

Vala Fathipour

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

111
citations

1478505

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1372567

10
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11
all docs

11
docs citations

11
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolated Electron Injection Detectors With High Gain and Record Low Dark Current at Telecom Wavelength. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 65-70.	2.9	25
2	Impact of three-dimensional geometry on the performance of isolated electron-injection infrared detectors. Applied Physics Letters, 2015, 106, .	3.3	19
3	Analytical modeling and numerical simulation of the short-wave infrared electron-injection detectors. Applied Physics Letters, 2016, 108, .	3.3	16
4	Demonstration of Shot-noise-limited Swept Source OCT Without Balanced Detection. Scientific Reports, 2017, 7, 1183.	3.3	13
5	On the Sensitivity of Electron-Injection Detectors at Low Light Level. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	12
6	Advances on Sensitive Electron-Injection Based Cameras for Low-Flux, Short-Wave Infrared Applications. Frontiers in Materials, 2016, 3, .	2.4	9
7	New generation of isolated electron-injection imagers. , 2014, , .		5
8	Analytical and numerical evaluation of electron-injection detector optimized for SWIR photon detection. Journal of Applied Physics, 2017, 121, .	2.5	5
9	Observation of suppressed Auger mechanism in type-I quantum well structures with delocalized electron-hole wavefunctions. AIP Advances, 2015, 5, .	1.3	4
10	New progress in electron-injection detectors for NIR imagers with low noise and high frame rates. Proceedings of SPIE, 2016, , .	0.8	2
11	Detector with internal gain for short-wave infrared ranging applications. Optical Engineering, 2017, 56, 091608.	1.0	1