

# Chuan Ke

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

118  
citations

1684188

5  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi <sub>2</sub> S <sub>3</sub> -modified TiO <sub>2</sub> nanotube arrays: easy fabrication of heterostructure and effective enhancement of photoelectrochemical property. <i>Journal of Materials Science</i> , 2013, 48, 6001-6007.	3.7	44
2	A brief review of new data analysis methods of laser-induced breakdown spectroscopy: machine learning. <i>Applied Spectroscopy Reviews</i> , 2022, 57, 89-111.	6.7	36
3	High-Tc Superconducting Maglev Prototype Vehicle Running at a 160 km/h in an Evacuated Circular Track. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, , 1-1.	1.7	11
4	Mechanism and Application of Capacitive-Coupled Memristive Behavior Based on a Biomaterial Developed Memristive Device. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5537-5547.	4.3	7
5	Superconducting Properties and Crystalline Structure of High-Performance Nb <sub>3</sub> Al Wires Fabricated by RHQ and Mechanical Alloying Methods. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	6
6	Effect of Post-Heat Treatment on Superconducting Properties of Nb <sub>3</sub> Al Wires Prepared With RHQ Process at Different Conditions. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-4.	1.7	4
7	Improvement of Superconducting Properties by Optimized Post-Heat Treatment for Nb <sub>3</sub> Al Wires Fabricated by RHQ. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-4.	1.7	3
8	Quantitative analysis and time-resolved characterization of simulated tokamak exhaust gas by laser-induced breakdown spectroscopy. <i>Plasma Science and Technology</i> , 2022, 24, 045506.	1.5	2
9	Detection of calcium homogeneity distribution in magnesia-aluminum spinel using laser-induced breakdown spectroscopy. <i>Ceramics International</i> , 2022, 48, 27597-27604.	4.8	2
10	Enhancement of flux pinning in GdBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> bulks prepared by nanoparticle-powder-assisted method. <i>Journal of Modern Transportation</i> , 2011, 19, 104-109.	2.5	1
11	Behavior of a superconducting bulk in a running high-Tc superconducting maglev system (I): distribution of magnetic and electric field. <i>Journal of Modern Transportation</i> , 2011, 19, 168-175.	2.5	1
12	CrB <sub>2</sub> Doping Effects on Critical Current Density and Flux Pinning of MgB <sub>2</sub> . <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	1