

Erik Svensson Grape

List of Publications by Year in descending order

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36
papers

793
citations

516710

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526287

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38
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38
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38
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Approach to Macrocyclic Carbonates with Fast Polymerization Rates and Their Polymer-to-Monomer Regeneration. <i>Macromolecules</i> , 2022, 55, 608-614.	4.8	28
2	Synthesis, crystal structure, and topology of a polycatenated bismuth coordination polymer. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2022, 77, 231-236.	0.7	2
3	Solvent Dependency in Stereoselective γ -Lactam Formation of Chiral α -Fluoromalonate Derivatives: Stereodivergent Synthesis of Heterocycles with Fluorine Containing Stereocenters Adjacent to Tertiary Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 958-965.	4.3	2
4	Microscopic Insights into Cation-Coupled Electron Hopping Transport in a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2022, 144, 5910-5920.	13.7	18
5	Structure of the active pharmaceutical ingredient bismuth subsalicylate. <i>Nature Communications</i> , 2022, 13, 1984.	12.8	22
6	Chiral Lanthanum Metal-Organic Framework with Gated CO ₂ Sorption and Concerted Framework Flexibility. <i>Journal of the American Chemical Society</i> , 2022, 144, 8725-8733.	13.7	18
7	3D electron diffraction as an important technique for structure elucidation of metal-organic frameworks and covalent organic frameworks. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213583.	18.8	86
8	Metal-Dependent and Selective Crystallization of CAU-10 and MIL-53 Frameworks through Linker Nitration. <i>Chemistry - A European Journal</i> , 2021, 27, 7696-7703.	3.3	0
9	A Tunable Multivariate Metal-Organic Framework as a Platform for Designing Photocatalysts. <i>Journal of the American Chemical Society</i> , 2021, 143, 6333-6338.	13.7	69
10	Isorecticular Chemistry of Group 13 Metal-Organic Framework Compounds Based on V-Shaped Linker Molecules: Exceptions to the Rule?. <i>Inorganic Chemistry</i> , 2021, 60, 8861-8869.	4.0	4
11	Toward Sustainable Li-Ion Battery Recycling: Green Metal-Organic Framework as a Molecular Sieve for the Selective Separation of Cobalt and Nickel. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9770-9778.	6.7	22
12	A Novel Porous Ti ₆ S ₄ Squarate as Efficient Photocatalyst in the Overall Water Splitting Reaction under Simulated Sunlight Irradiation. <i>Advanced Materials</i> , 2021, 33, e2106627.	21.0	35
13	Exploring the influence of atomic level structure, porosity, and stability of bismuth coordination polymers on electrocatalytic CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26298-26310.	10.3	14
14	Highly Diastereoselective Palladium-Catalyzed Oxidative Cascade Carbonylative Carbocyclization of Enallenols. <i>Organic Letters</i> , 2020, 22, 417-421.	4.6	8
15	Breathing Metal-Organic Framework Based on Flexible Inorganic Building Units. <i>Crystal Growth and Design</i> , 2020, 20, 320-329.	3.0	31
16	A Tetratopic Phosphonic Acid for the Synthesis of Permanently Porous MOFs: Reactor Size-Dependent Product Formation and Crystal Structure Elucidation via Three-Dimensional Electron Diffraction. <i>Inorganic Chemistry</i> , 2020, 59, 13343-13352.	4.0	11
17	A Robust and Biocompatible Bismuth Ellagate MOF Synthesized Under Green Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2020, 142, 16795-16804.	13.7	115
18	Observation of three different linker conformers in a scandium ferrocenedicarboxylate coordination polymer. <i>CrystEngComm</i> , 2020, 22, 5569-5572.	2.6	3

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19	Upcycling of Spent NiMH Battery Material—Reconditioned Battery Alloys Show Faster Activation and Reaction Kinetics than Pristine Alloys. <i>Molecules</i> , 2020, 25, 2338.	3.8	3
20	A Scandium MOF with an Unprecedented Inorganic Building Unit, Delimiting the Micropore Windows. <i>Inorganic Chemistry</i> , 2020, 59, 8995-9004.	4.0	11
21	Influence of the substitution pattern of four naphthalenedicarboxylic acids on the structures and properties of group 13 metal—organic frameworks and coordination polymers. <i>Dalton Transactions</i> , 2020, 49, 4861-4868.	3.3	9
22	An Expandable Hydrogen-Bonded Organic Framework Characterized by Three-Dimensional Electron Diffraction. <i>Journal of the American Chemical Society</i> , 2020, 142, 12743-12750.	13.7	70
23	Polymorphous Indium Metal—Organic Frameworks Based on a Ferrocene Linker: Redox Activity, Porosity, and Structural Diversity. <i>Inorganic Chemistry</i> , 2020, 59, 9969-9978.	4.0	24
24	Silver—Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10391-10395.	13.8	25
25	Silver—Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie</i> , 2020, 132, 10477-10481.	2.0	10
26	New Scandium—Containing Coordination Polymers with Linear Linker Molecules: Crystal Structures and Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2737-2743.	2.0	5
27	Metal—Organic Frameworks with Hexakis(4-carboxyphenyl)benzene: Extensions to Reticular Chemistry and Introducing Foldable Nets. <i>Journal of the American Chemical Society</i> , 2020, 142, 9471-9481.	13.7	26
28	Water—Based Synthesis and Properties of a Scandium 1,4—Naphthalenedicarboxylate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1373-1379.	1.2	5
29	Permanent porosity and role of sulfonate groups in coordination networks constructed from a new polyfunctional phosphonato-sulfonate linker molecule. <i>Dalton Transactions</i> , 2020, 49, 2724-2733.	3.3	7
30	Catalytic Enantioselective Synthesis of Bicyclic Lactam <i>N</i> , <i>S</i> -Acetals in One Pot by Cascade Transformations. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4649-4657.	2.4	3
31	Mesoscale Transformation of Amorphous Calcium Carbonate to Porous Vaterite Microparticles with Morphology Control. <i>Crystal Growth and Design</i> , 2019, 19, 5075-5087.	3.0	27
32	Five New Coordination Polymers with a Bifunctional Phosphonate—Sulfonate Linker Molecule. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 732-739.	1.2	3
33	Palladium-Catalyzed Stereospecific Oxidative Cascade Reaction of Allenes for the Construction of Pyrrole Rings: Control of Reactivity and Selectivity. <i>ACS Catalysis</i> , 2019, 9, 5184-5190.	11.2	31
34	Multistimuli-Responsive Enaminitrile Molecular Switches Displaying H ⁺ -Induced Aggregate Emission, Metal Ion-Induced Turn-On Fluorescence, and Organogelation Properties. <i>Journal of the American Chemical Society</i> , 2018, 140, 13640-13643.	13.7	46
35	A novel bismuth-containing metal—organic framework: the first example of a flexible bismuth MOF. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e367-e367.	0.1	0
36	Solvomorphism in the active pharmaceutical ingredient bismuth subgallate: microporous 1D, 2D and 3D coordination polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e368-e368.	0.1	0