

# Chengguo Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4704678/publications.pdf>

Version: 2024-02-01

17  
papers

132  
citations

1478505

6  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Characterization of the Nonlinear Optical Material $\text{MnTeW}_{1-x}\text{Mo}_x\text{O}_6$ . Journal of Physical Chemistry C, 2022, 126, 815-822.	3.1	2
2	Design, crystal structures, electronic structures and absorption spectra of $\text{MnSe}_{1-x}\text{Te}_x\text{MoO}_6$ : A first principles exploration. AEJ - Alexandria Engineering Journal, 2022, 61, 9235-9241.	6.4	0
3	Experimental and theoretical studies of magnetic properties for $\text{MnTeMoO}_6$ crystal. Journal of Alloys and Compounds, 2018, 747, 591-594.	5.5	3
4	Synthesis, crystal structure, optical property and theoretical studies of a noncentrosymmetric telluromolybdate $\text{CoTeMoO}_6$ . Journal of Alloys and Compounds, 2017, 722, 381-386.	5.5	5
5	Synthesis and nonlinear optical property of polycrystalline $\text{MnTeMoO}_6$ . Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	3
6	Ferroelectric behavior of nonlinear optical material $\text{MnTeMoO}_6$ . Optik, 2017, 130, 1021-1025.	2.9	2
7	Laser cooling of the $\text{AlCl}$ molecule with a three-electronic-level theoretical model. Journal of Chemical Physics, 2016, 145, 024309.	3.0	24
8	Investigation of physical properties for nonlinear optical crystal $\text{MnTeMoO}_6$ : Hardness, density, specific heat and chemical stability. European Physical Journal Plus, 2016, 131, 1.	2.6	1
9	Synthesis, phase and reaction mechanism of nonlinear optical material $\text{MnTeMoO}_6$ . Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	2
10	Magnetic and structural properties of $\text{Sr}_{0.75}\text{La}_{0.25}\text{Fe}_x\text{Cu}_{0.2}\text{O}_{19}$ (10.40% $x$ 11.80) hexagonal ferrites prepared by the solid-state reaction. Journal of Magnetism and Magnetic Materials, 2016, 406, 144-148.	2.3	19
11	Nonstoichiometry in KTP and Nb: KTP crystals by high-temperature solutions method. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550043.	1.8	2
12	Thermal, vibrational spectra and photoluminescence properties of the nonlinear optical material $\text{MnTeMoO}_6$ . Applied Physics A: Materials Science and Processing, 2015, 119, 121-125.	2.3	6
13	Relationship between structure and cleavage behavior in the nonlinear optical crystal $\text{MnTeMoO}_6$ . Journal of Crystal Growth, 2015, 419, 25-30.	1.5	10
14	Experimental and theoretical studies of optical and nonlinear optical properties for $\text{MnTeMoO}_6$ crystal. Journal of Alloys and Compounds, 2015, 651, 585-589.	5.5	18
15	Laser cooling of $\text{MgCl}$ and $\text{MgBr}$ in theoretical approach. Journal of Chemical Physics, 2015, 143, 024302.	3.0	22
16	Potential energy curves and dipole moment of $\text{NF}$ molecule with inner electron correlation. Canadian Journal of Physics, 2015, 93, 1544-1550.	1.1	3
17	Optical properties, micro-crystallization and etching studies of an organic/inorganic hybrid nonlinear optical crystal: 1-Ethyl-3-methyl imidazolium tribromoplumbate (EMITB). Journal of Crystal Growth, 2011, 325, 55-59.	1.5	10