

Menghe Baiyin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	K ₂ Ag ₆ Sn ₃ S ₁₀ : A Quaternary Sulfide Composed of Silver Sulfide Layers Pillared by Zigzag Chains [SnS ₃] ₂ -. Inorganic Chemistry, 2004, 43, 3764-3765.	4.0	48
2	Heterogeneous recyclable nano-palladium catalyzed amidation of esters using formamides as amine sources. Green Chemistry, 2016, 18, 3808-3814.	9.0	30
3	Synthesis, crystal structure, photocatalysis, photocurrent response: one-dimensional K ₂ HgSnSe ₄ and three-dimensional Na ₆ Cu ₈ Sn ₃ Se ₁₃ . CrystEngComm, 2021, 23, 6079-6085.	2.6	12
4	Two Mercury Antimony Chalcogenides Cs ₂ HgSb ₄ S ₈ and Cs ₂ Hg ₂ Sb ₂ Se ₆ with Cesium Cations as Counterions. ACS Omega, 2018, 3, 15168-15173.	3.5	8
5	Solvothermal synthesis and properties of three antimony chalcogenides containing transition metal zinc. Journal of Solid State Chemistry, 2021, 302, 122401.	2.9	8
6	[3 + 2 + 1] Pyridine Skeleton Synthesis Using Acetonitrile as C ₄ N ₁ Units and Solvent. Journal of Organic Chemistry, 2021, 86, 12664-12675.	3.2	7
7	Transient directing group controlled regiodivergent C(sp ³)-H and C(sp ²)-H polyfluoroalkoxylation of aromatic aldehydes. Organic Chemistry Frontiers, 2021, 8, 5975-5981.	4.5	7
8	Regiodivergent CDC reactions of aromatic aldehydes with unactivated arenes controlled by transient directing strategy. Chemical Communications, 2021, 57, 11229-11232.	4.1	7
9	Preparation of 2 dimensional organic-decorated quaternary TM-Cd-Sb-Se (TM = Zn, Mn, Fe) compounds by solvothermal method: Syntheses, crystal structures and properties. Journal of Solid State Chemistry, 2021, 296, 121964.	2.9	6
10	The solvothermal synthesis and characterization of quaternary arsenic chalcogenides CsTMAsQ ₃ (TM = Hg, Cd; Q = S, Se) using Cs ⁺ as a structure directing agent: from 1D anionic chains to 2D anionic layers. RSC Advances, 2020, 10, 34903-34909.	3.6	5
11	Solvothermal Syntheses and Characterization of Three One-dimension Cadmium Selenidoarsenates [Ni(1,2-dap) ₃][As ₂ CdSe ₄], [Zn(1,2-dap) ₃][As ₂ CdSe ₄] and [Ni(en) ₃][As ₂ CdSe ₄]. Chemical Research in Chinese Universities, 2019, 35, 560-563.	2.6	4
12	Five new TM-Sn-Q (TM = transition metals; Q = S, Se) photoelectrocatalytic materials. Polyhedron, 2022, 217, 115729.	2.2	3
13	Solvothermal syntheses and characterization of three quaternary selenidoarsenates containing mercury [TM(en) ₃][HgAs ₂ Se ₄] (TM Mn, Ni, Zn). Inorganic Chemistry Communication, 2021, 134, 108967.	3.9	2
14	Solvothermal Synthesis and Characterization of One-Dimensional [Mn(en) ₃]CdSb ₂ Se ₅ . Journal of Chemical Crystallography, 2023, 53, 145-151.	1.1	2
15	Strong Photocurrent Response of Selenoarsenates With Different Transition Metal Complexes as Structure-Directing Agents. Frontiers in Chemistry, 2022, 10, .	3.6	0