

# Li-Jun Wang

## List of Publications by Year in descending order

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19  
papers

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citations

1307594

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1281871

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docs citations

19  
times ranked

112  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	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