Society, 2017, 54, 205-210.	1.1	15
11	Photocatalytic Performance of CoS <sub>2</sub> -Graphene-TiO <sub>2</sub> Ternary Composites for Reactive Black B (RBB) Degradation. Journal of the Korean Ceramic Society, 2017, 54, 308-313.	1.1	10
12	Preparation of Ag <sub>2</sub> Se-Graphene-TiO <sub>2</sub> Nanocomposite and its Photocatalytic Degradation (Rh B). Journal of the Korean Ceramic Society, 2017, 54, 388-394.	1.1	7
13	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
14	Catalytic reduction of CO <sub>2</sub> to alcohol with Cu <sub>2</sub> Se-combined graphene binary nanocomposites. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 555-563.	1.0	10
15	Electrochemical Performance of Graphene/Activated Carbon Based Electric Double Layer Supercapacitors. Asian Journal of Chemistry, 2016, 28, 133-137.	0.1	3
16	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
17	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
18	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

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19	Carbonaceous Materials-Based Electric Double Layer Capacitors with Improved Electrochemical Performance. Asian Journal of Chemistry, 2015, 27, 1056-1062.	0.1	0
20	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
21	Microwave synthesis of a CoSe <sub>2</sub> /graphene@TiO <sub>2</sub> heterostructure for improved hydrogen evolution from aqueous solutions in the presence of sacrificial agents. RSC Advances, 2015, 5, 18841-18849.	1.7	23
22	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
23	CVD growth of large-area graphene over Cu foil by atmospheric pressure and its application in H <sub>2</sub> evolution. Solid State Sciences, 2015, 46, 84-88.	1.5	11
24	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
25	Detection of reactive oxygen species (ROS) and investigation of efficient visible-light-responsive photocatalysis via nanoscale PbSe sensitized TiO <sub>2</sub> . Separation and Purification Technology, 2015, 151, 184-192.	3.9	15
26	Microwave-Assisted Synthesis of Pt-Graphene/TiO <sub>2</sub> 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
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	Progress in Design and Fabrication of Novel Graphene-Based Semiconductor Photocatalysts. Asian Journal of Chemistry, 2014, 26, S1-S5.	0.1	5
29	Novel synthesis of TiO <sub>2</sub> combined spherical carbon for the photocatalytic decolorization of commercial Texbrite dyes under visible light response. , 0, 72, 374-385.		1