Dongfeng He

List of Publications by Year
in descending order

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21	161	1307594 7	1125743 13
papers	citations	h-index	g-index

21	21	21	130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radio frequency SQUIDs operating at 77 K with 1 GHz lumped-element tank circuits. Applied Physics Letters, 1998, 72, 969-971.	3.3	37
2	A Magnetic Sensor with Amorphous Wire. Sensors, 2014, 14, 10644-10649.	3.8	36
3	Evaluation of 3D-Printed titanium alloy using eddy current testing with high-sensitivity magnetic sensor. NDT and E International, 2019, 102, 90-95.	3.7	15
4	HTS SQUID magnetometer with SQUID vector reference for operation in unshielded environment. IEEE Transactions on Applied Superconductivity, 1999, 9, 3684-3687.	1.7	11
5	STM-SQUID Probe Microscope Based on an RF SQUID Magnetometer. IEEE Transactions on Applied Superconductivity, 2009, 19, 874-877.	1.7	11
6	PT-Level High-Sensitivity Magnetic Sensor with Amorphous Wire. Sensors, 2020, 20, 161.	3.8	10
7	AMR Sensor and its Application on Nondestructive Evaluation. , 2017, , .		9
8	Detecting the defects of warm-sprayed Ti-6Al-4V coating using Eddy current testing method. NDT and E International, 2022, 125, 102565.	3.7	9
9	Saw-wave excitation eddy-current nde based on hts rf squid. IEEE Transactions on Applied Superconductivity, 2003, 13, 3803-3806.	1.7	6
10	Evaluation of an STM-SQUID Probe Microscope. IEEE Transactions on Applied Superconductivity, 2011, 21, 420-423.	1.7	6
11	Highâ€“Resolution Magnetic Field Measurement Using an STMâ€“SQUID. Physics Procedia, 2012, 36, 300-305.	1.2	3
12	High-Tc dc SQUID Cooled by Pulse-Tube Cooler and Corrosion Measurements. IEEE Transactions on Applied Superconductivity, 2005, 15, 40-43.	1.7	2
13	Low-Temperature Properties of the Magnetic Sensor with Amorphous Wire. Sensors, 2020, 20, 6986.	3.8	2
14	First-order gradiometer of high Tc rf SQUID. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2481-2482.	1.2	1
15	Evaluation of Steel Rebar in Concrete Using Electromagnetic Method. , 0, , .		1
16	A Feedback Method to Improve the Dynamic Range and the Linearity of Magnetoimpedance Magnetic Sensor. Journal of Sensors, 2019, 2019, 1-8.	1.1	1
17	Corrosion Evaluation of Steel Rebar Using Electromagnetic Induction Method. Studies in Applied Electromagnetics and Mechanics, 2020, , .	0.2	1
18	Radio frequency bias current scheme for dc superconducting quantum interference device. IEEE Transactions on Applied Superconductivity, 1999, 9, 3813-3816.	1.7	0

#	Article	IF	Citations
19	Nondestructive material reliability evaluation for Cu-alloy of combustion chamber. Journal of Fluid Science and Technology, 2014, 9, JFST0075-JFST0075.	0.6	0
20	On-Chip Terahertz Near-Field Generation/Detection Scheme. , 2018, , .		0
21	Reducing the Temperature Coefficient of the Magnetic Sensor with FeCoSiB Amorphous Wire. , 2021, , 1-1.		0