Ismail-Can OÄuz

List of Publications by Year
in descending order

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		1477746	1473754
11	704	6	9
papers	citations	h-index	g-index

11	11	11	1045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of durable and non-durable FeNx sites in Feâ€“Nâ€“C materials for proton exchange membrane fuel cells. Nature Catalysis, 2021, 4, 10-19.	16.1	368
2	Assessing the performances of different continuum solvation models for the calculation of hydration energies of molecules, polymers and surfaces: a comparison between the SMD, VASPsol and FDPB models. Theoretical Chemistry Accounts, 2021, 140, 1.	0.5	13
3	Generalizing Continuum Solvation in Crystal to Nonaqueous Solvents: Implementation, Parametrization, and Application to Molecules and Surfaces. Journal of Chemical Theory and Computation, 2021, 17, 6432-6448.	2.3	2
4	P-block single-metal-site tin/nitrogen-doped carbon fuel cell cathode catalyst for oxygen reduction reaction. Nature Materials, 2020, 19, 1215-1223.	13.3	278
5	Predicting the Activity of Nano-Transition-Metal DeNox Catalysts. Journal of Physical Chemistry C, 2019, 123, 20314-20318.	1.5	11
6	Theoretical Prediction of the Distribution of Spin Moment on Metal-N-C Catalyst Embedded in Truncated Graphene Sheets. ECS Meeting Abstracts, 2019, , .	0.0	0
7	Can Density Functional Theory Predict MÃ¶ssbauer Spectra in Pyrolyzed Fe-N-C Catalysts?. ECS Meeting Abstracts, 2019, , .	0.0	0
8	The effect of Pd ensemble structure on the O2 dissociation and CO oxidation mechanisms on Auâ€”Pd(100) surface alloys. Journal of Chemical Physics, 2018, 148, 024701.	1.2	15
9	Equilibrium Auâ€“Pd(100) Surface Structures under CO Pressure: Energetic Stabilities and Phase Diagrams. Journal of Physical Chemistry C, 2018, 122, 18922-18932.	1.5	2
10	On the structural and electronic properties of Ir-silicide nanowires on Si(001) surface. Journal of Applied Physics, 2016, 120, .	1.1	8
11	Investigation of finite-size effects in chemical bonding of AuPd nanoalloys. Journal of Chemical Physics, 2015, 143, 144309.	1.2	7