

Ishfaq Ahmad

List of Publications by Year in Descending Order

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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.

25 papers	1,424 citations	10 h-index	26 g-index
26 ext. papers	1,779 ext. citations	13.7 avg, IF	4.63 L-index

#	Paper	IF	Citations
25	Unveiling the critical role of active site interaction in single atom catalyst towards hydrogen evolution catalysis. <i>Nano Energy</i> , 2022 , 93, 106819	17.1	3
24	3D Porous Fused Aromatic Networks for High Performance Gas and Iodine Uptakes (Adv. Mater. Interfaces 22/2021). <i>Advanced Materials Interfaces</i> , 2021 , 8, 2170128	4.6	
23	3D Porous Fused Aromatic Networks for High Performance Gas and Iodine Uptakes. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2101373	4.6	0
22	Fused Aromatic Network Structures: Fused Aromatic Network with Exceptionally High Carrier Mobility (Adv. Mater. 9/2021). <i>Advanced Materials</i> , 2021 , 33, 2170063	24	
21	Recent Progress in Porous Fused Aromatic Networks and Their Applications. <i>Small Science</i> , 2021 , 1, 2000007		6
20	Fused aromatic networks with the different spatial arrangement of structural units. <i>Cell Reports Physical Science</i> , 2021 , 100502	6.1	0
19	Synthesis of Saddle-Shape Octaaminotetraphenylene Octahydrochloride. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14398-14403	4.2	1
18	Fused Aromatic Network with Exceptionally High Carrier Mobility. <i>Advanced Materials</i> , 2021 , 33, e2004707	24	6
17	Two-dimensional amine and hydroxy functionalized fused aromatic covalent organic framework. <i>Communications Chemistry</i> , 2020 , 3,	6.3	10
16	Iron encased organic networks with enhanced lithium storage properties. <i>Energy Storage</i> , 2020 , 2, e114	2.8	2
15	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. <i>Nature Communications</i> , 2019 , 10, 4060	17.4	70
14	Identifying the structure of Zn-N active sites and structural activation. <i>Nature Communications</i> , 2019 , 10, 2623	17.4	50
13	Scalable Synthesis of Tetrapodal Octaamine. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 2335-2338	3.2	4
12	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. <i>Nano Energy</i> , 2019 , 56, 581-587	17.1	24
11	A Robust 3D Cage-like Ultramicroporous Network Structure with High Gas-Uptake Capacity. <i>Angewandte Chemie</i> , 2018 , 130, 3473-3478	3.6	4
10	A Robust 3D Cage-like Ultramicroporous Network Structure with High Gas-Uptake Capacity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3415-3420	16.4	34
9	Hydrogen Evolution Reaction: Encapsulating Iridium Nanoparticles Inside a 3D Cage-Like Organic Network as an Efficient and Durable Catalyst for the Hydrogen Evolution Reaction (Adv. Mater. 52/2018). <i>Advanced Materials</i> , 2018 , 30, 1870401	24	2

8	Encapsulating Iridium Nanoparticles Inside a 3D Cage-Like Organic Network as an Efficient and Durable Catalyst for the Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2018 , 30, e1805606	24	69
7	Hydrogen Evolution Reaction: Mechanochemically Assisted Synthesis of a Ru Catalyst for Hydrogen Evolution with Performance Superior to Pt in Both Acidic and Alkaline Media (Adv. Mater. 44/2018). <i>Advanced Materials</i> , 2018 , 30, 1870330	24	13
6	Mechanochemically Assisted Synthesis of a Ru Catalyst for Hydrogen Evolution with Performance Superior to Pt in Both Acidic and Alkaline Media. <i>Advanced Materials</i> , 2018 , 30, e1803676	24	125
5	An efficient and pH-universal ruthenium-based catalyst for the hydrogen evolution reaction. <i>Nature Nanotechnology</i> , 2017 , 12, 441-446	28.7	857
4	Electrocatalysis: Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst (Small 40/2017). <i>Small</i> , 2017 , 13,	11	1
3	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. <i>Small</i> , 2017 , 13, 1701167	11	59
2	Macroporous Inverse Opal-like MoC with Incorporated Mo Vacancies for Significantly Enhanced Hydrogen Evolution. <i>ACS Nano</i> , 2017 , 11, 7527-7533	16.7	84
1	Synthesis and Characterization of Functionalized Silver Nanoparticles for Selective Screening of Mercury (II) Ions. <i>Arabian Journal for Science and Engineering</i> , ¹	2.5	0