

# Keita Nomura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8055053/publications.pdf>

Version: 2024-02-01

13  
papers

550  
citations

840776

11  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

582  
citing authors

#	ARTICLE	IF	CITATIONS
1	4.4 V supercapacitors based on super-stable mesoporous carbon sheet made of edge-free graphene walls. <i>Energy and Environmental Science</i> , 2019, 12, 1542-1549.	30.8	154
2	Oxidation-Resistant and Elastic Mesoporous Carbon with Single-Layer Graphene Walls. <i>Advanced Functional Materials</i> , 2016, 26, 6418-6427.	14.9	102
3	Graphene-based ordered framework with a diverse range of carbon polygons formed in zeolite nanochannels. <i>Carbon</i> , 2018, 129, 854-862.	10.3	70
4	Force-driven reversible liquid-gas phase transition mediated by elastic nanosponges. <i>Nature Communications</i> , 2019, 10, 2559.	12.8	46
5	Synthesis of graphene mesosponge <i>via</i> catalytic methane decomposition on magnesium oxide. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14296-14308.	10.3	42
6	Formation mechanism of zeolite-templated carbons. <i>Tanso</i> , 2017, 2017, 169-174.	0.1	27
7	Effect of carbon surface on degradation of supercapacitors in a negative potential range. <i>Journal of Power Sources</i> , 2020, 457, 228042.	7.8	26
8	Quantifying Carbon Edge Sites on Depressing Hydrogen Evolution Reaction Activity. <i>Nano Letters</i> , 2020, 20, 5885-5892.	9.1	23
9	Nano-Confinement of Insulating Sulfur in the Cathode Composite of All-Solid-State Li-S Batteries Using Flexible Carbon Materials with Large Pore Volumes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38613-38622.	8.0	16
10	Quantitative analysis of the formation mechanism of tightly bound rubber by using carbon-coated alumina nanoparticles as a model filler. <i>Carbon</i> , 2021, 173, 870-879.	10.3	15
11	Elucidation of oxygen reduction reaction and nanostructure of platinum-loaded graphene mesosponge for polymer electrolyte fuel cell electrocatalyst. <i>Electrochimica Acta</i> , 2021, 370, 137705.	5.2	13
12	Edgeless porous carbon coating for durable and powerful lead-carbon batteries. <i>Carbon</i> , 2021, 185, 419-427.	10.3	12
13	Adsorption properties of templated nanoporous carbons comprising 1-2 graphene layers. , 2022, 1, 123-135.		4