

Bertold Rasche

List of Publications by Year in descending order

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33
papers

699
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759233

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times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenous Acid in an Aromatic Framework: Insights Into a Temperature-Sensitive Internal Redox System from the Solid State. <i>Inorganic Chemistry</i> , 2022, 61, 3641-3648.	4.0	0

2

#	ARTICLE	IF	CITATIONS
19	Correlation between topological band character and chemical bonding in a Bi ₁₄ Rh ₃ I ₉ -based family of insulators. <i>Scientific Reports</i> , 2016, 6, 20645.	3.3	9
20	Electronic Structure of the Dark Surface of the Weak Topological Insulator Bi ₁₄ Rh ₃ I ₉ . <i>ACS Nano</i> , 2016, 10, 3995-4003.	14.6	22
21	New Environment for a Two-Dimensional Topological Insulator with Hexagonal Channels Hosting Diiodido-bismuthate(I) Anions in a Singlet State. <i>Chemistry of Materials</i> , 2016, 28, 665-672.	6.7	10
22	Mixed-Valent Selenium Ligands in the Uncharged Iridium Complexes [Ir ₄ Se ₁₀ Br ₁₆] and [Ir ₆ Se ₈ Cl ₃₀]. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4343-4347.	2.0	1
23	The Bismuth Subiodides Bi ₈ Pt ₅ I ₃ and Bi ₁₆ Pt ₁₁ I ₆ – Layered Metals with Covalent Platinum Networks. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1444-1452.	1.2	5
24	Subnanometre-wide electron channels protected by topology. <i>Nature Physics</i> , 2015, 11, 338-343.	16.7	114
25	Low-temperature Topochemical Transformation of Bi ₁₃ Pt ₃ I ₇ into the New Layered Honeycomb Metal Bi ₁₂ Pt ₃ I ₅ . <i>Chemistry - A European Journal</i> , 2014, 20, 17152-17160.	3.3	11
26	A Metallic Room-temperature Oxide Ion Conductor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7344-7348.	13.8	14
27	The Topochemical Pseudomorphosis of a Chloride into a Bismuthide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3254-3258.	13.8	15
28	Stacked topological insulator built from bismuth-based graphene sheet analogues. <i>Nature Materials</i> , 2013, 12, 422-425.	27.5	177
29	Scaleable ultra-thin and high power density graphene electrochemical capacitor electrodes manufactured by aqueous exfoliation and spray deposition. <i>Carbon</i> , 2013, 52, 337-346.	10.3	47
30	Bismuth-based candidates for topological insulators: Chemistry beyond Bi ₂ Te ₃ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 39-49.	2.4	39
31	Crystal Growth and Real Structure Effects of the First Weak 3D Stacked Topological Insulator Bi ₁₄ Rh ₃ I ₉ . <i>Chemistry of Materials</i> , 2013, 25, 2359-2364.	6.7	30
32	Stability and Electronic Properties of Bismuth Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 22092-22097.	3.1	31
33	Ceria-Spiderweb Nanosheets Unlock the Energy-Storage Properties in the “Sleeping”-Triplite (Mn ₂ (PO ₄)F). <i>ACS Applied Energy Materials</i> , 0, , .	5.1	2