

# 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	Fine-grain induced outstanding energy storage performance in novel $\text{Bi}_{0.5}\text{K}_{0.5}\text{TiO}_3$ – $\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics via a hot-pressing strategy. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12127-12138.		119
2	$\text{TiO}_2$ /(K,Na) $\text{NbO}_3$ Nanocomposite for Boosting Humidity-Sensing Performances. <i>ACS Sensors</i> , 2020, 5, 1345-1353.	7.8	46
3	Giant and controllable humidity sensitivity achieved in (Na+Nb) co-doped rutile $\text{TiO}_2$ . <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 151-158.	7.8	36
4	$\text{TiO}_2$ /Na $\text{NbO}_3$ heterojunction for boosted humidity sensing ability. <i>Sensors and Actuators B: Chemical</i> , 2020, 309, 127803.	7.8	27
5	Microstructure, colossal permittivity, and humidity sensitivity of (Na, Nb) co-doped rutile $\text{TiO}_2$ ceramics. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6688-6696.	3.8	18
6	High energy storage density and efficiency with excellent temperature and frequency stabilities under low operating field achieved in $\text{Ag}_{0.91}\text{Sm}_{0.03}\text{NbO}_3$ -modified $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ - $\text{BaTiO}_3$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 16928-16937.	2.2	15
7	Jahn-Teller assisted polaronic electron hopping in $\text{LiCuNb}_3\text{O}_9$ . <i>Journal of the European Ceramic Society</i> , 2021, 41, 2625-2632.	5.7	5
8	Effect of Humidity Adsorption on Mixed Valence Dielectric Material $\text{LaFe}_{1-x}\text{Al}_x\text{O}_3$ . <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000342.	1.5	4
9	Superior Linear Response of $\text{K}_2\text{Ti}_2\text{O}_5$ in Low and Medium Humidity Ranges. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3445-3450.	4.3	2
10	$\text{Na}_4\text{Ti}_5\text{O}_{12}$ based humidity sensor with excellent linear response over a wide humidity range. <i>Materials Letters</i> , 2021, 304, 130588.	2.6	1