

Chengguo Jin

List of Publications by Year in descending order

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papers

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1478505

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17
all docs

17
docs citations

17
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser cooling of the AlCl molecule with a three-electronic-level theoretical model. Journal of Chemical Physics, 2016, 145, 024309.	3.0	24
2	Laser cooling of MgCl and MgBr in theoretical approach. Journal of Chemical Physics, 2015, 143, 024302.	3.0	22
3	Magnetic and structural properties of Sr _{0.75} La _{0.25} FexCu _{0.20} O ₁₉ (10.40% \times 11.80) hexagonal ferrites prepared by the solid-state reaction. Journal of Magnetism and Magnetic Materials, 2016, 406, 144-148.	2.3	19
4	Experimental and theoretical studies of optical and nonlinear optical properties for MnTeMoO ₆ crystal. Journal of Alloys and Compounds, 2015, 651, 585-589.	5.5	18
5	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
6	Relationship between structure and cleavage behavior in the nonlinear optical crystal MnTeMoO ₆ . Journal of Crystal Growth, 2015, 419, 25-30.	1.5	10
7	Thermal, vibrational spectra and photoluminescence properties of the nonlinear optical material MnTeMoO ₆ . Applied Physics A: Materials Science and Processing, 2015, 119, 121-125.	2.3	6
8	Synthesis, crystal structure, optical property and theoretical studies of a noncentrosymmetric telluromolybdate CoTeMoO ₆ . Journal of Alloys and Compounds, 2017, 722, 381-386.	5.5	5
9	Potential energy curves and dipole moment of NF molecule with inner electron correlation. Canadian Journal of Physics, 2015, 93, 1544-1550.	1.1	3
10	Synthesis and nonlinear optical property of polycrystalline MnTeMoO ₆ . Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	3
11	Experimental and theoretical studies of magnetic properties for MnTeMoO ₆ crystal. Journal of Alloys and Compounds, 2018, 747, 591-594.	5.5	3
12	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
13	Synthesis, phase and reaction mechanism of nonlinear optical material MnTeMoO ₆ . Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	2
14	Ferroelectric behavior of nonlinear optical material MnTeMoO ₆ . Optik, 2017, 130, 1021-1025.	2.9	2
15	Design, Synthesis, and Characterization of the Nonlinear Optical Material MnTeW _x Mo _{1-x} O ₆ . Journal of Physical Chemistry C, 2022, 126, 815-822.	3.1	2
16	Investigation of physical properties for nonlinear optical crystal MnTeMoO ₆ : Hardness, density, specific heat and chemical stability. European Physical Journal Plus, 2016, 131, 1.	2.6	1
17	Design, crystal structures, electronic structures and absorption spectra of MnSe _{1-x} Te _x MoO ₆ : A first principles exploration. AEJ - Alexandria Engineering Journal, 2022, 61, 9235-9241.	6.4	0