Kavita Kumar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10460052/publications.pdf

Version: 2024-02-01

10	1,058	1039406 9	1372195 10
papers	citations	h-index	g-index

10	10	10	1299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of durable and non-durable FeNx sites in Feâ€“Nâ€“C materials for proton exchange membrane fuel cells. Nature Catalysis, 2021, 4, 10-19.	16.1	368
2	On the Influence of Oxygen on the Degradation of Feâ€Nâ€C Catalysts. Angewandte Chemie - International Edition, 2020, 59, 3235-3243.	7.2	160
3	Effect of the Oxideâ€“Carbon Heterointerface on the Activity of Co₃O₄/NRGO Nanocomposites toward ORR and OER. Journal of Physical Chemistry C, 2016, 120, 7949-7958.	1.5	137
4	On the Influence of Oxygen on the Degradation of Feâ€Nâ€C Catalysts. Angewandte Chemie, 2020, 132, 3261-3269.	1.6	133
5	Physical and Chemical Considerations for Improving Catalytic Activity and Stability of Non-Precious-Metal Oxygen Reduction Reaction Catalysts. ACS Catalysis, 2018, 8, 11264-11276.	5.5	101
6	Oxygen reduction reaction mechanism and kinetics on M-NxCy and M@N-C active sites present in model M-N-C catalysts under alkaline and acidic conditions. Journal of Solid State Electrochemistry, 2021, 25, 45-56.	1.2	59
7	Feâ€“Nâ€“C Electrocatalystsâ€™ Durability: Effects of Single Atomsâ€™ Mobility and Clustering. ACS Catalysis, 2021, 11, 484-494.	5.5	53
8	Electrochemical transformation of Fe-N-C catalysts into iron oxides in alkaline medium and its impact on the oxygen reduction reaction activity. Applied Catalysis B: Environmental, 2022, 311, 121366.	10.8	22
9	Metal Loading Effect on the Activity of Co₃O₄/Nâ€Doped Reduced Graphene Oxide Nanocomposites as Bifunctional Oxygen Reduction/Evolution Catalysts. ChemElectroChem, 2018, 5, 483-493.	1.7	20
10	Preparation and Electrochemical Properties of NiCo₂O₄ Nanospinels Supported on Graphene Derivatives as Earthâ€Abundant Oxygen Bifunctional Catalysts. ChemPhysChem, 2018, 19, 319-326.	1.0	5