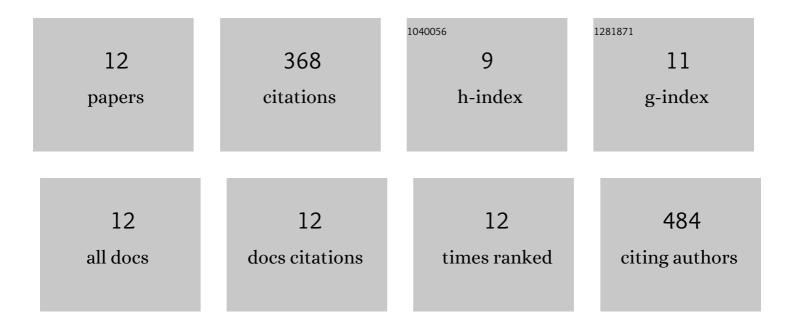
## Aiko Kurimoto

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/156295/publications.pdf Version: 2024-02-01



Δικό Κιιριμότο

#	Article	IF	CITATIONS
1	Efficient Electrocatalytic Hydrogenation with a Palladium Membrane Reactor. Journal of the American Chemical Society, 2019, 141, 7815-7821.	13.7	90
2	Electrolytic deuteration of unsaturated bonds without using D2. Nature Catalysis, 2020, 3, 719-726.	34.4	71
3	Opto-Spintronics: Photoisomerization-Induced Spin State Switching at 300 K in Photochrome Cobalt–Dioxolene Thin Films. Journal of the American Chemical Society, 2018, 140, 14990-15000.	13.7	58
4	Visible light photoswitching of conjugated polymer nanoparticle fluorescence. Chemical Communications, 2016, 52, 4144-4147.	4.1	35
5	Hydrogenation without H2 Using a Palladium Membrane Flow Cell. Cell Reports Physical Science, 2020, 1, 100105.	5.6	28
6	Supported palladium membrane reactor architecture for electrocatalytic hydrogenation. Journal of Materials Chemistry A, 2019, 7, 26586-26595.	10.3	26
7	Quantification of the Effect of an External Magnetic Field on Water Oxidation with Cobalt Oxide Anodes. Journal of the American Chemical Society, 2022, 144, 733-739.	13.7	20
8	Physical Separation of H <sub>2</sub> Activation from Hydrogenation Chemistry Reveals the Specific Role of Secondary Metal Catalysts. Angewandte Chemie - International Edition, 2021, 60, 11937-11942.	13.8	18
9	Electrolysis Can Be Used to Resolve Hydrogenation Pathways at Palladium Surfaces in a Membrane Reactor. Jacs Au, 2021, 1, 336-343.	7.9	11
10	Controlling Photoswitching via pcFRET in Conjugated Polymer Nanoparticles. Journal of Physical Chemistry C, 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. Journal of Physical Chemistry Letters, 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. Angewandte Chemie, 2021, 133, 12044-12049.	2.0	0