

Atsushi Gabe

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

395
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Pinhole-free hole transport layers significantly improve the stability of MAPbI ₃ -based perovskite solar cells under operating conditions. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15451-15456.	10.3	122
2	Key factors improving oxygen reduction reaction activity in cobalt nanoparticles modified carbon nanotubes. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 303-312.	20.2	58
3	Modeling of oxygen reduction reaction in porous carbon materials in alkaline medium. Effect of microporosity. <i>Journal of Power Sources</i> , 2019, 412, 451-464.	7.8	56
4	Force-driven reversible liquid-gas phase transition mediated by elastic nanosponges. <i>Nature Communications</i> , 2019, 10, 2559.	12.8	46
5	Understanding of oxygen reduction reaction by examining carbon-oxygen gasification reaction and carbon active sites on metal and heteroatoms free carbon materials of different porosities and structures. <i>Carbon</i> , 2019, 148, 430-440.	10.3	28
6	Synthesis of conducting polymer/carbon material composites and their application in electrical energy storage. , 2017, , 173-209.		27
7	In-Depth Analysis of Key Factors Affecting the Catalysis of Oxidized Carbon Blacks for Cellulose Hydrolysis. <i>ACS Catalysis</i> , 2022, 12, 892-905.	11.2	19
8	High-density monolithic pellets of double-sided graphene fragments based on zeolite-templated carbon. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7503-7507.	10.3	17
9	Anchoring a Co/2-methylimidazole complex on ion-exchange resin and its transformation to Co/N-doped carbon as an electrocatalyst for the ORR. <i>Catalysis Science and Technology</i> , 2019, 9, 578-582.	4.1	12
10	Fabrication of Co/P25 coated with thin nitrogen-doped carbon shells (Co/P25/NC) as an efficient electrocatalyst for oxygen reduction reaction (ORR). <i>Electrochimica Acta</i> , 2019, 296, 867-873.	5.2	10