

Aslihan Sumer

List of Publications by Year in descending order

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1307594

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629
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#	ARTICLE	IF	CITATIONS
1	Computational studies of structural, energetic, and electronic properties of pure Pt and Mo and mixed Pt/Mo clusters: Comparative analysis of characteristics and trends. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	3
2	Molybdenum Oxide Clusters: Structure, Stability, and Electronic Properties. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5201-5211.	2.5	6
3	Effects of composition on catalytic activities of molybdenum doped platinum nanoparticles. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1016-1030.	1.2	0
4	A First Principles Investigation of Corrosion Chemistry of Common Elemental Impurities in Mg-Al Alloys. <i>Corrosion</i> , 2017, 73, 596-604.	1.1	16
5	Opening gates to oxygen reduction reactions on Cu(111) surface. <i>Journal of Chemical Physics</i> , 2015, 142, 124703.	3.0	2
6	Morphology Tailoring of Pt Nanocatalysts for the Oxygen Reduction Reaction: The Paradigm of Pt ₁₃ . <i>ChemNanoMat</i> , 2015, 1, 482-488.	2.8	10
7	Nanoscale Electrochemical Processes On Cu(111) Surface Using Periodic DFT and Quantum/Classical Simulations. <i>ECS Transactions</i> , 2014, 58, 1-7.	0.5	0
8	Aqueous Phase Glycerol Reforming with Pt and PtMo Bimetallic Nanoparticle Catalysts: The Role of the Mo Promoter. <i>Topics in Catalysis</i> , 2013, 56, 1814-1828.	2.8	32
9	Investigation of Localized Corrosion and the Role of Transport in Lightweight Alloys Using Microkinetic Models With First-Principles Link. <i>ECS Meeting Abstracts</i> , 2013, , .	0.0	0
10	A simultaneous 2D/3D autostereo workstation. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
11	Effect of Platinum Incorporation on the Energetics and Oxygen Chemisorption Properties of the Ni(100) Surface. <i>ChemCatChem</i> , 2012, 4, 2005-2012.	3.7	4
12	Capping Ligands as Selectivity Switchers in Hydrogenation Reactions. <i>Nano Letters</i> , 2012, 12, 5382-5388.	9.1	146
13	Aqueous Phase Glycerol Reforming by PtMo Bimetallic Nano-Particle Catalyst: Product Selectivity and Structural Characterization. <i>Topics in Catalysis</i> , 2012, 55, 53-69.	2.8	62
14	Adsorption-Induced Surface Electronic Reconstruction of Pt and Pt ^δ Sn Alloys during CO Adsorption. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14329-14334.	3.1	7
15	CO and O coadsorption on Pt ₃ Sn studied by DFT: Changes in the adsorptive properties of the surface with alloying and coverage. <i>Surface Science</i> , 2008, 602, 1636-1642.	1.9	18
16	A theoretical investigation on Pt ₃ Sn(102) surface alloy and CO [*] Pt ₃ Sn(102) system. <i>Surface Science</i> , 2006, 600, 2026-2039.	1.9	8
17	Adsorption properties of CO on low-index Pt ₃ Sn surfaces. <i>Surface Science</i> , 2006, 600, 4909-4921.	1.9	19