

Kurt M Van Allsburg

List of Publications by Year in descending order

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14
papers

367
citations

932766

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1125271

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14
docs citations

14
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Mine Water Use, Treatment, and Reuse in the United States: A Look at Current Industry Practices and Select Case Studies. ACS ES&T Engineering, 2022, 2, 391-408.	3.7	9
2	Zero Liquid Discharge and Water Reuse in Recirculating Cooling Towers at Power Facilities: Review and Case Study Analysis. ACS ES&T Engineering, 2022, 2, 508-525.	3.7	9
3	Early-stage evaluation of catalyst manufacturing cost and environmental impact using CatCost. Nature Catalysis, 2022, 5, 342-353.	16.1	13
4	Controlled Synthesis of Transition Metal Phosphide Nanoparticles to Establish Composition-Dependent Trends in Electrocatalytic Activity. Chemistry of Materials, 2022, 34, 6255-6267.	3.2	17
5	Techno-Economic Analysis of Recycled Ionic Liquid Solvent Used in a Model Colloidal Platinum Nanoparticle Synthesis. ACS Sustainable Chemistry and Engineering, 2021, 9, 246-253.	3.2	15
6	Energy Material Network Data Hubs. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.5	1
7	Toward net-zero sustainable aviation fuel with wet waste-derived volatile fatty acids. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	63
8	Atomic Layer Deposition with TiO ₂ for Enhanced Reactivity and Stability of Aromatic Hydrogenation Catalysts. ACS Catalysis, 2021, 11, 8538-8549.	5.5	24
9	Applying Dynamic Strain on Thin Oxide Films Immobilized on a Pseudoelastic Nickel-Titanium Alloy. Journal of Visualized Experiments, 2020, , .	0.2	0
10	Methanol to high-octane gasoline within a market-responsive biorefinery concept enabled by catalysis. Nature Catalysis, 2019, 2, 632-640.	16.1	33
11	Stabilization of reactive Co ₄ O ₄ cubane oxygen-evolution catalysts within porous frameworks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11630-11639.	3.3	41
12	Estimating Precommercial Heterogeneous Catalyst Price: A Simple Step-Based Method. Organic Process Research and Development, 2018, 22, 1599-1605.	1.3	31
13	Driving towards cost-competitive biofuels through catalytic fast pyrolysis by rethinking catalyst selection and reactor configuration. Energy and Environmental Science, 2018, 11, 2904-2918.	15.6	95
14	Oxygen-Atom Transfer Chemistry and Thermolytic Properties of a Di-tert-Butylphosphate-Ligated Mn ₄ O ₄ Cubane. Chemistry - A European Journal, 2015, 21, 4646-4654.	1.7	16