

Dimitars Jevtics

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

314
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic integration of single nanowire devices with on-chip photonics and electronics. Progress in Quantum Electronics, 2022, 85, 100394.	7.0	6
2	Nanowires: a New Horizon for Polarization-resolved Terahertz Time-domain Spectroscopy. , 2021, , .		0
3	Terahertz Full-polarization-state Detection by Nanowires. , 2021, , .		0
4	Spatially dense integration of micron-scale devices from multiple materials on a single chip via transfer-printing. Optical Materials Express, 2021, 11, 3567.	3.0	17
5	Transfer-printing enables multi-material assembly of integrated photonic systems. , 2021, , .		0
6	Enhancing self-assembled colloidal quantum dot microsphere lasers. , 2021, , .		5
7	Sub-micron-accuracy automated position and rotation registration method for transferred devices. , 2021, , .		1
8	Automated Nanoscale Absolute Accuracy Alignment System for Transfer Printing. ACS Applied Nano Materials, 2020, 3, 10326-10332.	5.0	27
9	High-Throughput Electrical Characterization of Nanomaterials from Room to Cryogenic Temperatures. ACS Nano, 2020, 14, 15293-15305.	14.6	5
10	Characterization, Selection, and Microassembly of Nanowire Laser Systems. Nano Letters, 2020, 20, 1862-1868.	9.1	17
11	Three-dimensional cross-nanowire networks recover full terahertz state. Science, 2020, 368, 510-513.	12.6	81
12	High-frequency dynamics of evanescently-coupled nanowire lasers. Scientific Reports, 2019, 9, 6126.	3.3	6
13	Transfer printing of semiconductor nanowire lasers. IET Optoelectronics, 2018, 12, 30-35.	3.3	7
14	Precise Positioning and Orientation of Nanowire Lasers in Regular and Patterned Surfaces. , 2018, , .		2
15	Laterally Coupled Nanowire Lasers: Bifurcations, Dynamics and High-Speed Potential. , 2018, , .		0
16	Vertically Emitting Indium Phosphide Nanowire Lasers. Nano Letters, 2018, 18, 3414-3420.	9.1	33
17	Integration of Semiconductor Nanowire Lasers with Polymeric Waveguide Devices on a Mechanically Flexible Substrate. Nano Letters, 2017, 17, 5990-5994.	9.1	55
18	Transfer printing of semiconductor nanowires. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Transfer Printing of Semiconductor Nanowires with Lasing Emission for Controllable Nanophotonic Device Fabrication. ACS Nano, 2016, 10, 3951-3958.	14.6	50
20	Novel nanoscale transfer printing technique for precise positioning of nanowire lasers. SPIE Newsroom, 0, , .	0.1	2