

Muhammad Aslam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8471136/publications.pdf>

Version: 2024-02-01

12
papers

1,157
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in emerging two-dimensional materials and their applications. Journal of Materials Chemistry C, 2020, 8, 387-440.	5.5	501
2	Recent advances in two-dimensional materials and their nanocomposites in sustainable energy conversion applications. Nanoscale, 2019, 11, 21622-21678.	5.6	201
3	Going green with batteries and supercapacitor: Two dimensional materials and their nanocomposites based energy storage applications. Progress in Solid State Chemistry, 2020, 58, 100254.	7.2	87
4	Synthesis, properties and novel electrocatalytic applications of the 2D-borophene Xenes. Progress in Solid State Chemistry, 2020, 59, 100283.	7.2	65
5	A comprehensive review on synthesis of pristine and doped inorganic room temperature stable mayenite electride, $[Ca_{24}Al_{28}O_{64}]^{4+}(e^{-})_4$ and its applications as a catalyst. Progress in Solid State Chemistry, 2019, 54, 1-19.	7.2	63
6	Recent Progress, Challenges, and Prospects in Two-Dimensional Photo-Catalyst Materials and Environmental Remediation. Nano-Micro Letters, 2020, 12, 167.	27.0	57
7	Fe-doped mayenite electride composite with 2D reduced Graphene Oxide: As a non-platinum based, highly durable electrocatalyst for Oxygen Reduction Reaction. Scientific Reports, 2019, 9, 19809.	3.3	38
8	Sensing Applications of Atomically Thin Group IV Carbon Siblings Xenes: Progress, Challenges, and Prospects. Advanced Functional Materials, 2021, 31, 2005957.	14.9	37
9	Novel Two-Dimensional Carbon-Chromium Nitride-Based Composite as an Electrocatalyst for Oxygen Reduction Reaction. Frontiers in Chemistry, 2019, 7, 738.	3.6	34
10	Facile Synthesis of Mayenite Electride Nanoparticles Encapsulated in Graphitic Shells Like Carbon Nano Onions: Non-noble-metal Electrocatalysts for Oxygen Reduction Reaction (ORR). Frontiers in Chemistry, 2019, 7, 934.	3.6	27
11	Confinement in two-dimensional materials: Major advances and challenges in the emerging renewable energy conversion and other applications. Progress in Solid State Chemistry, 2021, 61, 100294.	7.2	24
12	Recent progress, challenges, and prospects in emerging group-VIA Xenes: synthesis, properties and novel applications. Nanoscale, 2021, 13, 510-552.	5.6	23