

Ben Kowalski

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics of the Lu_2O_3 - SiO_2 system and comparison to other rare earth silicates. Journal of Chemical Thermodynamics, 2021, 161, 106483.	2.0	7
2	Sorption isosteres and isotherms of silver on NBG-17 graphite. Journal of Nuclear Materials, 2021, 557, 153264.	2.7	3
3	Vaporization of Protective Oxide Films into Different Gas Atmospheres. Oxidation of Metals, 2020, 93, 247-282.	2.1	13
4	Thermochemistry of calcium rare-earth silicate oxyapatites. Journal of the American Ceramic Society, 2020, 103, 1446-1453.	3.8	36
5	Thermally grown oxide in water vapor on coated and uncoated SiC. Journal of the American Ceramic Society, 2020, 103, 5978-5989.	3.8	11
6	Experimental search for high-temperature ferroelectric perovskites guided by two-step machine learning. Nature Communications, 2018, 9, 1668.	12.8	189
7	High temperature limitation due to onset of depoling in BiScO_3 - PbTiO_3 . Journal of Applied Physics, 2017, 121, .	2.5	8
8	Aliovalent MnTi and GaTi substitution in high-temperature piezoelectric $(x)\text{Bi}(\text{Zn}_{0.5}\text{Zr}_{0.5})\text{O}_3$ - $(y)\text{BiScO}_3$ - $(100-x-y)\text{PbTiO}_3$. Journal of Materials Science, 2016, 51, 6761-6769.	3.7	8
9	Characterization of the High-Temperature Ferroelectric $(100-x)\text{BiScO}_3$ - $(x)\text{Bi}(\text{Zn}_{0.5}\text{Zr}_{0.5})\text{O}_3$ Perovskite Ternary Solid Solution. Journal of the American Ceramic Society, 2014, 97, 490-497.	3.3	19
10	Structure and temperature-dependent phase transitions of lead-free $\text{Bi}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ - $\text{Bi}_{1/2}\text{K}_{1/2}\text{TiO}_3$ - $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ piezoceramics. Journal of Materials Research, 2012, 27, 2466-2478.	2.6	20
11	Structure and properties of Fe-modified $\text{Na}_{0.5}\text{BiTiO}_3$ piezoceramics. Journal of Materials Research, 2012, 27, 2466-2478.	3.2	175
12	In situ observation of microstrain relief in cold-sprayed bulk copper during thermal annealing. Scripta Materialia, 2012, 67, 791-794.	5.2	16
13	Phase transition sequence in sodium bismuth titanate observed using high-resolution x-ray diffraction. Applied Physics Letters, 2011, 99, .	3.3	92
14	Templated grain growth of $\text{Bi}(\text{Zn}_{0.5}\text{Zr}_{0.5})\text{O}_3$ modified BiScO_3 - PbTiO_3 piezoelectric ceramics for high temperature applications. Journal of Asian Ceramic Societies, 0, , 1-8.	2.3	5
15	Deposition of Electrically Conductive Zirconium Monoxide (ZrO) via Plasma Spray-Physical Vapor Deposition (PS-PVD). Journal of the American Ceramic Society, 0, , .	3.8	0