

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

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19	Low Temperature Sintering and Microwave Dielectric Properties of B_2O_3 -doped LiAlSiO_4 Ceramics. Journal of the American Ceramic Society, 2011, 94, 1995-1998.	3.8	55