

Ismail-Can OÄuz

List of Publications by Year in descending order

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11
papers

704
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of durable and non-durable FeNx sites in Fe-N-C materials for proton exchange membrane fuel cells. <i>Nature Catalysis</i> , 2021, 4, 10-19.	34.4	368
2	P-block single-metal-site tin/nitrogen-doped carbon fuel cell cathode catalyst for oxygen reduction reaction. <i>Nature Materials</i> , 2020, 19, 1215-1223.	27.5	278
3	The effect of Pd ensemble structure on the O ₂ dissociation and CO oxidation mechanisms on Au-Pd(100) surface alloys. <i>Journal of Chemical Physics</i> , 2018, 148, 024701.	3.0	15
4	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. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	1.4	13
5	Predicting the Activity of Nano-Transition-Metal DeNox Catalysts. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20314-20318.	3.1	11
6	On the structural and electronic properties of Ir-silicide nanowires on Si(001) surface. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	8
7	Investigation of finite-size effects in chemical bonding of AuPd nanoalloys. <i>Journal of Chemical Physics</i> , 2015, 143, 144309.	3.0	7
8	Equilibrium Au-Pd(100) Surface Structures under CO Pressure: Energetic Stabilities and Phase Diagrams. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18922-18932.	3.1	2
9	Generalizing Continuum Solvation in Crystal to Nonaqueous Solvents: Implementation, Parametrization, and Application to Molecules and Surfaces. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6432-6448.	5.3	2
10	Theoretical Prediction of the Distribution of Spin Moment on Metal-N-C Catalyst Embedded in Truncated Graphene Sheets. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
11	Can Density Functional Theory Predict Mössbauer Spectra in Pyrolyzed Fe-N-C Catalysts?. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0