

Robert J Steed

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

416
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	LastQuake: From rapid information to global seismic risk reduction. International Journal of Disaster Risk Reduction, 2018, 28, 32-42.	3.9	74
2	Hybrid Integrated Optical Phase-Lock Loops for Photonic Terahertz Sources. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 210-217.	2.9	51
3	The Importance of Smartphones as Public Earthquake-Information Tools and Tools for the Rapid Engagement with Eyewitnesses: A Case Study of the 2015 Nepal Earthquake Sequence. Seismological Research Letters, 2015, 86, 1587-1592.	1.9	44
4	Extremely sub-wavelength THz metal-dielectric wire microcavities. Optics Express, 2012, 20, 29121.	3.4	36
5	Monolithically integrated heterodyne optical phase-lock loop with RF XOR phase detector. Optics Express, 2011, 19, 20048.	3.4	31
6	Thumbnail-Based Questionnaires for the Rapid and Efficient Collection of Macroseismic Data from Global Earthquakes. Seismological Research Letters, 2017, 88, 72-81.	1.9	29
7	Transient photoconductivity measurements of carrier lifetimes in an InAs ⁺ In _{0.15} Ga _{0.85} As dots-in-a-well detector. Applied Physics Letters, 2007, 90, 103519.	3.3	24
8	Crowdsourcing triggers rapid, reliable earthquake locations. Science Advances, 2019, 5, eaau9824.	10.3	23
9	Citizen Seismology Without Seismologists? Lessons Learned From Mayotte Leading to Improved Collaboration. Frontiers in Communication, 2020, 5, .	1.2	21
10	App Earthquake Detection and Automatic Mapping of Felt Area. Seismological Research Letters, 2019, 90, 305-312.	1.9	16
11	Negative refraction in anisotropic waveguides made from quantum metamaterials. Physical Review B, 2008, 77, .	3.2	12
12	Saturation of intersubband transitions in p-doped GaAs ⁺ AlGaAs quantum wells. Applied Physics Letters, 2008, 92, .	3.3	10
13	Felt Reports for Rapid Mapping of Global Earthquake Damage: The Doughnut Effect?. Seismological Research Letters, 2018, 89, 138-144.	1.9	10
14	Rapid Public Information and Situational Awareness After the November 26, 2019, Albania Earthquake: Lessons Learned From the LastQuake System. Frontiers in Earth Science, 2020, 8, .	1.8	10
15	The Key Role of Eyewitnesses in Rapid Impact Assessment of Global Earthquakes. , 2016, , 601-618.		9
16	A compact tunable coherent terahertz source based on an hybrid integrated optical phase-lock loop. , 2010, , .		6
17	Accurate Locations of Felt Earthquakes Using Crowdsourced Detections. Frontiers in Earth Science, 2020, 8, .	1.8	3
18	When Punjab Cried Wolf: How a Rumor Triggered an "Earthquake" in India. Seismological Research Letters, 2021, 92, 3887-3898.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Angular momentum kinetics in intersubband transitions in semiconductor quantum wells. Physical Review B, 2008, 78, .	3.2	1
20	New applications for microwave photonics. , 2009, , .		0