

# Menghe Baiyin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2886119/publications.pdf>

Version: 2024-02-01

15  
papers

149  
citations

1478505

6  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

119  
citing authors

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