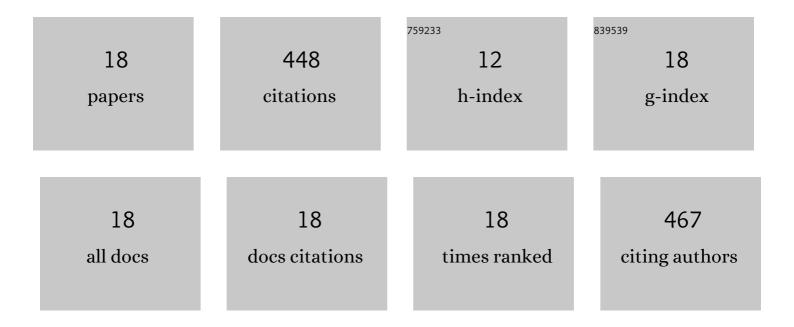
## Seenivasan Hariharan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Electrochemical corrosion behavior of pulse and DC electrodeposited Co–P coatings. Surface and Coatings Technology, 2012, 206, 2199-2206.	4.8	48
3	Characterization of amorphous Co–P alloy coatings electrodeposited with pulse current using gluconate bath. Applied Surface Science, 2012, 258, 9544-9553.	6.1	42
4	Water dissociation on Ni(100) and Ni(111): Effect of surface temperature on reactivity. Journal of Chemical Physics, 2013, 139, 174707.	3.0	40
5	Pt–Ni Subsurface Alloy Catalysts: An Improved Performance toward CH <sub>4</sub> Dissociation. Journal of Physical Chemistry C, 2018, 122, 10857-10870.	3.1	37
6	XRD, FESEM and XPS studies on heat treated Co–W electrodeposits. Materials Letters, 2012, 76, 103-105.	2.6	34
7	Water dissociation on Cu (111): Effects of molecular orientation, rotation, and vibration on reactivity. Journal of Chemical Physics, 2012, 137, 094708.	3.0	29
8	Characterization and corrosion behavior of Co and Co–P coatings electrodeposited from chloride bath. RSC Advances, 2014, 4, 46293-46304.	3.6	28
9	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
10	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
11	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
12	Exploratory Direct Dynamics Simulations of <sup>3</sup> O <sub>2</sub> Reaction with Graphene at High Temperatures. Journal of Physical Chemistry C, 2018, 122, 29368-29379.	3.1	13
13	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
14	CHARACTERIZATION AND HARDNESS OF Co–P COATINGS OBTAINED FROM DIRECT CURRENT ELECTRODEPOSITION USING GLUCONATE BATH. Surface Review and Letters, 2013, 20, 1350049.	1.1	11
15	XPS Characterization and Microhardness of Heat Treated Co–W Coatings Electrodeposited with Gluconate Bath. Advanced Science Focus, 2013, 1, 262-268.	0.1	9
16	STUDIES ON SURFACE STRUCTURE, MORPHOLOGY AND COMPOSITION OF <font>Co–W</font> COATINGS ELECTRODEPOSITED WITH DIRECT AND PULSE CURRENT USING GLUCONATE BATH. Surface Review and Letters, 2013, 20, 1350006.	1.1	9
17	Enhancing methane dissociation with nickel nanoclusters. Computational and Theoretical Chemistry, 2015, 1064, 7-14.	2.5	8
18	Effect of P codeposition on the structure and microhardness of Co–W coatings electrodeposited from gluconate bath. Surface and Interface Analysis, 2017, 49, 554-569.	1.8	3