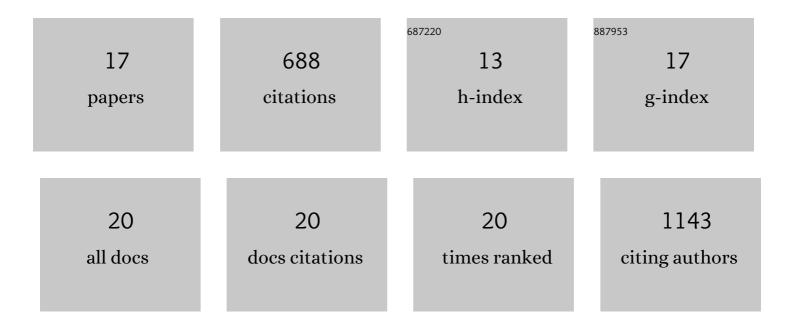
Sourav Laha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4576013/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Ruthenium Oxide Nanosheets for Enhanced Oxygen Evolution Catalysis in Acidic Medium. Advanced Energy Materials, 2019, 9, 1803795.	10.2	147
2	Bottom-up Formation of Carbon-Based Structures with Multilevel Hierarchy from MOF–Guest Polyhedra. Journal of the American Chemical Society, 2018, 140, 6130-6136.	6.6	87
3	Green colored nano-pigments derived from Y2BaCuO5: NIR reflective coatings. Dyes and Pigments, 2014, 107, 118-126.	2.0	80
4	IrOOH nanosheets as acid stable electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 21558-21566.	5.2	72
5	YIn0.9Mn0.1O3–ZnO nano-pigment exhibiting intense blue color withÂimpressive solar reflectance. Dyes and Pigments, 2016, 124, 120-129.	2.0	54
6	Proximate ferromagnetic state in the Kitaev model material α-RuCl3. Nature Communications, 2021, 12, 4512.	5.8	47
7	Ba3(P1 ⴒ x Mn x O4)2 : Blue/green inorganic materials based on tetrahedral Mn(V). Bulletin of Materials Science, 2011, 34, 1257-1262.	⁵ 0.8	28
8	Stabilization of a Tetrahedral (Mn ⁵⁺ O ₄) Chromophore in Ternary Barium Oxides as a Strategy toward Development of New Turquoise/Green-Colored Pigments. Inorganic Chemistry, 2016, 55, 3508-3514.	1.9	26
9	Exploring the Colour of 3d Transitionâ€Metal Ions in Trigonal BipyÂramidal Coordination: Identification of Purpleâ€Blue (CoO ₅) and Beigeâ€Red (NiO ₅) Chromophores in LiMgBO ₃ Host. European Journal of Inorganic Chemistry, 2016, 2016, 288-293.	1.0	23
10	Li3MRuO5 (M = Co, Ni), new lithium-rich layered oxides related to LiCoO2: promising electrochemical performance for possible application as cathode materials in lithium ion batteries. Journal of Materials Chemistry A, 2013, 1, 10686.	5.2	22
11	Oxygen-participated electrochemistry of new lithium-rich layered oxides Li ₃ MRuO ₅ (M = Mn, Fe). Physical Chemistry Chemical Physics, 2015, 17, 3749-3760.	1.3	22
12	Li ₂ MnO ₃ : a rare red-coloured manganese(<scp>iv</scp>) oxide exhibiting tunable red–yellow–green emission. Journal of Materials Chemistry C, 2015, 3, 4794-4800.	2.7	21
13	Toward Standardized Photocatalytic Oxygen Evolution Rates Using RuO2@TiO2 as a Benchmark. Matter, 2020, 3, 464-486.	5.0	21
14	Color Tuning in Garnet Oxides: The Role of Tetrahedral Coordination Geometry for 3 d Metal Ions and Ligand–Metal Charge Transfer (Bandâ€Gap Manipulation). Chemistry - an Asian Journal, 2017, 12, 2734-2743.	1.7	14
15	New rock salt-related oxides Li3M2RuO6 (M=Co, Ni): Synthesis, structure, magnetism and electrochemistry. Journal of Solid State Chemistry, 2013, 203, 160-165.	1.4	13
16	Unique Colours of 3dâ€Transitionâ€Metalâ€Substituted Lyonsite Molybdates and Their Derivatives: The Role of Multiple Coordination Geometries and Metalâ€toâ€Metal Charge Transfer. European Journal of Inorganic Chemistry, 2016, 2016, 3883-3891.	1.0	8
17	Magnetic frustration in partially ordered double perovskites Ln3Ni2RuO9 (LnÂ= La, Nd). Journal of Alloys and Compounds, 2019, 806, 1509-1516.	2.8	3
			_