

Maoyuan Li

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

162
citations

1478505

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1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and simulation of high-efficiency GaAs PIN solar cells. Journal of Computational Electronics, 2021, 20, 310-316.	2.5	17
2	An audio transmission system based on capacitive coupling intra-body communication. , 2021, , .		1
3	Ultra-sensitive solution-processed broadband photodetectors based on vertical field-effect transistor. Nanotechnology, 2020, 31, 105203.	2.6	30
4	A Method to Eliminate the Impact of Parasitic Capacitance for Intra-Body Communication using Mach-Zehnder Electro-Optical Modulation. , 2020, , .		0
5	Interlayer of PMMA Doped with Au Nanoparticles for High-Performance Tandem Photodetectors: A Solution to Suppress Dark Current and Maintain High Photocurrent. ACS Applied Materials & Interfaces, 2020, 12, 26153-26160.	8.0	51
6	High-performance solution-processed colloidal quantum dots-based tandem broadband photodetectors with dielectric interlayer. Nanotechnology, 2019, 30, 465203.	2.6	30
7	Comparable Investigation of Characteristics for Implant Intra-Body Communication Based on Galvanic and Capacitive Coupling. IEEE Transactions on Biomedical Circuits and Systems, 2019, 13, 1747-1758.	4.0	18
8	Design of Image Transmission System of Intra-Body Communication Based on Capacitive Coupling. , 2019, , .		1
9	Infrared target detection method based on the receptive field and lateral inhibition of human visual system. Applied Optics, 2017, 56, 8555.	1.8	2
10	The Modeling and Simulation of the Galvanic Coupling Intra-Body Communication via Handshake Channel. Sensors, 2017, 17, 863.	3.8	8
11	The Simulation of the Recharging Method Based on Solar Radiation for an Implantable Biosensor. Sensors, 2016, 16, 1468.	3.8	0
12	Characterization of the implantable intra-body communication based on capacitive coupling by transfer function. , 2016, , .		4