

# Stéphane Blin

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Noise Analysis of an Air-Core Fiber Optic Gyroscope. IEEE Photonics Technology Letters, 2007, 19, 1520-1522.	1.3	18
2	Coherent and Tunable THz Emission Driven by an Integrated III-V Semiconductor Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-11.	1.9	17
3	Phase and spectral properties of optically injected semiconductor lasers. Comptes Rendus Physique, 2003, 4, 687-699.	0.3	13
4	Voltage-controlled sub-terahertz radiation transmission through GaN quantum well structure. Applied Physics Letters, 2011, 99, 082101.	1.5	13
5	Terahertz Heterodyne Communication Using GaAs Field-Effect Transistor Receiver. IEEE Electron Device Letters, 2017, 38, 20-23.	2.2	13
6	Pickup suppression in sagnac-based fiber-optic acoustic sensor array. Journal of Lightwave Technology, 2006, 24, 2889-2897.	2.7	8
7	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
8	Epsilon near-zero all-optical terahertz modulator. Applied Physics Letters, 2020, 117, .	1.5	7
9	Power- or frequency-driven hysteresis for continuous-wave optically injected distributed-feedback semiconductor lasers. Optics Express, 2009, 17, 9288.	1.7	6
10	Amplification process in a laser injected by a narrow band weak signal. Europhysics Letters, 2000, 52, 60-65.	0.7	5
11	Fiber-optic gyroscope operated with a frequency-modulated laser. , 2008, , .		5
12	Semiconductor disk laser in bi-frequency operation by laser ablation micromachining of a laser mirror. Optics Express, 2019, 27, 22316.	1.7	5
13	Pickup suppression in Sagnac-based fiber-optic acoustic sensor array. , 2005, , .		3
14	280 GHz Radiation Source Driven by a 1064nm Continuous-Wave Dual-Frequency Vertical External Cavity Semiconductor Laser. , 2021, , .		3
15	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
16	Optical injection in semiconductor or fiber lasers: a comparison, the influence of coherence. , 2004, 5452, 534.		1
17	Voltage Controlled Terahertz Transmission Enhancement through GaN Quantum Wells. Acta Physica Polonica A, 2011, 119, 107-110.	0.2	1
18	Measurements of THz emission from nanometric-size transistors. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	THz transmission modulated by a dc-bias through GaN quantum well structure. Proceedings of SPIE, 2012, , .	0.8	0
20	Double-Heterojunction Bipolar Transistor as THz Detector for Communications. , 2021, , .		0
21	Upscaling the output power of a photo-mixing THz source driven by a dual-frequency laser operating on two transverse modes. , 2019, , .		0
22	Towards transverse multiplexing of THz photo-driven emitters driven by a dual-transverse-mode dual-frequency laser. , 2019, , .		0