

Yong Song

List of Publications by Year in descending order

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papers

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687363

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365
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#	ARTICLE	IF	CITATIONS
1	Hybrid Bulk-Heterojunction of Colloidal Quantum Dots and Mixed-Halide Perovskite Nanocrystals for High-Performance Self-Powered Broadband Photodetectors. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	69
2	Hybrid Nanocomposites of All-Inorganic Halide Perovskites with Polymers for High-Performance Field-Effect Transistor-Based Photodetectors: An Experimental and Simulation Study. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	19
3	CoGANet: Co-Guided Attention Network for Salient Object Detection. <i>IEEE Photonics Journal</i> , 2022, 14, 1-12.	2.0	0
4	Modeling and simulation of high-efficiency GaAs PIN solar cells. <i>Journal of Computational Electronics</i> , 2021, 20, 310-316.	2.5	17
5	An audio transmission system based on capacitive coupling intra-body communication. , 2021, , .		1
6	L. plantarum, L. fermentum, and B. breve Beads Modified the Intestinal Microbiota and Alleviated the Inflammatory Response in High-Fat Diet-Fed Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 535-544.	3.9	7
7	IR saliency detection via a GCF-SB visual attention framework. <i>Journal of Visual Communication and Image Representation</i> , 2020, 66, 102706.	2.8	2
8	Ultra-sensitive solution-processed broadband photodetectors based on vertical field-effect transistor. <i>Nanotechnology</i> , 2020, 31, 105203.	2.6	30
9	A Method to Eliminate the Impact of Parasitic Capacitance for Intra-Body Communication using Mach-Zehnder Electro-Optical Modulation. , 2020, , .		0
10	An adaptive infrared image segmentation method based on fusion SPCNN. <i>Signal Processing: Image Communication</i> , 2020, 87, 115905.	3.2	4
11	Interlayer of PMMA Doped with Au Nanoparticles for High-Performance Tandem Photodetectors: A Solution to Suppress Dark Current and Maintain High Photocurrent. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26153-26160.	8.0	51
12	Jigsaw Cooperative Learning Trials in Optical Graduate Course. , 2020, , .		0
13	Title is missing!. , 2020, 15, e0234086.		0
14	Title is missing!. , 2020, 15, e0234086.		0
15	Title is missing!. , 2020, 15, e0234086.		0
16	Title is missing!. , 2020, 15, e0234086.		0
17	Title is missing!. , 2020, 15, e0234086.		0
18	Title is missing!. , 2020, 15, e0234086.		0

#	ARTICLE	IF	CITATIONS
19	High-performance solution-processed colloidal quantum dots-based tandem broadband photodetectors with dielectric interlayer. <i>Nanotechnology</i> , 2019, 30, 465203.	2.6	30
20	A Multidirectional-Difference-Hash-Based Image Clutter Metric for Targeting Performance. <i>IEEE Photonics Journal</i> , 2019, 11, 1-10.	2.0	3
21	Comparable Investigation of Characteristics for Implant Intra-Body Communication Based on Galvanic and Capacitive Coupling. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019, 13, 1747-1758.	4.0	18
22	Design of Image Transmission System of Intra-Body Communication Based on Capacitive Coupling. , 2019, , .		1
23	Research on Body Sensor Network Based on the Capacitive Coupling Intra-Body Communication Using a Mach-Zehnder Electro-Optical Sensor. , 2018, , .		1
24	ALI-TM: A moving objects detection algorithm for infrared images with dynamic background. <i>Infrared Physics and Technology</i> , 2018, 93, 205-212.	2.9	1
25	YAP mediates human decidualization of the uterine endometrial stromal cells. <i>Placenta</i> , 2017, 53, 30-35.	1.5	26
26	An infrared target detection algorithm based on lateral inhibition and singular value decomposition. <i>Infrared Physics and Technology</i> , 2017, 85, 238-245.	2.9	12
27	The Modeling and Simulation of the Galvanic Coupling Intra-Body Communication via Handshake Channel. <i>Sensors</i> , 2017, 17, 863.	3.8	8
28	The Simulation of the Recharging Method Based on Solar Radiation for an Implantable Biosensor. <i>Sensors</i> , 2016, 16, 1468.	3.8	0
29	Characterization of the implantable intra-body communication based on capacitive coupling by transfer function. , 2016, , .		4
30	High performance solution-processed infrared photodiode based on ternary PbS _x Se _{1-x} colloidal quantum dots. <i>RSC Advances</i> , 2016, 6, 87730-87737.	3.6	38
31	Simulation of the Recharging Method of Implantable Biosensors Based on a Wearable Incoherent Light Source. <i>Sensors</i> , 2014, 14, 20687-20701.	3.8	8
32	Modeling and Characterization of the Implant Intra-Body Communication Based on Capacitive Coupling Using a Transfer Function Method. <i>Sensors</i> , 2014, 14, 1740-1756.	3.8	25
33	A Finite-Element Simulation of Galvanic Coupling Intra-Body Communication Based on the Whole Human Body. <i>Sensors</i> , 2012, 12, 13567-13582.	3.8	27
34	Signal Transmission in a Human Body Medium-Based Body Sensor Network Using a Mach-Zehnder Electro-Optical Sensor. <i>Sensors</i> , 2012, 12, 16557-16570.	3.8	8
35	Modeling and characterization of the electrostatic coupling intra-body communication based on Mach-Zehnder electro-optical modulation. <i>Optics Express</i> , 2012, 20, 13488.	3.4	17
36	Optoelectronic instrument experiments course: A trial of project-based learning. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
37	The Simulation Method of the Galvanic Coupling Intrabody Communication With Different Signal Transmission Paths. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 1257-1266.	4.7	73