

# Guanwei Jia

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Theory and Application of Magnetic Flux Leakage Pipeline Detection. <i>Sensors</i> , 2015, 15, 31036-31055.	2.1	236
2	Tunable magnetism in ferroelectric $\text{In}_2\text{Se}_3$ by hole-doping. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	25
3	Catalyst-Assisted Solution-Liquid-Solid Synthesis of $\text{CdS/CuInSe}_2$ and $\text{CuInTe}_2/\text{CuInSe}_2$ Nanorod Heterostructures. <i>Inorganic Chemistry</i> , 2019, 58, 695-702.	1.9	21
4	Strain-tunable phase transition and doping-induced magnetism in iodine. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	18
5	Energy conversion characteristics of reciprocating piston quasi-isothermal compression systems using water sprays. <i>Science China Technological Sciences</i> , 2018, 61, 285-298.	2.0	16
6	Foreign Metal Ions to Control the Morphology of Solution-Liquid-Solid Reaction. <i>Crystal Growth and Design</i> , 2018, 18, 7489-7495.	1.4	11
7	Solution-Liquid-Solid Growth of $\text{CuInTe}_2$ and $\text{CuInSe}_2$ Semiconductor Nanowires. <i>Inorganic Chemistry</i> , 2018, 57, 14961-14966.	1.9	10
8	$\text{CuInTe}_2$ Nanocrystals: Shape and Size Control, Formation Mechanism and Application, and Use as Photovoltaics. <i>Nanomaterials</i> , 2019, 9, 409.	1.9	10
9	Hollow Nanoporous Multishelled $\text{NiCo}_2\text{O}_4$ Spheres for Lithium-Ion Batteries. <i>ACS Applied Nano Materials</i> , 2022, 5, 9893-9900.	2.4	9
10	Sulfur-free synthesis of size tunable rickardite ( $\text{Cu}_3\text{Te}_2$ ) spheroids and planar squares. <i>Royal Society Open Science</i> , 2019, 6, 181602.	1.1	7
11	Water-Spray-Cooled Quasi-Isothermal Compression Method: Water-Spray Flow Improvement. <i>Entropy</i> , 2021, 23, 724.	1.1	6
12	One-pot synthesis of branched $\text{CuInSe}_2$ nanowires based on solution-liquid-solid method and their implementation in photovoltaic devices. <i>Journal of Crystal Growth</i> , 2019, 523, 125152.	0.7	5
13	Cation exchange synthesis of $\text{CuIn}_x\text{Ga}_{1-x}\text{Se}_2$ nanowires and their implementation in photovoltaic devices. <i>RSC Advances</i> , 2019, 9, 35780-35785.	1.7	5
14	Fe-Ion-Catalyzed Synthesis of $\text{CdSe/Cu}$ Core/Shell Nanowires. <i>Inorganic Chemistry</i> , 2021, 60, 2614-2622.	1.9	5
15	Study on the Dynamics of Local Pressure Boosting Pneumatic System. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-11.	0.6	4
16	Research on RBF neural network prediction of oil and gas pipe dent depth. , 2016, , .		3
17	Synthesis of $\text{CdSe}$ Nanowires and $\text{CuInSe}_2$ Nanosheets for Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 0, , .	2.4	2