

Sang-Hyo Kweon

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

280
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Temperature Sintering and Microwave Dielectric Properties of Bi_2O_3 -doped LiAlSiO_4 Ceramics. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1995-1998.	3.8	55
2	Highly Sensitive and Selective PbTiO_3 Gas Sensors with Negligible Humidity Interference in Ambient Atmosphere. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5240-5246.	8.0	40
3	Effect of Bi_2O_3 Doping on the Sintering Temperature and Microwave Dielectric Properties of LiAlSiO_4 Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 1811-1813.	3.8	22
4	Electrophoretic deposition of $\text{Ca}_2\text{Nb}_3\text{O}_{10}$ nanosheets synthesized by soft-chemical exfoliation. <i>Journal of Materials Chemistry C</i> , 2016, 4, 178-184.	5.5	18
5	Physical Properties of $(\text{Na}_{1-x}\text{K}_x)\text{NbO}_3$ Thin Film Grown at Low Temperature Using Two-Dimensional $\text{Ca}_2\text{Nb}_3\text{O}_{10}$ Nanosheet Seed Layer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25536-25546.	8.0	17
6	Transparent piezoelectric thin-film devices: $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ thin films on glass substrates. <i>Sensors and Actuators A: Physical</i> , 2021, 327, 112786.	4.1	16
7	Sintering behavior and dielectric properties of $\text{KCa}_2\text{Nb}_3\text{O}_{10}$ ceramics. <i>Journal of the European Ceramic Society</i> , 2013, 33, 907-911.	5.7	15
8	[0 0 1]-oriented crystalline Potassium-Sodium Niobate thin film fabricated at low temperature for use in piezoelectric energy harvester. <i>Applied Surface Science</i> , 2021, 537, 147871.	6.1	15
9	Synthesis of $\text{Sr}_2\text{Nb}_3\text{O}_{10}$ nanosheets and their application for growth of thin film using an electrophoretic method. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1098-1107.	3.8	14
10	Microstructural and Microwave Dielectric Properties of $\text{Bi}_{12}\text{Ge}_{20}$ and Bi_2O_3 -deficient $\text{Bi}_{12}\text{Ge}_{20}$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2361-2367.	3.8	13
11	Low-temperature crystalline lead-free piezoelectric thin films grown on 2D perovskite nanosheet for flexible electronic device applications. <i>Nano Research</i> , 2019, 12, 2559-2567.	10.4	12
12	Microstructures and Microwave Dielectric Properties of $\text{Bi}_{12}\text{Ge}_{20}$ -deficient $\text{Bi}_{12}\text{Si}_{20}$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2225-2229.	3.8	11
13	Electric field assembled anisotropic alumina composite for thermal dissipation applications. <i>Journal of Composite Materials</i> , 2014, 48, 201-208.	2.4	10
14	<i>In Situ</i> XRD Observation of Crystal Deformation of Piezoelectric $(\text{K}, \text{Na})\text{NbO}_3$ Thin Films. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2084-2089.	4.3	9
15	Electrical Properties of Amorphous BaTiO_4 Films Grown on $\text{Cu}/\text{Ti}/\text{SiO}_2/\text{Si}$ Substrates Using RF Magnetron Sputtering. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1248-1252.		
16	$\text{Ca}_{0.15}\text{Zr}_{0.85}\text{O}_{1.85}$ Thin Film for Application to MIM Capacitor on Organic Substrate. <i>Energy Harvesting and Systems</i> , 2014, 1, .	2.7	3
17	New lead-free piezoelectric thin film fabricated using metal-oxide nanosheets at low temperature. <i>Ceramics International</i> , 2019, 45, 21773-21780.	4.8	3
18	Synthesis and dielectric properties of layered-perovskite $\text{KCa}_2\text{N}_{n-3}\text{Nb}_n\text{O}_{3n+1}$ ceramics. <i>Ceramics International</i> , 2017, 43, 15089-15094.	4.8	2

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19	Bias-free Photo-electrochemical Water Splitting Driven by Large Photopotential of Epitaxial (Pb,La)TiO ₃ Ferroelectric Thin Films. ACS Applied Energy Materials, 2022, 5, 2606-2612.	5.1	2