

Sourav Laha

List of Publications by Year in descending order

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1143
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#	ARTICLE	IF	CITATIONS
1	Ruthenium Oxide Nanosheets for Enhanced Oxygen Evolution Catalysis in Acidic Medium. <i>Advanced Energy Materials</i> , 2019, 9, 1803795.	10.2	147
2	Bottom-up Formation of Carbon-Based Structures with Multilevel Hierarchy from MOF-Guest Polyhedra. <i>Journal of the American Chemical Society</i> , 2018, 140, 6130-6136.	6.6	87
3	Green colored nano-pigments derived from Y ₂ BaCuO ₅ : NIR reflective coatings. <i>Dyes and Pigments</i> , 2014, 107, 118-126.	2.0	80
4	IrOOH nanosheets as acid stable electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21558-21566.	5.2	72
5	YIn _{0.9} Mn _{0.1} O ₃ ZnO nano-pigment exhibiting intense blue color with impressive solar reflectance. <i>Dyes and Pigments</i> , 2016, 124, 120-129.	2.0	54
6	Proximate ferromagnetic state in the Kitaev model material $\hat{I}\pm$ -RuCl ₃ . <i>Nature Communications</i> , 2021, 12, 4512.	5.8	47
7	Ba ₃ (P _{1-x} Mn _x O ₄) ₂ : Blue/green inorganic materials based on tetrahedral Mn(V). <i>Bulletin of Materials Science</i> , 2011, 34, 1257-1262.	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. <i>Inorganic Chemistry</i> , 2016, 55, 3508-3514.	1.9	26
9	Exploring the Colour of 3d Transition-Metal Ions in Trigonal Bipyramidal Coordination: Identification of Purple-Blue (CoO ₅) and Beige-Red (NiO ₅) Chromophores in LiMgBO ₃ Host. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 288-293.	1.0	23
10	Li ₃ MRuO ₅ (M = Co, Ni), new lithium-rich layered oxides related to LiCoO ₂ : promising electrochemical performance for possible application as cathode materials in lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10686.	5.2	22
11	Oxygen-participated electrochemistry of new lithium-rich layered oxides Li ₃ MRuO ₅ (M = Mn, Fe). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3749-3760.	1.3	22
12	Li ₂ MnO ₃ : a rare red-coloured manganese(IV) oxide exhibiting tunable red-yellow-green emission. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4794-4800.	2.7	21
13	Toward Standardized Photocatalytic Oxygen Evolution Rates Using RuO ₂ @TiO ₂ as a Benchmark. <i>Matter</i> , 2020, 3, 464-486.	5.0	21
14	Color Tuning in Garnet Oxides: The Role of Tetrahedral Coordination Geometry for 3d Metal Ions and Ligand-Metal Charge Transfer (Band-Gap Manipulation). <i>Chemistry - an Asian Journal</i> , 2017, 12, 2734-2743.	1.7	14
15	New rock salt-related oxides Li ₃ M ₂ RuO ₆ (M=Co, Ni): Synthesis, structure, magnetism and electrochemistry. <i>Journal of Solid State Chemistry</i> , 2013, 203, 160-165.	1.4	13
16	Unique Colours of 3d-Transition-Metal-Substituted Lyonsite Molybdates and Their Derivatives: The Role of Multiple Coordination Geometries and Metal-Metal Charge Transfer. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3883-3891.	1.0	8
17	Magnetic frustration in partially ordered double perovskites Ln ₃ Ni ₂ RuO ₉ (Ln= La, Nd). <i>Journal of Alloys and Compounds</i> , 2019, 806, 1509-1516.	2.8	3