Saad Intikhab

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8028410/publications.pdf

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19	896	567281 15	794594 19
papers	citations	h-index	g-index

19	19	19	1096
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wâ€Based Atomic Laminates and Their 2D Derivative W_{1.33}C MXene with Vacancy Ordering. Advanced Materials, 2018, 30, e1706409.	21.0	240
2	â€œBeyond Adsorptionâ€•Descriptors in Hydrogen Electrocatalysis. ACS Catalysis, 2020, 10, 14747-14762.	11.2	95
3	Adsorbed Hydroxide Does Not Participate in the Volmer Step of Alkaline Hydrogen Electrocatalysis. ACS Catalysis, 2017, 7, 8314-8319.	11.2	92
4	Determining the Viability of Hydroxide-Mediated Bifunctional HER/HOR Mechanisms through Single-Crystal Voltammetry and Microkinetic Modeling. Journal of the Electrochemical Society, 2018, 165, J3209-J3221.	2.9	55
5	Stoichiometry and surface structure dependence of hydrogen evolution reaction activity and stability of MoxC MXenes. Journal of Catalysis, 2019, 371, 325-332.	6.2	51
6	Ionic Liquid Additives for the Mitigation of Nafion Specific Adsorption on Platinum. ACS Catalysis, 2020, 10, 7691-7698.	11.2	48
7	Computer aided chemical product design â€“ ProCAPD and tailor-made blended products. Computers and Chemical Engineering, 2018, 116, 37-55.	3.8	46
8	Kinetic Isotope Effects Quantify pH-Sensitive Water Dynamics at the Pt Electrode Interface. Journal of Physical Chemistry Letters, 2020, 11, 2308-2313.	4.6	43
9	Sequential Capacitive Deposition of Ionic Liquids for Conformal Thin Film Coatings on Oxygen Reduction Reaction Electrocatalysts. ACS Catalysis, 2019, 9, 9311-9316.	11.2	42
10	Nanoporous Iridium Nanosheets for Polymer Electrolyte Membrane Electrolysis. Advanced Energy Materials, 2021, 11, 2101438.	19.5	40
11	Exploiting dynamic water structure and structural sensitivity for nanoscale electrocatalyst design. Nano Energy, 2019, 64, 103963.	16.0	30
12	Designing a Surrogate Fuel for Gas-to-Liquid Derived Diesel. Energy & Fuels, 2017, 31, 11266-11279.	5.1	24
13	Caffeinated Interfaces Enhance Alkaline Hydrogen Electrocatalysis. ACS Catalysis, 2020, 10, 6798-6802.	11.2	20
14	Tuning the activity/stability balance of anion doped CoS Se2â^' dichalcogenides. Journal of Catalysis, 2018, 366, 50-60.	6.2	17
15	Nanoporous metals from thermal decomposition of transition metal dichalcogenides. Acta Materialia, 2020, 184, 79-85.	7.9	17
16	Nanoporous multimetallic Ir alloys as efficient and stable electrocatalysts for acidic oxygen evolution reactions. Journal of Catalysis, 2021, 393, 303-312.	6.2	17
17	Integration of computational modeling and experimental techniques to design fuel surrogates. Journal of Natural Gas Science and Engineering, 2018, 55, 585-594.	4.4	9
18	On the relationship between potential of zero charge and solvent dynamics in the reversible hydrogen electrode. Journal of Catalysis, 2021, 398, 161-170.	6.2	7

#	Article	IF	Citations
19	Electrocatalytic oxygen evolution reaction (OER) on mixed nanoporous RuIr borides. Journal of Applied Electrochemistry, 2021, 51, 1101-1108.	2.9	3