

Chris Ren

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

472
citations

933447

10
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Similarity of fast and slow earthquakes illuminated by machine learning. Nature Geoscience, 2019, 12, 69-74.	12.9	96
2	Graphene based plasmonic terahertz amplitude modulator operating above 100â€‰MHz. Applied Physics Letters, 2016, 108, .	3.3	83
3	Estimating Fault Friction From Seismic Signals in the Laboratory. Geophysical Research Letters, 2018, 45, 1321-1329.	4.0	57
4	Carrier localization in the vicinity of dislocations in InGaN. Journal of Applied Physics, 2017, 121, .	2.5	44
5	Machine Learning Reveals the Seismic Signature of Eruptive Behavior at Piton de la Fournaise Volcano. Geophysical Research Letters, 2020, 47, e2019GL085523.	4.0	32
6	Vertical leakage mechanism in GaN on Si high electron mobility transistor buffer layers. Journal of Applied Physics, 2018, 124, .	2.5	28
7	Machine Learning Reveals the State of Intermittent Frictional Dynamics in a Sheared Granular Fault. Geophysical Research Letters, 2019, 46, 7395-7403.	4.0	27
8	Ultrafast, Polarized, Single-Photon Emission from m-Plane InGaN Quantum Dots on GaN Nanowires. Nano Letters, 2016, 16, 7779-7785.	9.1	26
9	Polarisation fields in III-nitrides: Effects and control. Materials Science and Technology, 2016, 32, 418-433.	1.6	25
10	Structural impact on the nanoscale optical properties of InGaN core-shell nanorods. Applied Physics Letters, 2017, 110, .	3.3	21
11	Electrophysiological models for the heterogeneous canine atria: Computational platform for studying rapid atrial arrhythmias. , 2011, 2011, 1693-6.		11
12	Analysis of defect-related inhomogeneous electroluminescence in InGaN/GaN QW LEDs. Superlattices and Microstructures, 2016, 99, 118-124.	3.1	7
13	Deep snow: synthesizing remote sensing imagery with generative adversarial nets. , 2020, , .		6
14	Defects in III-nitride microdisk cavities. Semiconductor Science and Technology, 2017, 32, 033002.	2.0	5
15	Structure and composition of nonâ€‰polar (11â€‰20) InGaN nanorings grown by modified droplet epitaxy. Physica Status Solidi (B): Basic Research, 2016, 253, 840-844.	1.5	1
16	Fast Graphene Based Plasmonic Terahertz Amplitude Modulators. , 2016, , .		0