

Li-Jun Wang

List of Publications by Year in descending order

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papers

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1307594

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times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	High responsivity quantum cascade detectors with bound-to-miniband diagonal transition. Applied Physics Letters, 2021, 119, .	3.3	9
2	High Power Tapered Sampling Grating Distributed Feedback Quantum Cascade Lasers. IEEE Photonics Technology Letters, 2020, 32, 305-308.	2.5	5
3	InP-Based Surface-Emitting Distributed Feedback Lasers Operating at 2004 nm. IEEE Photonics Technology Letters, 2019, 31, 1701-1704.	2.5	3
4	Demonstration of High-Power and Stable Single-Mode in a Quantum Cascade Laser Using Buried Sampled Grating. Nanoscale Research Letters, 2019, 14, 123.	5.7	6
5	Sampled grating terahertz quantum cascade lasers. Applied Physics Letters, 2019, 114, 141105.	3.3	13
6	Anomalous Mode Transitions in High Power Distributed Bragg Reflector Quantum Cascade Lasers. Nanoscale Research Letters, 2019, 14, 331.	5.7	2
7	Tapered Quantum Cascade Laser Arrays Integrated with Talbot Cavities. Nanoscale Research Letters, 2018, 13, 205.	5.7	4
8	High Power Quantum Cascade Laser at $\lambda = 5.1 \mu\text{m}$ Based on Low Strain Compensation Design. Journal of Nanoscience and Nanotechnology, 2018, 18, 7508-7511.	0.9	0
9	Stable Single-Mode Operation of Distributed Feedback Quantum Cascade Laser by Optimized Reflectivity Facet Coatings. Nanoscale Research Letters, 2018, 13, 37.	5.7	7
10	Coupled Ridge Waveguide Substrate-Emitting DFB Quantum Cascade Laser Arrays. IEEE Photonics Technology Letters, 2017, 29, 213-216.	2.5	4
11	High Efficiency, Low Power-Consumption DFB Quantum Cascade Lasers Without Lateral Regrowth. Nanoscale Research Letters, 2017, 12, 281.	5.7	7
12	Low Power Consumption Substrate-Emitting DFB Quantum Cascade Lasers. Nanoscale Research Letters, 2017, 12, 517.	5.7	2
13	A Polarization-Dependent Normal Incident Quantum Cascade Detector Enhanced Via Metamaterial Resonators. Nanoscale Research Letters, 2016, 11, 536.	5.7	6
14	High power coupled ridge waveguide quantum cascade laser arrays. , 2015, , .		0
15	Coupled ridge waveguide distributed feedback quantum cascade laser arrays. Applied Physics Letters, 2015, 106, .	3.3	20
16	Directional collimation of substrate emitting quantum cascade laser by nanopores arrays. Applied Physics Letters, 2014, 104, 052109.	3.3	5
17	Surface emitting quantum cascade lasers operating in continuous-wave mode above 70°C at $\lambda = 4.6 \mu\text{m}$. Applied Physics Letters, 2013, 103, .	3.3	20
18	High-Power Distributed Feedback Terahertz Quantum Cascade Lasers. IEEE Electron Device Letters, 2013, 34, 1412-1414.	3.9	8

#	ARTICLE	IF	CITATIONS
19	Room temperature operation of photonic-crystal distributed-feedback quantum cascade lasers with single longitudinal and lateral mode performance. Applied Physics Letters, 2010, 96, 051112.	3.3	15