

Aiko Kurimoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/156295/publications.pdf>

Version: 2024-02-01

12
papers

368
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Electrocatalytic Hydrogenation with a Palladium Membrane Reactor. <i>Journal of the American Chemical Society</i> , 2019, 141, 7815-7821.	13.7	90
2	Electrolytic deuteration of unsaturated bonds without using D ₂ . <i>Nature Catalysis</i> , 2020, 3, 719-726.	34.4	71
3	Opto-Spintronics: Photoisomerization-Induced Spin State Switching at 300 K in Photochrome Cobalt-Dioxolene Thin Films. <i>Journal of the American Chemical Society</i> , 2018, 140, 14990-15000.	13.7	58
4	Visible light photoswitching of conjugated polymer nanoparticle fluorescence. <i>Chemical Communications</i> , 2016, 52, 4144-4147.	4.1	35
5	Hydrogenation without H ₂ Using a Palladium Membrane Flow Cell. <i>Cell Reports Physical Science</i> , 2020, 1, 100105.	5.6	28
6	Supported palladium membrane reactor architecture for electrocatalytic hydrogenation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26586-26595.	10.3	26
7	Quantification of the Effect of an External Magnetic Field on Water Oxidation with Cobalt Oxide Anodes. <i>Journal of the American Chemical Society</i> , 2022, 144, 733-739.	13.7	20
8	Physical Separation of H ₂ Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11937-11942.	13.8	18
9	Electrolysis Can Be Used to Resolve Hydrogenation Pathways at Palladium Surfaces in a Membrane Reactor. <i>JACS Au</i> , 2021, 1, 336-343.	7.9	11
10	Controlling Photoswitching via pcFRET in Conjugated Polymer Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22728-22737.	3.1	7
11	Ultrafast Spintronics: Dynamics of the Photoisomerization-Induced Spin-Charge Excited-State (PISCES) Mechanism in Spirooxazine-Based Photomagnetic Materials. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5351-5357.	4.6	4
12	Physical Separation of H ₂ Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 12044-12049.	2.0	0