

Tsuei-Lian Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

238
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> spectroscopy of high-power vertical-external-cavity surface-emitting lasers. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 1781-1784.	1.5	1
2	Optically pumped external-cavity semiconductor lasers for precision spectroscopy and laser cooling of atomic Hg. , 2013, , .		1
3	High Peak Power Operation of a 1- $\hat{1}$ / ₄ m GaAs-Based Optically Pumped Semiconductor Laser. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 380-382.	2.5	3
4	Strategies for power scaling VECSELS. , 2012, , .		6
5	Influence of non-radiative carrier losses on pulsed and continuous VECSEL performance. , 2012, , .		6
6	Doppler-free spectroscopy of mercury at 2537 nm using a high-power, frequency-quadrupled, optically pumped external-cavity semiconductor laser. <i>Optics Letters</i> , 2011, 36, 61.	3.3	43
7	Design and optimisation of VECSELS for the IR and mid-IR. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
8	Heat Management in High-Power Vertical-External-Cavity Surface-Emitting Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2011, 17, 1772-1778.	2.9	24
9	VECSEL Optimization Using Microscopic Many-Body Physics. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2011, 17, 1753-1762.	2.9	22
10	Predictive Microscopic Modeling of VECSELS. <i>IEEE Journal of Quantum Electronics</i> , 2010, 46, 810-817.	1.9	20
11	High-Power Optically Pumped Semiconductor Laser at 1040 nm. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 661-663.	2.5	67
12	Semi-quantitative Surface Enhanced Raman Scattering Spectroscopic Creatinine Measurement in Human Urine Samples. <i>Optical and Quantum Electronics</i> , 2005, 37, 1415-1422.	3.3	45