

# Ishfaq Ahmad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11242997/publications.pdf>

Version: 2024-02-01

25  
papers

2,150  
citations

687363

13  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3440  
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient and pH-universal ruthenium-based catalyst for the hydrogen evolution reaction. Nature Nanotechnology, 2017, 12, 441-446.	31.5	1,271
2	Mechanochemically Assisted Synthesis of a Ru Catalyst for Hydrogen Evolution with Performance Superior to Pt in Both Acidic and Alkaline Media. Advanced Materials, 2018, 30, e1803676.	21.0	173
3	Balancing hydrogen adsorption/desorption by orbital modulation for efficient hydrogen evolution catalysis. Nature Communications, 2019, 10, 4060.	12.8	131
4	Macroporous Inverse Opal-like Mo <sub>x</sub> C with Incorporated Mo Vacancies for Significantly Enhanced Hydrogen Evolution. ACS Nano, 2017, 11, 7527-7533.	14.6	102
5	Encapsulating Iridium Nanoparticles Inside a 3D Cage-Like Organic Network as an Efficient and Durable Catalyst for the Hydrogen Evolution Reaction. Advanced Materials, 2018, 30, e1805606.	21.0	98
6	Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst. Small, 2017, 13, 1701167.	10.0	82
7	Identifying the structure of Zn-N <sub>2</sub> active sites and structural activation. Nature Communications, 2019, 10, 2623.	12.8	79
8	A Robust 3D Cage-Like Ultramicroporous Network Structure with High Gas Uptake Capacity. Angewandte Chemie - International Edition, 2018, 57, 3415-3420.	13.8	40
9	Two-dimensional amine and hydroxy functionalized fused aromatic covalent organic framework. Communications Chemistry, 2020, 3, .	4.5	40
10	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. Nano Energy, 2019, 56, 581-587.	16.0	35
11	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). Advanced Materials, 2018, 30, 1870330.	21.0	21
12	Unveiling the critical role of active site interaction in single atom catalyst towards hydrogen evolution catalysis. Nano Energy, 2022, 93, 106819.	16.0	19
13	Fused Aromatic Network with Exceptionally High Carrier Mobility. Advanced Materials, 2021, 33, e2004707.	21.0	16
14	Recent Progress in Porous Fused Aromatic Networks and Their Applications. Small Science, 2021, 1, 2000007.	9.9	14
15	A Robust 3D Cage-Like Ultramicroporous Network Structure with High Gas Uptake Capacity. Angewandte Chemie, 2018, 130, 3473-3478.	2.0	6
16	Scalable Synthesis of Tetrapodal Octaamine. European Journal of Organic Chemistry, 2019, 2019, 2335-2338.	2.4	4
17	Iron encased organic networks with enhanced lithium storage properties. Energy Storage, 2020, 2, e114.	4.3	4
18	Synthesis and Characterization of Functionalized Silver Nanoparticles for Selective Screening of Mercury (II) Ions. Arabian Journal for Science and Engineering, 2022, 47, 7135-7145.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Fused aromatic networks with the different spatial arrangement of structural units. Cell Reports Physical Science, 2021, 2, 100502.	5.6	3
20	3D Porous Fused Aromatic Networks for High Performance Gas and Iodine Uptakes. Advanced Materials Interfaces, 2021, 8, 2101373.	3.7	3
21	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.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.0	1
22	Synthesis of Saddle-Shape Octaaminotetraphenylene Octahydrochloride. Journal of Organic Chemistry, 2021, 86, 14398-14403.	3.2	2
23	Electrocatalysis: Porous Cobalt Phosphide Polyhedrons with Iron Doping as an Efficient Bifunctional Electrocatalyst (Small 40/2017). Small, 2017, 13, .	10.0	1
24	Fused Aromatic Network Structures: Fused Aromatic Network with Exceptionally High Carrier Mobility (Adv. Mater. 9/2021). Advanced Materials, 2021, 33, 2170063.	21.0	0
25	3D Porous Fused Aromatic Networks for High Performance Gas and Iodine Uptakes (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.7	0