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List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

958
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas diffusion electrodes and membranes for CO ₂ reduction electrolyzers. Nature Reviews Materials, 2022, 7, 55-64.	48.7	265
2	A self-driving laboratory advances the Pareto front for material properties. Nature Communications, 2022, 13, 995.	12.8	55
3	Flexible automation accelerates materials discovery. Nature Materials, 2022, 21, 722-726.	27.5	33
4	Quantifying defects in thin films using machine vision. Npj Computational Materials, 2020, 6, .	8.7	18
5	Self-driving laboratory for accelerated discovery of thin-film materials. Science Advances, 2020, 6, eaaz8867.	10.3	306
6	Rhenium Complexes of Pyridyl-Mesoionic Carbenes: Photochemical Properties and Electrocatalytic CO ₂ Reduction. Inorganic Chemistry, 2020, 59, 4215-4227.	4.0	43
7	Rapid and Accurate Thin Film Thickness Extraction via UV-Vis and Machine Learning. , 2020, , .		2
8	Spectroscopic detection of halogen bonding resolves dye regeneration in the dye-sensitized solar cell. Nature Communications, 2017, 8, 1761.	12.8	35
9	Evidence for Interfacial Halogen Bonding. Angewandte Chemie - International Edition, 2016, 55, 5956-5960.	13.8	40
10	Halogen Bonding Promotes Higher Dye-Sensitized Solar Cell Photovoltages. Journal of the American Chemical Society, 2016, 138, 10406-10409.	13.7	65
11	Kinetic pathway for interfacial electron transfer from a semiconductor to a molecule. Nature Chemistry, 2016, 8, 853-859.	13.6	96