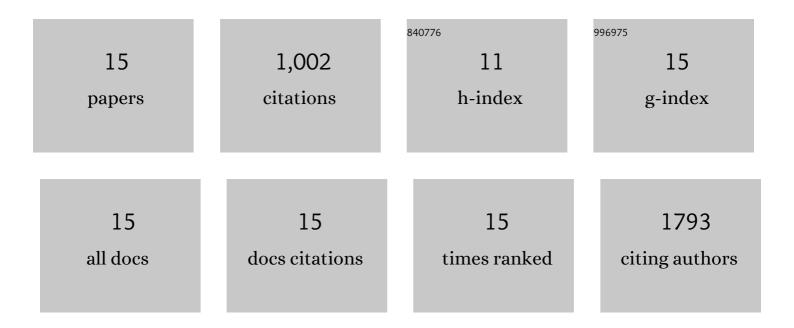
Selva Chandrasekaran Selvaraj

List of Publications by Year in descending order

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Selva Chandrasekaran

#	Article	IF	CITATIONS
1	Passivation mechanism in CdTe solar cells: The hybrid role of Se. Applied Physics Letters, 2021, 119, .	3.3	12
2	Pt-like hydrogen evolution on a V ₂ O ₅ /Ni(OH) ₂ electrocatalyst. Journal of Materials Chemistry A, 2019, 7, 15794-15800.	10.3	31
3	Highâ€Performance Hydrogen Evolution by Ru Single Atoms and Nitridedâ€Ru Nanoparticles Implanted on Nâ€Doped Graphitic Sheet. Advanced Energy Materials, 2019, 9, 1900931.	19.5	224
4	Structure-magnetic property relations in FeNbO4 polymorphs: A spin glass perspective. Progress in Solid State Chemistry, 2019, 54, 20-30.	7.2	15
5	Understanding the enhanced electrical properties of free-standing graphene paper: the synergistic effect of iodide adsorption into graphene. RSC Advances, 2019, 9, 33781-33788.	3.6	2
6	Real-time decay of fluorinated fullerene molecules on Cu(001) surface controlled by initial coverage. Nano Research, 2018, 11, 2069-2082.	10.4	13
7	Multicomponent electrocatalyst with ultralow Pt loading and high hydrogen evolution activity. Nature Energy, 2018, 3, 773-782.	39.5	542
8	Effect of Ablation Rate on the Microstructure and Electrochromic Properties of Pulsed-Laser-Deposited Molybdenum Oxide Thin Films. Langmuir, 2017, 33, 19-33.	3.5	35
9	Effects of impurity adsorption on topological surface states of Bi 2 Te 3. Europhysics Letters, 2017, 119, 47001.	2.0	3
10	Growth Mechanism of Pine-leaf-like Nanostructure from the Backbone of SrCO ₃ Nanorods using LaMer's Surface Diffusion: Impact of Higher Surface Energy (Î ³ = 38.9) Tj ETQqO 0 0 rgBT /Ov Calculations. Crystal Growth and Design, 2017, 17, 6394-6406.	verlock 10	Tf ₅ 50 382 Td
11	Excitation-dependent local symmetry reversal in single host lattice Ba ₂ A(BO ₃) ₂ :Eu ³⁺ [A = Mg and Ca] phosphors with tunable emission colours. Physical Chemistry Chemical Physics, 2017, 19, 17383-17395.	2.8	11
12	Diverse Spectroscopic Studies and First-Principles Investigations of the Zinc Vacancy Mediated Ferromagnetism in Mn-Doped ZnO Nanoparticles. Crystal Growth and Design, 2016, 16, 3656-3668.	3.0	38
13	A comparative study on electrochemical cycling stability of lithium rich layered cathode materials Li 1.2 Ni 0.13 M 0.13 Mn 0.54 O 2 where MA=ÂFe or Co. Journal of Power Sources, 2016, 324, 462-474.	7.8	59
14	Magnetic, thermodynamic and transport properties of novel non-centrosymmetric RCoSi3 (R=Pr, Nd) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf

¹⁵ Effect of adatom deposition on surface magnetism and exchange coupling parameter in (0001) SmCo5 slabs. Journal of Applied Physics, 2015, 117, 133902. 2.5 1