

Daniel Rozban

List of Publications by Year in descending order

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14
papers

147
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1307594

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1281871

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all docs

14
docs citations

14
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Inexpensive THz Focal Plane Array Imaging Using Miniature Neon Indicator Lamps as Detectors. IEEE Sensors Journal, 2011, 11, 1962-1968.	4.7	41
2	Heterodyne Detection by Miniature Neon Indicator Lamp Glow Discharge Detectors. IEEE Sensors Journal, 2011, 11, 1879-1884.	4.7	24
3	Heterodyne detection at 300 GHz using neon indicator lamp glow discharge detector. Applied Optics, 2013, 52, 4077.	1.8	23
4	Performance quantification of a millimeter-wavelength imaging system based on inexpensive glow-discharge-detector focal-plane array. Applied Optics, 2013, 52, C43.	1.8	16
5	Relaxation spectra of polymers and phenomena of electrical and hydrophobic recovery: Interplay between bulk and surface properties of polymers. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 198-205.	2.1	13
6	Terahertz Frequency Modulated Continuous Wave Radar using Glow Discharge Detector. IEEE Sensors Journal, 2016, , 1-1.	4.7	10
7	Switching and Fast Operation of Glow Discharge Detector for Millimeter Wave Focal Plane Array Imaging Systems. IEEE Sensors Journal, 2015, 15, 6659-6663.	4.7	9
8	Robust, Sensitive, and Inexpensive 2D Focal Plane Array Upconverting MMW Imaging Into the Visible. IEEE Photonics Technology Letters, 2019, 31, 747-750.	2.5	3
9	QPSK MMW Wireless Communication System Based On p-i-n InGaAs Photomixer. Electronics (Switzerland), 2020, 9, 1182.	3.1	3
10	Inexpensive Millimeter-Wave Communication Channel Using Glow Discharge Detector and Satellite Dish Antenna. Electronics (Switzerland), 2020, 9, 677.	3.1	3
11	QPSK detection using glow discharge detector and a photodiode for millimeter-wave and terahertz communication. Microwave and Optical Technology Letters, 2020, 62, 2674-2682.	1.4	2
12	Measurements and simulations of the optical parameters of the Glow Discharge Detector (GDD) Focal Plane Array (FPA) millimeter wavelength imaging system. , 2011, , .		0
13	Up-conversion MMW imaging system based on Glow Discharge Detector row attached to commercial contact image sensor. , 2019, , .		0
14	Performance Enhancement of Inexpensive Glow Discharge Detector Operating in Up-Conversion Mode in Millimeter Wave Detection for Focal Plane Arrays. Applied Sciences (Switzerland), 2021, 11, 9564.	2.5	0