

Xiuwei Fu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

100
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Journal of the Ceramic Society of Japan, 2016, 124, 523-527.	1.1	23
2	Growth and characterization of Nd:LGGG laser crystal. Journal of Crystal Growth, 2012, 353, 72-76.	1.5	20
3	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. Journal of Alloys and Compounds, 2015, 647, 1086-1090.	5.5	17
4	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. Crystal Growth and Design, 2016, 16, 2151-2156.	3.0	16
5	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. Journal of Alloys and Compounds, 2016, 687, 797-803.	5.5	12
6	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 \AA C) temperature. Journal of Crystal Growth, 2018, 501, 38-42.	1.5	6
7	Resistivity and piezoelectric properties of $\text{Ca}_3\text{TaGa}_{1.5}\text{Al}_{1.5}\text{Si}_2\text{O}_{14}$ single crystals for high temperature sensors. RSC Advances, 2017, 7, 56697-56703.	3.6	3
8	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. Journal of Alloys and Compounds, 2021, 851, 156860.	5.5	3