

Xiuwei Fu

List of Publications by Year in descending order

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8
papers

100
citations

1478505

6
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1588992

8
g-index

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all docs

8
docs citations

8
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice engineering by Sr-substitution leads to high piezoelectric performance of $(\text{Sr}_x\text{Ca}_{1-x})_3\text{TaAl}_3\text{Si}_2\text{O}_{14}$ single crystals. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156860.	5.5	3
2	Piezoelectric $\text{Ca}_3\text{TaAl}_3\text{Si}_2\text{O}_{14}$ (CTAS): High quality 2-in. single-crystal growth and electro-elastic properties from room to high (650 $^{\circ}\text{C}$) temperature. <i>Journal of Crystal Growth</i> , 2018, 501, 38-42.	1.5	6
3	Resistivity and piezoelectric properties of $\text{Ca}_{3-x}\text{TaGa}_{1.5-x}\text{Al}_{1.5}\text{Si}_2\text{O}_{14}$ single crystals for high temperature sensors. <i>RSC Advances</i> , 2017, 7, 56697-56703.	3.6	3
4	Temperature dependence of electrical resistivity, dielectric and piezoelectric properties of $\text{Ca}_3\text{TaGa}_{3-x}\text{Al}_x\text{Si}_2\text{O}_{14}$ single crystals as a function of Al content. <i>Journal of Alloys and Compounds</i> , 2016, 687, 797-803.	5.5	12
5	Influence of growth conditions on the optical, electrical resistivity and piezoelectric properties of $\text{Ca}_3\text{TaGa}_3\text{Si}_2\text{O}_{14}$ single crystals. <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 523-527.	1.1	23
6	Influence of Oxygen Partial Pressure during Growth on Optical and Electrical Properties of $\text{Ca}_3\text{TaAl}_3\text{Si}_2\text{O}_{14}$ Single Crystals. <i>Crystal Growth and Design</i> , 2016, 16, 2151-2156.	3.0	16
7	Thermal and piezoelectric properties of $\text{La}_3\text{Ta}_{0.5}\text{Ga}_{5.1}\text{Al}_{0.4}\text{O}_{14}$ (LTGA) for high temperature sensors. <i>Journal of Alloys and Compounds</i> , 2015, 647, 1086-1090.	5.5	17
8	Growth and characterization of Nd:LGGG laser crystal. <i>Journal of Crystal Growth</i> , 2012, 353, 72-76.	1.5	20