Seenivasan Hariharan

List of Publications by Year
in descending order

18	448	759233 12	839539 18
papers	citations	h-index	g-index

18	18	18	467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential Energy Landscape of CO Adsorbates on NaCl(100) and Implications in Isomerization of Vibrationally Excited CO. Journal of Physical Chemistry C, 2020, 124, 19146-19156.	3.1	12
2	Ptâ€“Ni Subsurface Alloy Catalysts: An Improved Performance toward CH₄ Dissociation. Journal of Physical Chemistry C, 2018, 122, 10857-10870.	3.1	37
3	Exploratory Direct Dynamics Simulations of ³O₂ Reaction with Graphene at High Temperatures. Journal of Physical Chemistry C, 2018, 122, 29368-29379.	3.1	13
4	Effect of P codeposition on the structure and microhardness of Coâ€“W coatings electrodeposited from gluconate bath. Surface and Interface Analysis, 2017, 49, 554-569.	1.8	3
5	Water dissociation on Ni(100), Ni(110), and Ni(111) surfaces: Reaction path approach to mode selectivity. Journal of Chemical Physics, 2017, 146, 074705.	3.0	28
6	Water Adsorption and Dissociation on Copper/Nickel Bimetallic Surface Alloys: Effect of Surface Temperature on Reactivity. Journal of Physical Chemistry C, 2017, 121, 16351-16365.	3.1	58
7	Enhancing methane dissociation with nickel nanoclusters. Computational and Theoretical Chemistry, 2015, 1064, 7-14.	2.5	8
8	Water adsorption and dissociation on Ni(110): How is it different from its close packed counterparts?. Journal of Chemical Physics, 2014, 140, 174704.	3.0	21
9	Characterization and corrosion behavior of Co and Coâ€“P coatings electrodeposited from chloride bath. RSC Advances, 2014, 4, 46293-46304.	3.6	28
10	XPS Characterization and Microhardness of Heat Treated Coâ€“W Coatings Electrodeposited with Gluconate Bath. Advanced Science Focus, 2013, 1, 262-268.	0.1	9
11	STUDIES ON SURFACE STRUCTURE, MORPHOLOGY AND COMPOSITION OF Coâ€“W COATINGS ELECTRODEPOSITED WITH DIRECT AND PULSE CURRENT USING GLUCONATE BATH. Surface Review and Letters, 2013, 20, 1350006.	1.1	9
12	Characterization and microhardness of Coâ€™W coatings electrodeposited at different pH using gluconate bath: A comparative study. Surface and Interface Analysis, 2013, 45, 1026-1036.	1.8	18
13	CHARACTERIZATION AND HARDNESS OF Coâ€“P COATINGS OBTAINED FROM DIRECT CURRENT ELECTRODEPOSITION USING GLUCONATE BATH. Surface Review and Letters, 2013, 20, 1350049.	1.1	11
14	Water dissociation on Ni(100) and Ni(111): Effect of surface temperature on reactivity. Journal of Chemical Physics, 2013, 139, 174707.	3.0	40
15	Water dissociation on Cu (111): Effects of molecular orientation, rotation, and vibration on reactivity. Journal of Chemical Physics, 2012, 137, 094708.	3.0	29
16	Characterization of amorphous Coâ€“P alloy coatings electrodeposited with pulse current using gluconate bath. Applied Surface Science, 2012, 258, 9544-9553.	6.1	42
17	XRD, FESEM and XPS studies on heat treated Coâ€“W electrodeposits. Materials Letters, 2012, 76, 103-105.	2.6	34
18	Electrochemical corrosion behavior of pulse and DC electrodeposited Coâ€“P coatings. Surface and Coatings Technology, 2012, 206, 2199-2206.	4.8	48