Sbastien Forget

List of Publications by Year in Descending Order

57 papers	1,375 citations	20 h-index	36 g-index
75 ext. papers	1,584 ext. citations	3.1 avg, IF	4.43 L-index

#	Paper	IF	Citations
57	Highly photo-stable, kHz-repetition-rate, diode pumped circulation-free liquid dye laser with thermal lens management. *Applied Physics Letters*, **2022**, 120, 113301	3.3	
56	Enhanced Light–Matter Interaction and Polariton Relaxation by the Control of Molecular Orientation. *Advanced Optical Materials*, **2021**, 9, 2101048	7.9	3
55	High performance planar microcavity organic semiconductor lasers based on thermally evaporated top distributed Bragg reflector. *Applied Physics Letters*, **2020**, 117, 153301	3.3	3
54	Investigation of Hydrogen Peroxide Formation After Underwater Plasma Discharge. *Plasma Chemistry and Plasma Processing*, **2020**, 40, 955-969	3.5	4
53	Temporal dynamics of diode-pumped circulation-free liquid dye lasers. *Journal of Applied Physics*, **2020**, 128, 015501	2.4	3
52	Enhancing brightness of Lambertian light sources with luminescent concentrators: the light extraction issue. *Optics Express*, **2019**, 27, 11830-11843	3.2	4
51	Vertical External-Cavity Organic Lasers: State of the Art and Application Perspectives **2018**, 245-284		
50	High-radiance light sources with LED-pumped luminescent concentrators applied to pump Nd:YAG passively Q-switched laser. *Optics and Laser Technology*, **2017**, 96, 7-12	4.1	13
49	An ultra-narrow linewidth solution-processed organic laser. *Light: Science and Applications*, **2016**, 5, e16026	12.2	22
48	Inkjet-printed vertically emitting solid-state organic lasers. *Journal of Applied Physics*, **2016**, 119, 173101	2.4	5
47	Light-emitting diode pumped luminescent concentrators: a new opportunity for low-cost solid-state lasers. *Optica*, **2016**, 3, 465	8.5	27
46	High brightness diode-pumped organic solid-state laser. *Applied Physics Letters*, **2015**, 106, 051112	3.3	23
45	Gain properties of dye-doped polymer thin films. *Physical Review B*, **2015**, 92,	3.3	17
44	Thermal effects in thin-film organic solid-state lasers. *Optics Express*, **2014**, 22, 30092-107	3.2	10
43	White organic light-emitting diodes with an ultra-thin premixed emitting layer. *Thin Solid Films*, **2013**, 542, 263-269	2.1	7
42	Organic Solid-State Lasers. *Springer Series in Optical Sciences*, **2013**,	0.5	54
41	Broadly tunable (440–670 nm) solid-state organic laser with disposable capsules. *Applied Physics Letters*, **2013**, 102, 041112	3.3	21

40	Fundamentals of Organic Lasers. *Springer Series in Optical Sciences*, **2013**, 13-73	0.5	2
39	Organic Lasers Resonators. *Springer Series in Optical Sciences*, **2013**, 107-130	0.5	2
38	Organic Materials for Solid-State Lasers. *Springer Series in Optical Sciences*, **2013**, 75-106	0.5	
37	Towards Applications of Organic Solid-State Lasers. *Springer Series in Optical Sciences*, **2013**, 151-166	0.5	
36	Novel Concepts for Organic Lasers. *Springer Series in Optical Sciences*, **2013**, 131-149	0.5	
35	Recent advances in solid-state organic lasers. *Polymer International*, **2012**, 61, 390-406	3.2	258
34	Laser turn-on behavior in organic vertical-external cavity surface-emitting lasers **2012**,		1
33	Towards polarization controlled organic micro-lasers **2012**,		2
32	Mlanome familial´: lâge jeune au diagnostic du mlanome et la survenue de mlanomes primitifs multiples sont des facteurs prdictifs de mutations de CDKN2A dans les familles ˆdeux cas. *Annales De Dermatologie Et De Venereologie*, **2012**, 139, B111	0.1	
31	Polarization properties of solid-state organic lasers. *Physical Review A*, **2012**, 86,	2.6	18
30	Analytical study of vertical external-cavity surface-emitting organic lasers. *EPJ Applied Physics*, **2011** , 56, 34108	1	11
29	Tunable ultraviolet vertically-emitting organic laser. *Applied Physics Letters*, **2011**, 98, 131102	3.3	21
28	Implementation of PT symmetric devices using plasmonics: principle and applications. *Optics Express*, **2011**, 19, 18004-19	3.2	151
27	Highly efficient, diffraction-limited laser emission from a vertical external-cavity surface-emitting organic laser. *Optics Letters*, **2010**, 35, 1968-70	2.9	32
26	Red-emitting fluorescent organic light emitting diodes with low sensitivity to self-quenching. *Journal of Applied Physics*, **2010**, 108, 064509	2.4	27
25	Comment on â€gain coefficient method for amplified spontaneous emission in thin waveguided film of a conjugated polymerâ€[Appl. Phys. Lett. 93, 163307 (2008)]. *Applied Physics Letters*, **2009**, 94, 106101	3.3	1
24	Laser operation in nondoped thin films made of a small-molecule organic red-emitter. *Applied Physics Letters*, **2009**, 95, 033305	3.3	33
23	Diffusion of triplet excitons in an operational organic light-emitting diode. *Physical Review B*, **2009**, 79,	3.3	38

22	Measurement of triplet exciton diffusion in the context of organic lasers **2008**,		1
21	Doped and non-doped organic light-emitting diodes based on a yellow carbazole emitter into a blue-emitting matrix. *Synthetic Metals*, **2007**, 157, 198-204	3.6	17
20	Enhanced generation of vacuum-ultraviolet radiation by four-wave mixing in mercury using pulsed laser vaporization. *Applied Physics B: Lasers and Optics*, **2007**, 89, 223-229	1.8	2
19	Study of laser vaporization of mercury: application to the energy enhancement of a VUV coherent source. *Annales De Physique*, **2007**, 32, 95-98		
18	Passively Q-switched diode-pumped Cr4+:YAG/Nd3+:GdVO4 monolithic microchip laser. *Optics Communications*, **2006**, 259, 816-819	1.9	40
17	Efficient diode-pumped intracavity frequency-doubled CW Nd:YLF laser emitting in the red. *Optics and Laser Technology*, **2006**, 38, 626-630	4.1	12
16	On thermal effects in solid-state lasers: The case of ytterbium-doped materials. *Progress in Quantum Electronics*, **2006**, 30, 89-153	8.9	250
15	Highly efficient multilayer organic pure blue light emitting diodes with substituted carbazoles compounds in the emitting layer. *Journal Physics D: Applied Physics*, **2006**, 39, 917-922	2.9	21
14	White organic light-emitting diodes with fine chromaticity tuning via ultrathin layer position shifting. *Applied Physics Letters*, **2006**, 89, 183513	3.3	58
13	High-power spatial singlemode quantum cascade lasers at 8.9 [micro sign]m. *Electronics Letters*, **2005**, 41, 418	1	2
12	High-resolution absolute temperature mapping of laser crystals in diode-end-pumped configuration **2005**,		4
11	High-power room temperature emission quantum cascade lasers at /spl lambda/=9 /spl mu/m. *IEEE Journal of Quantum Electronics*, **2005**, 41, 1430-1438	1.9	17
10	Fluorescence lifetime imaging with a low-repetition-rate passively mode-locked diode-pumped Nd:YVO4 oscillator. *Optics Letters*, **2005**, 30, 168-70	2.9	27
9	Lasers solides pomp§ par diode ſmettant des impulsions picosecondes ˆhaute cadence dans l'ultraviolet. *European Physical Journal Special Topics*, **2005**, 127, 15-19		
8	Direct and absolute temperature mapping and heat transfer measurements in diode-end-pumped Yb:YAG. *Applied Physics B: Lasers and Optics*, **2004**, 79, 221-224	1.8	27
7	Mesure directe de la distribution de tempſature dans un cristal laser par thermographie infrarouge. *European Physical Journal Special Topics*, **2004**, 119, 183-184		
6	Laser picoseconde ˆcavit'gànte. *European Physical Journal Special Topics*, **2004**, 119, 253-254		
5	Diode-pumped sub-ns ultraviolet laser system operating at 1 MHz **2003**, 369		

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4	Picosecond laser source at 1 MHz with continuous tunability in the visible red band. *Optics Communications*, **2003**, 220, 187-192	1.9	11
3	Passively mode-locked diode-pumped Nd:YVO4 oscillator operating at an ultralow repetition rate. *Optics Letters*, **2003**, 28, 1838-40	2.9	32
2	A new 3D multipass amplifier based on Nd:YAG or Nd:YVO4 crystals. *Applied Physics B: Lasers and Optics*, **2002**, 75, 481-485	1.8	13
1	Organic Light-Emitting Diodes309-350		