Jack K Pedersen

List of Publications by Year
in descending order

12	1,040	1040056 9	1199594 12
papers	citations	h-index	g-index

18	18	18	762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lattice distortion releasing local surface strain on high-entropy alloys. Nano Research, 2022, 15, 4775-4779.	10.4	16
2	Unravelling Compositionâ€“Activityâ€“Stability Trends in High Entropy Alloy Electrocatalysts by Using a Dataâ€Guided Combinatorial Synthesis Strategy and Computational Modeling. Advanced Energy Materials, 2022, 12, .	19.5	42
3	Rationally Tailoring Catalysts for the CO Oxidation Reaction by Using DFT Calculations. ACS Catalysis, 2022, 12, 116-125.	11.2	8
4	Breaking with the Principles of Coreduction to Form Stoichiometric Intermetallic PdCu Nanoparticles. Small Methods, 2022, 6, e2200420.	8.6	5
5	Surface electrocatalysis on high-entropy alloys. Current Opinion in Electrochemistry, 2021, 26, 100651.	4.8	52
6	Complexâ€Solidâ€Solution Electrocatalyst Discovery by Computational Prediction and Highâ€Throughput Experimentation**. Angewandte Chemie - International Edition, 2021, 60, 6932-6937.	13.8	86
7	Complexâ€Solidâ€Solution Electrocatalyst Discovery by Computational Prediction and Highâ€Throughput Experimentation**. Angewandte Chemie, 2021, 133, 7008-7013.	2.0	8
8	What Atomic Positions Determines Reactivity of a Surface? Longâ€Range, Directional Ligand Effects in Metallic Alloys. Advanced Science, 2021, 8, 2003357.	11.2	17
9	Bayesian Optimization of Highâ€Entropy Alloy Compositions for Electrocatalytic Oxygen Reduction**. Angewandte Chemie, 2021, 133, 24346-24354.	2.0	22
10	Bayesian Optimization of Highâ€Entropy Alloy Compositions for Electrocatalytic Oxygen Reduction**. Angewandte Chemie - International Edition, 2021, 60, 24144-24152.	13.8	61
11	High-Entropy Alloys as Catalysts for the CO₂ and CO Reduction Reactions. ACS Catalysis, 2020, 10, 2169-2176.	11.2	259
12	High-Entropy Alloys as a Discovery Platform for Electrocatalysis. Joule, 2019, 3, 834-845.	24.0	464