

Kyungrim Kim

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

580
citations

1163117

8
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature Piezoelectric Sensing. Sensors, 2014, 14, 144-169.	3.8	291
2	Scaling effect of flexoelectric (Ba,Sr)TiO ₃ microcantilevers. Physica Status Solidi - Rapid Research Letters, 2011, 5, 350-352.	2.4	73
3	Design, fabrication and characterization of high temperature piezoelectric vibration sensor using YCOB crystals. Sensors and Actuators A: Physical, 2012, 178, 40-48.	4.1	65
4	YCa ₄ O(BO ₃) ₃ (YCOB) high temperature vibration sensor. Journal of Applied Physics, 2011, 109, .	2.5	43
5	Static Force Measurement Using Piezoelectric Sensors. Journal of Sensors, 2021, 2021, 1-8.	1.1	26
6	Surface load induced electrical impedance shift in relaxor-PbTiO ₃ crystal piezoelectric resonators. Applied Physics Letters, 2012, 100, .	3.3	23
7	High-temperature acoustic emission sensing tests using a Yttrium calcium oxyborate sensor. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 805-814.	3.0	20
8	Surface acoustic load sensing using a face-shear PIN-PMN-PT single-crystal resonator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 2548-2554.	3.0	19
9	A Face-Shear Mode Piezoelectric Array Sensor for Elasticity and Force Measurement. Sensors, 2020, 20, 604.	3.8	7
10	High-temperature (> 1000 Å°C) acoustic emission sensor. , 2013, , .		4
11	Face-shear mode ultrasonic tactile sensor array. , 2012, , .		3
12	Piezoelectric accelerometer for high temperature (1300Å°C) sensing. Proceedings of SPIE, 2012, , .	0.8	3
13	High-temperature acoustic emission sensing tests using a Yttrium calcium oxyborate sensor. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 805-814.	3.0	3
14	Acoustic Wave Microsensor Array for Tactile Sensing. , 2013, , .		0
15	Tissue characterization using an acoustic wave tactile sensor array. , 2013, , .		0
16	Crack propagation testing using a YCOB acoustic emission sensor. Proceedings of SPIE, 2014, , .	0.8	0