

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	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
2	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
3	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
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	Effect of Post-Heat Treatment on Superconducting Properties of Nb ₃ Al Wires Prepared With RHQ Process at Different Conditions. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-4.	1.7	4
6	Improvement of Superconducting Properties by Optimized Post-Heat Treatment for Nb ₃ Al Wires Fabricated by RHQ. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-4.	1.7	3
7	CrB ₂ Doping Effects on Critical Current Density and Flux Pinning of MgB ₂ . <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	1
8	Superconducting Properties and Crystalline Structure of High-Performance Nb ₃ Al Wires Fabricated by RHQ and Mechanical Alloying Methods. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	6
9	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
10	Bi ₂ S ₃ -modified TiO ₂ 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
11	Enhancement of flux pinning in GdBa ₂ Cu ₃ O _{7-δ} bulks prepared by nanoparticle-powder-assisted method. <i>Journal of Modern Transportation</i> , 2011, 19, 104-109.	2.5	1
12	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