

Chengqian Zhang

List of Publications by Year in descending order

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27
papers

1,277
citations

516215

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docs citations

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times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Alpha-phase indium selenide saturable absorber for a femtosecond all-solid-state laser. <i>Optics Letters</i> , 2019, 44, 699.	1.7	13
2	Controlled Growth of Layered Acentric CdTeMoO ₆ Single Crystals with Linear and Nonlinear Optical Properties. <i>Crystal Growth and Design</i> , 2018, 18, 3376-3384.	1.4	31
3	Tunable Ultrafast Nonlinear Optical Properties of Graphene/MoS ₂ van der Waals Heterostructures and Their Application in Solid-State Bulk Lasers. <i>ACS Nano</i> , 2018, 12, 11376-11385.	7.3	113
4	Few-layer Ti ₃ C ₂ T _x (T = O, OH, or F) saturable absorber for a femtosecond bulk laser. <i>Optics Letters</i> , 2018, 43, 3862.	1.7	84
5	Characterization and optimization of the growth conditions of a novel Cs ₂ TeW ₃ O ₁₂ piezoelectric crystal. <i>RSC Advances</i> , 2017, 7, 4278-4284.	1.7	4
6	Growth and Characterization of Tetraphenylphosphonium Bromide Crystal. <i>Crystals</i> , 2017, 7, 154.	1.0	5
7	Second order nonlinear optical properties of Cs ₂ TeW ₃ O ₁₂ single crystal. <i>Optical Materials Express</i> , 2016, 6, 451.	1.6	17
8	Top-Seeded Solution Growth, Structure, Morphology, and Functional Properties of a New Polar Crystal Cs ₂ TeW ₃ O ₁₂ . <i>Crystal Growth and Design</i> , 2015, 15, 4484-4489.	1.4	34
9	Synthesis, crystal growth, and characterization of the orthorhombic BaTeW ₂ O ₉ : a new polymorph of BaTeW ₂ O ₉ . <i>CrystEngComm</i> , 2013, 15, 10197.	1.3	23
10	MgTeMoO ₆ : A neutral layered material showing strong second-harmonic generation. <i>Journal of Materials Chemistry</i> , 2012, 22, 9921.	6.7	97
11	Anisotropic thermal properties of the polar crystal Cs ₂ TeMo ₃ O ₁₂ . <i>Journal of Solid State Chemistry</i> , 2012, 195, 120-124.	1.4	17
12	Polymorphism of BaTeMo ₂ O ₉ : A New Polar Polymorph and the Phase Transformation. <i>Chemistry of Materials</i> , 2011, 23, 3752-3761.	3.2	167
13	Top-Seeded Solution Growth, Morphology, and Properties of a Polar Crystal Cs ₂ TeMo ₃ O ₁₂ . <i>Crystal Growth and Design</i> , 2011, 11, 1863-1868.	1.4	69
14	Bulk crystal growth and characterization of a new polar polymorph of BaTeMo ₂ O ₉ : $\hat{\Gamma}$ -BaTeMo ₂ O ₉ . <i>CrystEngComm</i> , 2011, 13, 6985.	1.3	87
15	Structure and Thermal Properties of the Nonlinear Optical Crystal BaTeMo ₂ O ₉ . <i>Crystal Growth and Design</i> , 2009, 9, 2633-2636.	1.4	60
16	Strong-Coupling Superconductivity in Noncentrosymmetric Superconductor Li ₂ Pd ₃ B by Sub-meV Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 034711.	0.7	7
17	Bulk Growth and Characterization of a Novel Nonlinear Optical Crystal BaTeMo ₂ O ₉ . <i>Crystal Growth and Design</i> , 2008, 8, 304-307.	1.4	118
18	Generation of vacuum-ultraviolet light below 160 nm in a KBBF crystal by the fifth harmonic of a single-mode Ti:sapphire laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2004, 21, 370.	0.9	88

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19	Growth and properties of K ₂ Al ₂ B ₂ O ₇ crystal. <i>Optical Materials</i> , 2003, 23, 357-362.	1.7	21
20	Generation of vacuum-ultraviolet light by an optically contacted, prism-coupled KBe ₂ BO ₃ F ₂ crystal. <i>Optics Letters</i> , 2003, 28, 254.	1.7	102
21	Growth mechanism of single crystal NaFe ₄ P ₁₂ nanowires. <i>Journal of Crystal Growth</i> , 2002, 234, 679-682.	0.7	6
22	Growth and optical properties of ErCa ₄ O(BO ₃) ₃ crystals. <i>Journal of Crystal Growth</i> , 2002, 234, 699-703.	0.7	13
23	Growth of large K ₂ Al ₂ B ₂ O ₇ crystals. <i>Journal of Crystal Growth</i> , 2002, 235, 1-4.	0.7	29
24	Spectroscopic properties of Yb-doped GdCa ₄ O(BO ₃) ₃ crystal. <i>Chemical Physics Letters</i> , 2002, 357, 15-19.	1.2	39
25	High-efficiency fourth-harmonic generation of KBBF crystal. <i>Optics Communications</i> , 2001, 200, 415-418.	1.0	15
26	Image shifts resulting from the misorientation of two individuals in GdCa ₄ O(BO ₃) ₃ crystal. <i>Journal of Crystal Growth</i> , 2001, 229, 252-255.	0.7	4
27	Top-seeded growth of K ₂ Al ₂ B ₂ O ₇ . <i>Journal of Crystal Growth</i> , 2001, 231, 439-441.	0.7	14