

Xu Wang

List of Publications by Year in descending order

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16
papers

111
citations

1478505

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1372567

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16
all docs

16
docs citations

16
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	A 12-Pole K-Band Wideband High-Temperature Superconducting Microstrip Filter. IEEE Transactions on Applied Superconductivity, 2012, 22, 1500106-1500106.	1.7	16
2	Label-free detection of hybridization of oligonucleotides by oblique-incidence reflectivity difference method. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1434-1437.	5.1	15
3	Detection of hybridization of protein microarrays using an oblique-incidence reflectivity difference method. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1230-1233.	5.1	15
4	Label-free detection of oligonucleotide microarrays by oblique-incidence reflectivity difference method. Journal of Applied Physics, 2010, 107, 063109.	2.5	14
5	Detection of protein microarrays by oblique-incidence reflectivity difference technique. Science China: Physics, Mechanics and Astronomy, 2010, 53, 306-309.	5.1	13
6	Gold-Iron Oxide Catalyst for CO Oxidation: Effect of Support Structure. Catalysts, 2016, 6, 37.	3.5	10
7	Movement of oxygen vacancies in oxide film during annealing observed by an optical reflectivity difference technique. Journal of Applied Physics, 2007, 102, .	2.5	6
8	A Tunable High Temperature Superconducting Bandpass Filter Realized Using Semiconductor Varactors. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	6
9	High Tunable $\{m \text{ Ba}\}_{0.05}\{m \text{ Sr}\}_{0.95}\{m \text{ TiO}\}_{3}$ Thin Films for Microwave Applications at Cryogenic Temperature. IEEE Microwave and Wireless Components Letters, 2012, 22, 583-585.	3.2	3
10	Fast corrector power supply design for HEPS. Radiation Detection Technology and Methods, 2020, 4, 56-62.	0.8	3
11	A Compact Four-Pole Tunable HTS Bandpass Filter at VHF Band. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-7.	1.7	3
12	Varactor-Tuned Narrow-Band High Temperature Superconducting Notch Filter. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	2
13	A YBCO/BST/MgO interdigital varactor and an L-band tunable HTS bandpass filter. , 2015, , .		2
14	A tunable high temperature superconducting bandpass filter using semiconductor varactors. , 2013, , .		1
15	The design of the superconducting wiggler power supply system for HEPS-TF. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	1
16	Design of control algorithm for accelerator magnet power supply with large time constant load. Radiation Detection Technology and Methods, 2020, 4, 383-391.	0.8	1