

Ren Jun Si

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

273
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Jahn-Teller assisted polaronic electron hopping in LiCuNb ₃ O ₉ . Journal of the European Ceramic Society, 2021, 41, 2625-2632.	5.7	5
2	Effect of Humidity Adsorption on Mixed Valence Dielectric Material LaFe _{1-x} Al _x O ₃ . Physica Status Solidi (B): Basic Research, 2021, 258, 2000342.	1.5	4
3	Superior Linear Response of K ₂ Ti ₂ O ₅ in Low and Medium Humidity Ranges. ACS Applied Electronic Materials, 2021, 3, 3445-3450.	4.3	2
4	Na ₄ Ti ₅ O ₁₂ based humidity sensor with excellent linear response over a wide humidity range. Materials Letters, 2021, 304, 130588.	2.6	1
5	High energy storage density and efficiency with excellent temperature and frequency stabilities under low operating field achieved in Ag _{0.91} Sm _{0.03} NbO ₃ -modified Na _{0.5} Bi _{0.5} TiO ₃ -BaTiO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 16928-16937.	2.2	15
6	TiO ₂ /NaNbO ₃ heterojunction for boosted humidity sensing ability. Sensors and Actuators B: Chemical, 2020, 309, 127803.	7.8	27
7	TiO ₂ /(K,Na)NbO ₃ Nanocomposite for Boosting Humidity-Sensing Performances. ACS Sensors, 2020, 5, 1345-1353.	7.8	46
8	Fine-grain induced outstanding energy storage performance in novel Bi _{0.5} K _{0.5} TiO ₃ –Ba(Mg _{1/3} Nb _{2/3})O ₃ ceramics via a hot-pressing strategy. Journal of Materials Chemistry C, 2019, 7, 12127-12138.	7.5	119
9	Giant and controllable humidity sensitivity achieved in (Na+Nb) co-doped rutile TiO ₂ . Sensors and Actuators B: Chemical, 2019, 293, 151-158.	7.8	36
10	Microstructure, colossal permittivity, and humidity sensitivity of (Na, Nb) co-doped rutile TiO ₂ ceramics. Journal of the American Ceramic Society, 2019, 102, 6688-6696.	3.8	18