

# Arshid M Ali

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96  
papers

2,377  
citations

27  
h-index

47  
g-index

100  
ext. papers

3,297  
ext. citations

5.8  
avg, IF

6.72  
L-index

#	Paper	IF	Citations
96	Titanium Carbide MXene Nanostructures as Catalysts and Cocatalysts for Photocatalytic Fuel Production: A Review. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 18-54	5.6	6
95	Influence of Ce substitution in LaMO <sub>3</sub> (M=Co/Ni) perovskites for CO <sub>x</sub> -free hydrogen production from ammonia decomposition. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103547	5.9	2
94	Effect of nonmetals (B, O, P, and S) doped with porous g-CN for improved electron transfer towards photocatalytic CO reduction with water into CH <sub>4</sub> . <i>Chemosphere</i> , <b>2022</b> , 286, 131765	8.4	14
93	Sequential and/or Simultaneous Wet-Impregnation Impact on the Mesoporous Pt/Sn/Zn/Al <sub>2</sub> O <sub>3</sub> Catalysts for the Direct Ethane Dehydrogenation. <i>Journal of Nanomaterials</i> , <b>2022</b> , 2022, 1-17	3.2	0
92	Constructing S-Scheme Heterojunction of CoAlLa-LDH/g-C <sub>3</sub> N <sub>4</sub> through Monolayer Ti <sub>3</sub> C <sub>2</sub> -MXene to Promote Photocatalytic CO <sub>2</sub> Re-forming of Methane to Solar Fuels. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 784-806	6.1	2
91	Recent advances in constructing heterojunctions of binary semiconductor photocatalysts for visible light responsive CO <sub>2</sub> reduction to energy efficient fuels: A review. <i>International Journal of Energy Research</i> , <b>2022</b> , 46, 5523-5584	4.5	0
90	A review on sensitivity of operating parameters on biogas catalysts for selective oxidation of Hydrogen Sulfide to elemental sulfur.. <i>Chemosphere</i> , <b>2022</b> , 134579	8.4	2
89	Role of Ti <sub>3</sub> C <sub>2</sub> MXene as Prominent Schottky Barriers in Driving Hydrogen Production through Photoinduced Water Splitting: A Comprehensive Review. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 11982-12006	6.1	15
88	Single-step fabrication of highly stable amorphous TiO nanotubes arrays (am-TNTA) for stimulating gas-phase photoreduction of CO to methane. <i>Chemosphere</i> , <b>2021</b> , 289, 133170	8.4	1
87	Functionalized role of highly porous activated carbon in bismuth vanadate nanomaterials for boosted photocatalytic hydrogen evolution and synchronous activity in water. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 39778-39778	6.7	2
86	Synthesis of BiVO <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> composite for photocatalytic degradation of methylene blue. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 2793	3.3	2
85	Insighting role of activated carbon based nanostructures for complete photocatalytic degradation of hazardous pharmaceutical compound. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 1117-1126	3.3	1
84	Role of Microalgae as a Source for Biofuel Production in the Future: A Short Review. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , <b>2021</b> , 16, 396-412	1.7	3
83	Investigating the Influential Effect of Etchant Time in Constructing 2D/2D HCN/MXene Heterojunction with Controlled Growth of TiO <sub>2</sub> NPs for Stimulating Photocatalytic H <sub>2</sub> Production. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 6807-6822	4.1	14
82	Synergistic Effect of Co/La in Oxygen Vacancy Rich Ternary CoAlLa Layered Double Hydroxide with Enhanced Reductive Sites for Selective Photoreduction of CO <sub>2</sub> to CH <sub>4</sub> . <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 8922-8943	4.1	11
81	Polypropylene-based nanocomposites for HVDC cable insulation. <i>IET Nanodielectrics</i> , <b>2021</b> , 4, 84-97	2.8	2
80	Mechanistic investigation of Mg <sup>2+</sup> -ion-induced ZnO nanorods for enhanced photocatalytic performance. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 1917-1927	3.3	

79	Structural, Thermal, Morphological and Magnetic Properties of Al <sup>3+</sup> -Doped Nanostructured Spinel Nickel Ferrites. <i>Science of Advanced Materials</i> , <b>2021</b> , 13, 794-802	2.3	0
78	Constructing LaCoO <sub>3</sub> Perovskite Anchored 3D g-C <sub>3</sub> N <sub>4</sub> Hollow Tube Heterojunction with Proficient Interface Charge Separation for Stimulating Photocatalytic H <sub>2</sub> Production. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 9727-9746	4.1	12
77	In-situ growth of TiO imbedded TiCT nanosheets to construct PCN/TiCT MXenes 2D/3D heterojunction for efficient solar driven photocatalytic CO reduction towards CO and CH production. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 20-37	9.3	24
76	Torrefaction and Thermochemical Properties of Agriculture Residues. <i>Energies</i> , <b>2021</b> , 14, 4218	3.1	2
75	The economic and environmental analysis of energy production from slaughterhouse waste in Saudi Arabia. <i>Environment, Development and Sustainability</i> , <b>2021</b> , 23, 4252-4269	4.5	3
74	Cellulose triacetate fiber-reinforced polystyrene composite. <i>Journal of Thermoplastic Composite Materials</i> , <b>2021</b> , 34, 707-721	1.9	3
73	Biodiesel production from novel non-edible caper ( <i>Capparis spinosa</i> L.) seeds oil employing CuNi doped ZrO <sub>2</sub> catalyst. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 138, 110558	16.2	14
72	Well-designed 2D/2D Ti <sub>3</sub> C <sub>2</sub> TA/R MXene coupled g-C <sub>3</sub> N <sub>4</sub> heterojunction with in-situ growth of anatase/rutile TiO <sub>2</sub> nucleates to boost photocatalytic dry-reforming of methane (DRM) for syngas production under visible light. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 285, 119777	21.8	55
71	Hydrothermal synthesis of an efficient and visible light responsive pure and strontium doped zinc oxide nano-hexagonal photocatalysts for photodegradation of Rhodamine B dye. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 1045-1056	3.3	2
70	Carbon Dioxide (CO <sub>2</sub> ) Capture in Alkanolamines Impregnated Activated Carbon Developed from Date Stones. <i>Science of Advanced Materials</i> , <b>2021</b> , 13, 98-104	2.3	4
69	Recent Developments in Natural Gas Flaring Reduction and Reformation to Energy-Efficient Fuels: A Review. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 3675-3714	4.1	25
68	Fabricating 2D/2D/2D heterojunction of graphene oxide mediated g-C <sub>3</sub> N <sub>4</sub> and ZnV <sub>2</sub> O <sub>6</sub> composite with kinetic modelling for photocatalytic CO <sub>2</sub> reduction to fuels under UV and visible light. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 9985-10007	4.3	6
67	Influence of van der waals heterostructures of 2D materials on catalytic performance of ZnO and its applications in energy: A review. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 25413-25423	6.7	3
66	First-principles calculations to investigate structural, electronic and optical properties of Na based fluoroperovskites NaXF <sub>3</sub> (X= Sr, Zn). <i>Solid State Communications</i> , <b>2021</b> , 334-335, 114396	1.6	3
65	Current Trends and Approaches to Boost the Performance of Metal Organic Frameworks for Carbon Dioxide Methanation through Photo/Thermal Hydrogenation: A Review. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 13149-13179	3.9	11
64	Binary Ni <sub>2</sub> P/Ti <sub>3</sub> C <sub>2</sub> Multilayer Cocatalyst Anchored TiO <sub>2</sub> Nanocomposite with Etchant/Oxidation Grown TiO <sub>2</sub> NPs for Enhancing Photocatalytic H <sub>2</sub> Production. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 14197-14214	4.1	12
63	Ammonia removal from raw water by using adsorptive membrane filtration process. <i>Separation and Purification Technology</i> , <b>2021</b> , 270, 118757	8.3	4
62	Photocatalytic CO <sub>2</sub> reduction to CO and CH <sub>4</sub> using g-C <sub>3</sub> N <sub>4</sub> /RGO on titania nanotube arrays (TNTAs). <i>Journal of Materials Science</i> , <b>2021</b> , 56, 18989	4.3	0

61	Advances in structural modification of perovskite semiconductors for visible light assisted photocatalytic CO <sub>2</sub> reduction to renewable solar fuels: A review. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106264	6.8	15
60	Structural, electronics and optical properties of sodium based fluoroperovskites NaXF <sub>3</sub> (X = Ca, Mg, Sr and Zn): First principles calculations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2021</b> , 412, 127574	2.3	7
59	Novel, facile and first time synthesis of zinc oxide nanoparticles using leaves extract of Citrus reticulata for photocatalytic and antibacterial activity. <i>Optik</i> , <b>2021</b> , 243, 167495	2.5	5
58	Capacitive properties of novel Sb-doped Co <sub>3</sub> O <sub>4</sub> electrode material synthesized by hydrothermal method. <i>Ceramics International</i> , <b>2021</b> , 47, 32210-32217	5.1	2
57	Facile fabrication of well-designed 2D/2D porous g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanocomposite for photocatalytic methane reforming (DRM) with CO <sub>2</sub> towards enhanced syngas production under visible light. <i>Fuel</i> , <b>2021</b> , 305, 121558	7.1	8
56	Doped Nanostructured Manganese Ferrites: Synthesis, Characterization, and Magnetic Properties. <i>Journal of Nanomaterials</i> , <b>2021</b> , 2021, 1-12	3.2	0
55	Photoinduced Dry and Bireforming of Methane to Fuels over La-Modified TiO <sub>2</sub> in Fixed-Bed and Monolith Reactors. <i>Energy Technology</i> , <b>2020</b> , 8, 2000106	3.5	8
54	Recent development in band engineering of binary semiconductor materials for solar driven photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 15985-16038	6.7	91
53	Highly efficient hydrotalcite supported palladium catalyst for hydrodechlorination of 1, 2, 4-tri chlorobenzene: Influence of Pd loading. <i>Journal of Chemical Sciences</i> , <b>2020</b> , 132, 1	1.8	2
52	Construction of a Stable Two-Dimensional MAX Supported Protonated Graphitic Carbon Nitride (pg-C <sub>3</sub> N <sub>4</sub> )/Ti <sub>3</sub> AlC <sub>2</sub> /TiO <sub>2</sub> Z-Scheme Multiheterojunction System for Efficient Photocatalytic CO <sub>2</sub> Reduction through Dry Reforming of Methanol. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 3540-3556	4.1	43
51	Enhanced photocatalytic CO <sub>2</sub> reduction to fuels through bireforming of methane over structured 3D MAX Ti <sub>3</sub> AlC <sub>2</sub> /TiO <sub>2</sub> heterojunction in a monolith photoreactor. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2020</b> , 38, 99-112	7.6	29
50	Bimetallic Ru-Fe Nanoparticles Supported on Carbon Nanotubes for Ammonia Decomposition and Synthesis. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 719-730	2	11
49	MgFe and Mg <sub>1-x</sub> Co <sub>x</sub> mixed oxides derived from hydrotalcites: Highly efficient catalysts for CO <sub>x</sub> free hydrogen production from NH <sub>3</sub> . <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 873-890	6.7	10
48	Tailoring metal/support interaction in 0D TiO <sub>2</sub> NPs/MPs embedded 2D MAX composite with boosted interfacial charge carrier separation for stimulating photocatalytic H <sub>2</sub> production. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104529	6.8	8
47	Constructing a Stable 2D Layered Ti <sub>3</sub> C <sub>2</sub> MXene Cocatalyst-Assisted TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> /Ti <sub>3</sub> C <sub>2</sub> Heterojunction for Tailoring Photocatalytic Bireforming of Methane under Visible Light. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 9810-9828	4.1	42
46	Well-Designed 3D/2D/2D WO <sub>3</sub> /Bt/g-C <sub>3</sub> N <sub>4</sub> Z-Scheme Heterojunction for Tailoring Photocatalytic CO <sub>2</sub> Methanation with 2D-Layered Bentonite-Clay as the Electron Moderator under Visible Light. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 14400-14418	4.1	19
45	Template free synthesis of graphitic carbon nitride nanotubes mediated by lanthanum (La/g-CNT) for selective photocatalytic CO <sub>2</sub> reduction via dry reforming of methane (DRM) to fuels. <i>Applied Surface Science</i> , <b>2020</b> , 504, 144177	6.7	47
44	Correlation Between Tunable Oxygen Defects in TiO <sub>2</sub> Nanoflower and Its Photocatalytic Performance for the Degradation of Organic Waste. <i>Nano</i> , <b>2020</b> , 15, 2050018	1.1	2

43	Ag-La loaded protonated carbon nitrides nanotubes (pCNNT) with improved charge separation in a monolithic honeycomb photoreactor for enhanced bireforming of methane (BRM) to fuels. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 248, 167-183	21.8	60
42	Characterization of an amorphous indium tin oxide (ITO) film on a polylactic acid (PLA) substrate. <i>Bulletin of Materials Science</i> , <b>2019</b> , 42, 1	1.7	3
41	Engineering approach to enhance photocatalytic water splitting for dynamic H <sub>2</sub> production using La <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanocatalyst in a monolith photoreactor. <i>Applied Surface Science</i> , <b>2019</b> , 484, 1089-1101	6.7	34
40	Cu-NPs embedded 1D/2D CNTs/pCN heterojunction composite towards enhanced and continuous photocatalytic CO <sub>2</sub> reduction to fuels. <i>Applied Surface Science</i> , <b>2019</b> , 485, 450-461	6.7	44
39	Methanol Synthesis Using CO and H <sub>2</sub> on Nano Silver-Ceria Zirconia Catalysts: Influence of Preparation Method. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 3197-3204	1.3	5
38	Sub-3 nm Rh nanoclusters confined within a metal-organic framework for enhanced hydrogen generation. <i>Chemical Communications</i> , <b>2019</b> , 55, 4699-4702	5.8	24
37	Montmorillonite dispersed single wall carbon nanotubes (SWCNTs)/TiO <sub>2</sub> heterojunction composite for enhanced dynamic photocatalytic H <sub>2</sub> production under visible light. <i>Applied Clay Science</i> , <b>2019</b> , 174, 110-119	5.2	28
36	Indirect Z-Scheme Assembly of 2D ZnV <sub>2</sub> O <sub>6</sub> /RGO/g-C <sub>3</sub> N <sub>4</sub> Nanosheets with RGO/pCN as Solid-State Electron Mediators toward Visible-Light-Enhanced CO <sub>2</sub> Reduction. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> ,	3.9	64
35	Comprehensive dynamic modeling, simulation, and validation for an industrial boiler incident investigation. <i>Process Safety Progress</i> , <b>2019</b> , 38, e12040	1	3
34	In-situ synthesis of TiO <sub>2</sub> /La <sub>2</sub> O <sub>3</sub> /CO <sub>3</sub> /rGO composite under acidic/basic treatment with La <sup>3+</sup> /Ti <sup>3+</sup> as mediators for boosting photocatalytic H <sub>2</sub> evolution. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 23669-23688	6.7	15
33	Facile synthesis of GO and g-CN nanosheets encapsulated magnetite ternary nanocomposite for superior photocatalytic degradation of phenol. <i>Environmental Pollution</i> , <b>2019</b> , 253, 1066-1078	9.3	29
32	Carbon Nanotubes Incorporated Z-Scheme Assembly of AgBr/TiO <sub>2</sub> for Photocatalytic Hydrogen Production under Visible Light Irradiations. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
31	Recent advancements in engineering approach towards design of photo-reactors for selective photocatalytic CO <sub>2</sub> reduction to renewable fuels. <i>Journal of CO<sub>2</sub> Utilization</i> , <b>2019</b> , 29, 205-239	7.6	105
30	Enhanced photocatalytic carbon dioxide reforming of methane to fuels over nickel and montmorillonite supported TiO <sub>2</sub> nanocomposite under UV-light using monolith photoreactor. <i>Journal of Cleaner Production</i> , <b>2019</b> , 213, 451-461	10.3	56
29	Hierarchical 3D VO <sub>2</sub> /ZnV <sub>2</sub> O <sub>4</sub> microspheres as an excellent visible light photocatalyst for CO <sub>2</sub> reduction to solar fuels. <i>Applied Surface Science</i> , <b>2019</b> , 467-468, 1170-1180	6.7	54
28	La-modified TiO <sub>2</sub> /carbon nanotubes assembly nanocomposite for efficient photocatalytic hydrogen evolution from glycerol-water mixture. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 3711-3725	6.7	59
27	Well-designed ZnV <sub>2</sub> O <sub>6</sub> /g-C <sub>3</sub> N <sub>4</sub> 2D/2D nanosheets heterojunction with faster charges separation via pCN as mediator towards enhanced photocatalytic reduction of CO <sub>2</sub> to fuels. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 242, 312-326	21.8	125
26	Tailoring performance of La-modified TiO <sub>2</sub> nanocatalyst for continuous photocatalytic CO <sub>2</sub> reforming of CH <sub>4</sub> to fuels in the presence of H <sub>2</sub> O. <i>Energy Conversion and Management</i> , <b>2018</b> , 159, 284-298	10.6	60

25	Ethyl benzene oxidative dehydrogenation to styrene on Al-B and Al-B-Sb catalysts. <i>Applied Catalysis A: General</i> , <b>2018</b> , 552, 49-57	5.1	4
24	Implication of iron nitride species to enhance the catalytic activity and stability of carbon nanotubes supported Fe catalysts for carbon-free hydrogen production via low-temperature ammonia decomposition. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 907-915	5.5	27
23	Impact of cobalt as dopant on surface morphologies of undoped ZnO nanostructured thin films. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2018</b> , 13, e2183	1.3	
22	Size structure-catalytic performance correlation of supported Ni/MCF-17 catalysts for CO-free hydrogen production. <i>Chemical Communications</i> , <b>2018</b> , 54, 6364-6367	5.8	25
21	Cold plasma dielectric barrier discharge reactor for dry reforming of methane over Ni/?-Al <sub>2</sub> O <sub>3</sub> -MgO nanocomposite. <i>Fuel Processing Technology</i> , <b>2018</b> , 178, 166-179	7.2	52
20	Photo-induced CO <sub>2</sub> reduction by CH <sub>4</sub> /H <sub>2</sub> O to fuels over Cu-modified g-C <sub>3</sub> N <sub>4</sub> nanorods under simulated solar energy. <i>Applied Surface Science</i> , <b>2017</b> , 419, 875-885	6.7	111
19	Synergistic effect in plasmonic Au/Ag alloy NPs co-coated TiO <sub>2</sub> NWs toward visible-light enhanced CO <sub>2</sub> photoreduction to fuels. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 204, 548-560	21.8	189
18	Effect of preparation methods on the catalyst performance of Co/Mg La mixed oxide catalyst for CO <sub>x</sub> -free hydrogen production by ammonia decomposition. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 24213-24221	6.7	19
17	Kinetics of hydrogen adsorption on MgH <sub>2</sub> /CNT composite. <i>Materials Research Bulletin</i> , <b>2016</b> , 77, 23-28	5.1	22
16	Selective photocatalytic reduction of CO <sub>2</sub> by H <sub>2</sub> O/H <sub>2</sub> to CH <sub>4</sub> and CH <sub>3</sub> OH over Cu-promoted In <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> nanocatalyst. <i>Applied Surface Science</i> , <b>2016</b> , 389, 46-55	6.7	91
15	Daily variation of radon gas and its short-lived progeny concentration near ground level and estimation of aerosol residence time. <i>Chinese Physics B</i> , <b>2016</b> , 25, 050701	1.2	3
14	Photocatalytic CO <sub>2</sub> conversion over Au/TiO <sub>2</sub> nanostructures for dynamic production of clean fuels in a monolith photoreactor. <i>Clean Technologies and Environmental Policy</i> , <b>2016</b> , 18, 2147-2160	4.3	17
13	Gold/indium modified TiO <sub>2</sub> nanocatalysts for photocatalytic CO <sub>2</sub> reduction with H <sub>2</sub> as reductant in a monolith photoreactor. <i>Applied Surface Science</i> , <b>2015</b> , 338, 1-14	6.7	74
12	Strong synergism between gold and manganese in an Au/Mn/triple-oxide-support (TOS) oxidation catalyst. <i>Applied Catalysis A: General</i> , <b>2015</b> , 489, 24-31	5.1	11
11	Effect of Au Precursor and Support on the Catalytic Activity of the Nano-Au-Catalysts for Propane Complete Oxidation. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-10	3.2	3
10	Conventional versus lattice photocatalysed reactions: Implications of the lattice oxygen participation in the liquid phase photocatalytic oxidation with nanostructured ZnO thin films on reaction products and mechanism at both 254 nm and 340 nm. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 161, 222-231	21.8	31
9	Photocatalysis with nanostructured zinc oxide thin films: The relationship between morphology and photocatalytic activity under oxygen limited and oxygen rich conditions and evidence for a Mars Van Krevelen mechanism. <i>Applied Catalysis B: Environmental</i> , <b>2010</b> , 97, 168-181	21.8	102
8	H <sub>2</sub> -rich syngas production from air gasification of date palm waste: an experimental and modeling investigation. <i>Biomass Conversion and Biorefinery</i> , <b>2010</b> , 1, 1-10	2.3	0



7	Asian Journal of Chemistry. <i>Asian Journal of Chemistry</i> ,	0.4	24
6	Construction of an S-Scheme Heterojunction with Oxygen-Vacancy-Rich Trimetallic CoAlLa-LDH Anchored on Titania-Sandwiched Ti3C2 Multilayers for Boosting Photocatalytic CO2 Reduction under Visible Light. <i>Industrial &amp; Engineering Chemistry Research</i> ,	3.9	3
5	Recent developments in layered double hydroxide structures with their role in promoting photocatalytic hydrogen production: A comprehensive review. <i>International Journal of Energy Research</i> ,	4.5	1
4	International Proceedings of Chemical, Biological and Environmental Engineering		174
3	Investigating influential effect of methanol-phenol-steam mixture on hydrogen production through thermodynamic analysis with experimental evaluation. <i>International Journal of Energy Research</i> ,	4.5	3
2	Nipah ( <i>Musa Acuminata Balbisiana</i> ) banana peel as a lignocellulosic precursor for activated carbon: characterization study after carbonization process with phosphoric acid impregnated activated carbon. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	2
1	MOF-Based Catalysts for Production of Value-Added Fine Chemicals from Carbon Dioxide. <i>ACS Symposium Series</i> ,155-171	0.4	3