Yuanlong Fan

List of Publications by Year
in descending order

26	272	1163117 8	888059 17
papers	citations	h-index	g-index

26	26	26	184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linewidth Sharpening in Optical Frequency Combs via a Gain Switched Semiconductor Laser With External Optical Feedback. Journal of Lightwave Technology, 2021, 39, 105-111.	4.6	7
2	Continuous In-Line Chromium Coating Thickness Measurement Methodologies: An Investigation of Current and Potential Technology. Sensors, 2021, 21, 3340.	3.8	5
3	Transverse mode locking of different frequency-degenerate families based on annular beam pumping. Optics Letters, 2021, 46, 3195.	3.3	9
4	Enhanced narrowband mid-IR thermal radiation enabled by plasmonic stacked gratings. OSA Continuum, 2021, 4, 2481.	1.8	1
5	Characteristics of microwave photonic signal generation using vertical-cavity surface-emitting lasers with optical injection and feedback. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1394.	2.1	11
6	Design and optical characterization of an efficient polarized organic light emitting diode based on refractive index modulation in the emitting layer. Optics Express, 2020, 28, 40131.	3.4	1
7	Numerical Investigation on Feedback Insensitivity in Semiconductor Nanolasers. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	8
8	Low Threshold Gain Visible Semiconductor Nanolasers. , 2019, , .		0
9	Ultrashort pulse generation in a semiconductor laser with strong coherent optical feedback. IET Optoelectronics, 2019, 13, 36-39.	3.3	1
10	Ultrafast Fully Photonic Random Bit Generator. Journal of Lightwave Technology, 2018, 36, 2531-2540.	4.6	40
11	Design of Room Temperature Electrically Pumped Visible Semiconductor Nanolasers. IEEE Journal of Quantum Electronics, 2018, 54, 1-7.	1.9	7
12	Self-balanced real-time photonic scheme for ultrafast random number generation. APL Photonics, 2018, 3, 061301.	5.7	12
13	All-Optical Comparator With a Step-Like Transfer Function. Journal of Lightwave Technology, 2017, 35, 5034-5040.	4.6	12
14	Features of a Self-Mixing Laser Diode Operating Near Relaxation Oscillation. Sensors, 2016, 16, 1546.	3.8	9
15	Eliminating influence of transient oscillations on a self-mixing interferometry. Optical Engineering, 2016, 55, 104102.	1.0	4
16	Self-mixing interferometry and its applications. , 2016, , .		1
17	Simple method for measuring the linewidth enhancement factor of semiconductor lasers. Applied Optics, 2015, 54, 10295.	2.1	11
18	A novel normalization method for improving the sensing performance of a self-mixing interferometry. , 2015, , .		0

#	Article	IF	Citations
19	Analysis on the transient of a self-mixing interferometry sensing system. , 2015, , .		0
20	Stability Limit of a Semiconductor Laser With Optical Feedback. IEEE Journal of Quantum Electronics, 2015, 51, 1-9.	1.9	1
21	Influence of the nonlinear gain on the stability limit of a semiconductor laser with external feedback. , 2014, , .		0
22	Dynamic stability analysis for a self-mixing interferometry system. Optics Express, 2014, 22, 29260.	3.4	18
23	Measuring Young's modulus using a self-mixing laser diode. , 2014, , .		2
24	Improving the measurement performance for a self-mixing interferometry-based displacement sensing system. Applied Optics, 2011, 50, 5064.	2.1	109
25	A displacement reconstruction algorithm used for optical feedback self mixing interferometry system under different feedback levels. Proceedings of SPIE, 2010, , .	0.8	2
26	An estimation method for feedback level factor C of a self-mixing interferometry system. , 2010, , .		1