

Sourav Laha

List of Publications by Year in descending order

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papers

688
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686830

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times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Proximate ferromagnetic state in the Kitaev model material $\hat{\text{I}}\pm\text{-RuCl}_3$. Nature Communications, 2021, 12, 4512.	5.8	47
2	Toward Standardized Photocatalytic Oxygen Evolution Rates Using $\text{RuO}_2@\text{TiO}_2$ as a Benchmark. Matter, 2020, 3, 464-486.	5.0	21
3	Magnetic frustration in partially ordered double perovskites $\text{Ln}_3\text{Ni}_2\text{RuO}_9$ ($\text{Ln} = \text{La}, \text{Nd}$). Journal of Alloys and Compounds, 2019, 806, 1509-1516.	2.8	3
4	Ruthenium Oxide Nanosheets for Enhanced Oxygen Evolution Catalysis in Acidic Medium. Advanced Energy Materials, 2019, 9, 1803795.	10.2	147
5	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
6	IrOOH nanosheets as acid stable electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 21558-21566.	5.2	72
7	Color Tuning in Garnet Oxides: The Role of Tetrahedral Coordination Geometry for 3d Metal Ions and Ligand-Metal Charge Transfer (Band-Gap Manipulation). Chemistry - an Asian Journal, 2017, 12, 2734-2743.	1.7	14
8	Unique Colours of 3d Transition-Metal-Substituted Lyonsite Molybdates and Their Derivatives: The Role of Multiple Coordination Geometries and Metal-Metal Charge Transfer. European Journal of Inorganic Chemistry, 2016, 2016, 3883-3891.	1.0	8
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. European Journal of Inorganic Chemistry, 2016, 2016, 288-293.	1.0	23
10	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
11	$\text{YIn}_0.9\text{Mn}_0.1\text{O}_3$ -ZnO nano-pigment exhibiting intense blue color with impressive solar reflectance. Dyes and Pigments, 2016, 124, 120-129.	2.0	54
12	Li_2MnO_3 : a rare red-coloured manganese (Mn^{4+}) oxide exhibiting tunable red-yellow-green emission. Journal of Materials Chemistry C, 2015, 3, 4794-4800.	2.7	21
13	Oxygen-participated electrochemistry of new lithium-rich layered oxides Li_3MRuO_5 ($\text{M} = \text{Mn}, \text{Fe}$). Physical Chemistry Chemical Physics, 2015, 17, 3749-3760.	1.3	22
14	Green colored nano-pigments derived from Y_2BaCuO_5 : NIR reflective coatings. Dyes and Pigments, 2014, 107, 118-126.	2.0	80
15	New rock salt-related oxides $\text{Li}_3\text{M}_2\text{RuO}_6$ ($\text{M} = \text{Co}, \text{Ni}$): Synthesis, structure, magnetism and electrochemistry. Journal of Solid State Chemistry, 2013, 203, 160-165.	1.4	13
16	Li_3MRuO_5 ($\text{M} = \text{Co}, \text{Ni}$), new lithium-rich layered oxides related to LiCoO_2 : promising electrochemical performance for possible application as cathode materials in lithium ion batteries. Journal of Materials Chemistry A, 2013, 1, 10686.	5.2	22
17	$\text{Ba}_3(\text{P}_1\text{-}^{\text{ox}}\text{Mn}_x\text{O}_4)_2$: Blue/green inorganic materials based on tetrahedral $\text{Mn}(\text{V})$. Bulletin of Materials Science, 2011, 34, 1257-1262.	0.8	28