

Chengqian Zhang

List of Publications by Year in descending order

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docs citations

27
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphism of BaTeMo ₂ O ₉ : A New Polar Polymorph and the Phase Transformation. Chemistry of Materials, 2011, 23, 3752-3761.	3.2	167
2	Bulk Growth and Characterization of a Novel Nonlinear Optical Crystal BaTeMo ₂ O ₉ . Crystal Growth and Design, 2008, 8, 304-307.	1.4	118
3	Tunable Ultrafast Nonlinear Optical Properties of Graphene/MoS ₂ van der Waals Heterostructures and Their Application in Solid-State Bulk Lasers. ACS Nano, 2018, 12, 11376-11385.	7.3	113
4	Generation of vacuum-ultraviolet light by an optically contacted, prism-coupled KBe ₂ BO ₃ F ₂ crystal. Optics Letters, 2003, 28, 254.	1.7	102
5	MgTeMoO ₆ : A neutral layered material showing strong second-harmonic generation. Journal of Materials Chemistry, 2012, 22, 9921.	6.7	97
6	Generation of vacuum-ultraviolet light below 160 nm in a KBBF crystal by the fifth harmonic of a single-mode Ti:sapphire laser. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 370.	0.9	88
7	Bulk crystal growth and characterization of a new polar polymorph of BaTeMo ₂ O ₉ : Î±-BaTeMo ₂ O ₉ . CrystEngComm, 2011, 13, 6985.	1.3	87
8	Few-layer Ti ₃ C ₂ T _x (T=O, OH, or F) saturable absorber for a femtosecond bulk laser. Optics Letters, 2018, 43, 3862.	1.7	84
9	Top-Seeded Solution Growth, Morphology, and Properties of a Polar Crystal Cs ₂ TeMo ₃ O ₁₂ . Crystal Growth and Design, 2011, 11, 1863-1868.	1.4	69
10	Structure and Thermal Properties of the Nonlinear Optical Crystal BaTeMo ₂ O ₉ . Crystal Growth and Design, 2009, 9, 2633-2636.	1.4	60
11	Spectroscopic properties of Yb-doped GdCa ₄ O(BO ₃) ₃ crystal. Chemical Physics Letters, 2002, 357, 15-19.	1.2	39
12	Top-Seeded Solution Growth, Structure, Morphology, and Functional Properties of a New Polar Crystal Cs ₂ TeW ₃ O ₁₂ . Crystal Growth and Design, 2015, 15, 4484-4489.	1.4	34
13	Controlled Growth of Layered Acentric CdTeMoO ₆ Single Crystals with Linear and Nonlinear Optical Properties. Crystal Growth and Design, 2018, 18, 3376-3384.	1.4	31
14	Growth of large K ₂ Al ₂ B ₂ O ₇ crystals. Journal of Crystal Growth, 2002, 235, 1-4.	0.7	29
15	Synthesis, crystal growth, and characterization of the orthorhombic BaTeW ₂ O ₉ : a new polymorph of BaTeW ₂ O ₉ . CrystEngComm, 2013, 15, 10197.	1.3	23
16	Growth and properties of K ₂ Al ₂ B ₂ O ₇ crystal. Optical Materials, 2003, 23, 357-362.	1.7	21
17	Anisotropic thermal properties of the polar crystal Cs ₂ TeMo ₃ O ₁₂ . Journal of Solid State Chemistry, 2012, 195, 120-124.	1.4	17
18	Second order nonlinear optical properties of Cs ₂ TeW ₃ O ₁₂ single crystal. Optical Materials Express, 2016, 6, 451.	1.6	17

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19	High-efficiency fourth-harmonic generation of KBBF crystal. Optics Communications, 2001, 200, 415-418.	1.0	15
20	Top-seeded growth of K ₂ Al ₂ B ₂ O ₇ . Journal of Crystal Growth, 2001, 231, 439-441.	0.7	14
21	Growth and optical properties of ErCa ₄ O(BO ₃) ₃ crystals. Journal of Crystal Growth, 2002, 234, 699-703.	0.7	13
22	Alpha-phase indium selenide saturable absorber for a femtosecond all-solid-state laser. Optics Letters, 2019, 44, 699.	1.7	13
23	Strong-Coupling Superconductivity in Noncentrosymmetric Superconductor Li ₂ Pd ₃ B by Sub-meV Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 034711.	0.7	7
24	Growth mechanism of single crystal NaFe ₄ P ₁₂ nanowires. Journal of Crystal Growth, 2002, 234, 679-682.	0.7	6
25	Growth and Characterization of Tetraphenylphosphonium Bromide Crystal. Crystals, 2017, 7, 154.	1.0	5
26	Image shifts resulting from the misorientation of two individuals in GdCa ₄ O(BO ₃) ₃ crystal. Journal of Crystal Growth, 2001, 229, 252-255.	0.7	4
27	Characterization and optimization of the growth conditions of a novel Cs ₂ TeW ₃ O ₁₂ piezoelectric crystal. RSC Advances, 2017, 7, 4278-4284.	1.7	4