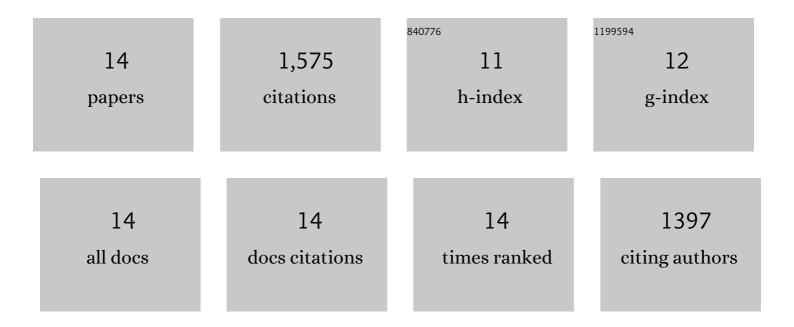
Arthur J Shih

List of Publications by Year in descending order

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Δρτημο Ι ζηιή

#	Article	IF	CITATIONS
1	Dynamic multinuclear sites formed by mobilized copper ions in NO <i> _x </i> selective catalytic reduction. Science, 2017, 357, 898-903.	12.6	667
2	Catalysis in a Cage: Condition-Dependent Speciation and Dynamics of Exchanged Cu Cations in SSZ-13 Zeolites. Journal of the American Chemical Society, 2016, 138, 6028-6048.	13.7	588
3	Consequences of exchange-site heterogeneity and dynamics on the UV-visible spectrum of Cu-exchanged SSZ-13. Chemical Science, 2019, 10, 2373-2384.	7.4	80
4	Structural and kinetic changes to small-pore Cu-zeolites after hydrothermal aging treatments and selective catalytic reduction of NO _x with ammonia. Reaction Chemistry and Engineering, 2017, 2, 168-179.	3.7	54
5	Spectroscopic and kinetic responses of Cu-SSZ-13 to SO2 exposure and implications for NOx selective catalytic reduction. Applied Catalysis A: General, 2019, 574, 122-131.	4.3	48
6	Effects of dioxygen pressure on rates of NOx selective catalytic reduction with NH3 on Cu-CHA zeolites. Journal of Catalysis, 2020, 389, 140-149.	6.2	44
7	Electrocatalysis under Cover: Enhanced Hydrogen Evolution via Defective Graphene-Covered Pt(111). ACS Catalysis, 2021, 11, 10892-10901.	11.2	20
8	Influence of ZCuOH, Z ₂ Cu, and Extraframework Cu <i>_x</i> O <i>_y</i> Species in Cu-SSZ-13 on N ₂ O Formation during the Selective Catalytic Reduction of NO <i>_x</i> with NH ₃ . ACS Catalysis, 2021, 11, 10362-10376.	11.2	18
9	Electrochemical Reduction of the Simplest Monosaccharides: Dihydroxyacetone and Glyceraldehyde. ACS Catalysis, 2020, 10, 13895-13903.	11.2	16
10	Electrifying membranes to deliver hydrogen. Science, 2022, 376, 348-349.	12.6	16
11	Consequences of product inhibition in the quantification of kinetic parameters. Journal of Catalysis, 2020, 389, 468-475.	6.2	15
12	SCR of Nitric Oxide by Hydrogen over Pd and Ir Based Catalysts with Different Supports. Catalysis Letters, 2015, 145, 1491-1499.	2.6	9
13	Electrocatalysis Under Cover: Enhanced Hydrogen Evolution Reaction (HER) Via Defective Graphene Covered Pt(111). ECS Meeting Abstracts, 2021, MA2021-01, 1208-1208.	0.0	0
14	Toward a Fundamental Understanding of Strain Generation and Strain Tuning for the Fuel Cell Applications. ECS Meeting Abstracts, 2022, MA2022-01, 1488-1488.	0.0	0