StÃ©phane Blin

List of Publications by Year
in descending order

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22	128	1306789 7	1281420 11
papers	citations	h-index	g-index

22	22	22	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	280 GHz Radiation Source Driven by a 1064nm Continuous-Wave Dual-Frequency Vertical External Cavity Semiconductor Laser. , 2021, , .		3
2	Double-Heterojunction Bipolar Transistor as THz Detector for Communications. , 2021, , .		0
3	Epsilon near-zero all-optical terahertz modulator. Applied Physics Letters, 2020, 117, .	1.5	7
4	3-D Imaging of Materials at 0.1 THz for Inner- Defect Detection Using a Frequency-Modulated Continuous-Wave Radar. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5843-5852.	2.4	8
5	Semiconductor disk laser in bi-frequency operation by laser ablation micromachining of a laser mirror. Optics Express, 2019, 27, 22316.	1.7	5
6	Upscaling the output power of a photo-mixing THz source driven by a dual-frequency laser operating on two transverse modes. , 2019, , .		0
7	Towards transverse multiplexing of THz photo-driven emitters driven by a dual-transverse-mode dual-frequency laser. , 2019, , .		0
8	Coherent and Tunable THz Emission Driven by an Integrated IIIâ€“V Semiconductor Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-11.	1.9	17
9	Terahertz Heterodyne Communication Using GaAs Field-Effect Transistor Receiver. IEEE Electron Device Letters, 2017, 38, 20-23.	2.2	13
10	Terahertz transmission and effective gain measurement of two-dimensional electron gas. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1454-1458.	0.8	2
11	THz transmission modulated by a dc-bias through GaN quantum well structure. Proceedings of SPIE, 2012, , .	0.8	0
12	Voltage-controlled sub-terahertz radiation transmission through GaN quantum well structure. Applied Physics Letters, 2011, 99, 082101.	1.5	13
13	Voltage Controlled Terahertz Transmission Enhancement through GaN Quantum Wells. Acta Physica Polonica A, 2011, 119, 107-110.	0.2	1
14	Measurements of THz emission from nanometric-size transistors. , 2010, , .		0
15	Power- or frequency-driven hysteresis for continuous-wave optically injected distributed-feedback semiconductor lasers. Optics Express, 2009, 17, 9288.	1.7	6
16	Fiber-optic gyroscope operated with a frequency-modulated laser. , 2008, , .		5
17	Noise Analysis of an Air-Core Fiber Optic Gyroscope. IEEE Photonics Technology Letters, 2007, 19, 1520-1522.	1.3	18
18	Pickup suppression in sagnac-based fiber-optic acoustic sensor array. Journal of Lightwave Technology, 2006, 24, 2889-2897.	2.7	8

#	Article	IF	Citations
19	Pickup suppression in Sagnac-based fiber-optic acoustic sensor array. , 2005, , .		3
20	Optical injection in semiconductor or fiber lasers: a comparison, the influence of coherence. , 2004, 5452, 534.		1
21	Phase and spectral properties of optically injected semiconductor lasers. Comptes Rendus Physique, 2003, 4, 687-699.	0.3	13
22	Amplification process in a laser injected by a narrow band weak signal. Europhysics Letters, 2000, 52, 60-65.	0.7	5