Patrick Georges

List of Publications by Citations

384 papers	8,866 citations	49 h-index	73 g-index
560 ext. papers	10,721 ext. citations	2.7 avg, IF	5.66 L-index

#	Paper	IF	Citations
384	On thermal effects in solid-state lasers: The case of ytterbium-doped materials. *Progress in Quantum Electronics*, **2006**, 30, 89-153	9.1	259
383	Detection of single photoluminescent diamond nanoparticles in cells and study of the internalization pathway. *Small*, **2008**, 4, 2236-9	11	179
382	Femtosecond laser excitation of the semiconductor-metal phase transition in VO2. *Applied Physics Letters*, **1994**, 65, 1507-1509	3.4	165
381	47-fs diode-pumped Yb3+:CaGdAlO4 laser. *Optics Letters*, **2006**, 31, 119-21	3	153
380	High-power diode-pumped Yb3+:CaF2 femtosecond laser. *Optics Letters*, **2004**, 29, 2767-9	3	144
379	Diode-pumped Yb:Sr(3)Y(BO(3))(3) femtosecond laser. *Optics Letters*, **2002**, 27, 197-9	3	141
378	Diode-pumped Yb:GGG laser: comparison with Yb:YAG. *Optical Materials*, **2003**, 22, 99-106	3.3	129
377	Perylene- and pyrromethene-doped xerogel for a pulsed laser. *Applied Optics*, **1995**, 34, 428-31	1.7	117
376	Single-shot measurement of a 52-fs pulse. *Applied Optics*, **1987**, 26, 4528-31	1.7	116
375	Generation of 90-fs pulses from a mode-locked diode-pumped Yb(3+):Ca(4)GdO(BO(3))(3) laser. *Optics Letters*, **2000**, 25, 423-5	3	115
374	Efficient laser action of Yb:LSO and Yb:YSO oxyorthosilicates crystals under high-power diode-pumping. *Applied Physics B: Lasers and Optics*, **2005**, 80, 171-176	1.9	114
373	High-power tunable diode-pumped Yb3+:CaF2 laser. *Optics Letters*, **2004**, 29, 1879-81	3	113
372	The Apollon 10 PW laser: experimental and theoretical investigation of the temporal characteristics. *High Power Laser Science and Engineering*, **2016**, 4,	4.3	109
371	Toward millions of laser pulses with pyrromethene- and perylene-doped xerogels. *Applied Optics*, **1997**, 36, 6760-3	1.7	108
370	Efficient diode-pumped Yb3+:Y2SiO5 and Yb3+:Lu2SiO5 high-power femtosecond laser operation. *Optics Letters*, **2006**, 31, 1555-7	3	108
369	Efficient tunable solid-state laser near 630 nm using sulforhodamine 640-doped silica gel. *Optics Letters*, **1989**, 14, 785-7	3	107
368	On Yb:CaF_2 and Yb:SrF_2: review of spectroscopic and thermal properties and their impact on femtosecond and high power laser performance [Invited]. *Optical Materials Express*, **2011**, 1, 489	2.6	103

367	Design and current progress of the Apollon 10 PW project. *High Power Laser Science and Engineering*, **2015**, 3,	4.3	99
366	491 nm generation by sum-frequency mixing of diode pumped neodymium lasers. *Optics Express*, **2005**, 13, 5653-61	3.3	97
365	32-fs Kerr-lens mode-locked Yb:CaGdAlO□oscillator optically pumped by a bright fiber laser. *Optics Letters*, **2014**, 39, 6001-4	3	94
364	Thermal lensing in diode-pumped ytterbium Lasers-Part I: theoretical analysis and wavefront measurements. *IEEE Journal of Quantum Electronics*, **2004**, 40, 1217-1234	2	88
363	New green self-frequency-doubling diode-pumped Nd:Ca4GdO(BO3)3 laser. *Applied Physics B: Lasers and Optics*, **1998**, 67, 533-535	1.9	75
362	Coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. *Optics Letters*, **2011**, 36, 621-3	3	73
361	Spectroscopy and efficient laser action from diode pumping of a new broadly tunable crystal: Yb^3+:Sr_3 Y(BO_3)_3. *Journal of the Optical Society of America B: Optical Physics*, **2002**, 19, 1083	1.7	73
360	Spectroscopic properties and laser performances of Yb:YCOB and potential of the Yb:LaCOB material. *Optical Materials*, **2001**, 16, 181-188	3.3	72
359	Heterogeneity of diffusion inside microbial biofilms determined by fluorescence correlation spectroscopy under two-photon excitation. *Photochemistry and Photobiology*, **2002**, 75, 570-8	3.6	68
358	New laser crystals for the generation of ultrashort pulses. *Comptes Rendus Physique*, **2007**, 8, 153-164	1.4	66
357	Microjoule femtosecond fiber laser at 1.6 microm for corneal surgery applications. *Optics Letters*, **2009**, 34, 1991-3	3	65
356	Continuous-wave and femtosecond laser operation of Yb:CaGdAlO4 under high-power diode pumping. *Optics Letters*, **2007**, 32, 1962-4	3	64
355	Stretcher-free high energy nonlinear amplification of femtosecond pulses in rod-type fibers. *Optics Letters*, **2008**, 33, 107-9	3	63
354	Reverse saturable absorption in solid xerogel matrices. *Applied Physics Letters*, **1993**, 62, 1721-1723	3.4	63
353	Femtosecond laser excitation dynamics of the semiconductor-metal phase transition in VO2. *Journal of Applied Physics*, **1996**, 79, 2404-2408	2.5	62
352	Femtosecond fiber chirped- and divided-pulse amplification system. *Optics Letters*, **2013**, 38, 106-8	3	61
351	Theoretical and experimental investigations of a diode-pumped quasi-three-level laser: the Yb/sup 3+/-doped Ca/sub 4/GdO(BO/sub 3/)/sub 3/ (Yb:GdCOB) laser. *IEEE Journal of Quantum Electronics*, **2000**, 36, 598-606	2	61
350	Yb:YAG single crystal fiber power amplifier for femtosecond sources. *Optics Letters*, **2013**, 38, 109-11	3	59

349	Apatite-structure crystal, Yb(3+):SrY(4)(SiO(4))(3)O, for the development of diode-pumped femtosecond lasers. *Optics Letters*, **2002**, 27, 1914-6	3	58
348	High-power laser with Nd:YAG single-crystal fiber grown by the micro-pulling-down technique. *Optics Letters*, **2006**, 31, 3468-70	3	57
347	Femtosecond Yb:CaGdAlO4 thin-disk oscillator. *Optics Letters*, **2012**, 37, 3984-6	3	55
346	250 W single-crystal fiber Yb:YAG laser. *Optics Letters*, **2012**, 37, 2898-900	3	53
345	Visible supercontinuum generation controlled by intermodal four-wave mixing in microstructured fiber. *Optics Letters*, **2007**, 32, 2173-5	3	53
344	Nonlinear temporal compression in multipass cells: theory. *Journal of the Optical Society of America B: Optical Physics*, **2017**, 34, 1340	1.7	52
343	Simultaneous dual-band ultra-high resolution full-field optical coherence tomography. *Optics Express*, **2008**, 16, 19434-46	3.3	52
342	Dual-color deep-tissue three-photon microscopy with a multiband infrared laser. *Light: Science and Applications*, **2018**, 7, 12	16.7	52
341	Diode-pumped 99 fs Yb:CaF2 oscillator. *Optics Letters*, **2009**, 34, 1474-6	3	51
340	Z-scan measurements of the nonlinear refractive indices of novel Yb-doped laser crystal hosts. *Applied Physics B: Lasers and Optics*, **2005**, 80, 199-201	1.9	51
339	Multiwatt, tunable, diode-pumped CW Yb:GdCOB laser. *Applied Physics B: Lasers and Optics*, **2001**, 72, 389-393	1.9	51
338	Highly efficient Nd:YVO4 laser by direct in-band diode pumping at 914 nm. *Optics Letters*, **2009**, 34, 2159-61	3	50
337	Thermal behaviour of ytterbium-doped fluorite crystals under high power pumping. *Optics Express*, **2008**, 16, 10098-109	3.3	50
336	High-power Yb:YAG single-crystal fiber amplifiers for femtosecond lasers in cylindrical polarization. *Optics Letters*, **2015**, 40, 2517-20	3	49
335	High-brightness fiber laser-pumped 68 fs-2.3 W Kerr-lens mode-locked Yb:CaF2 oscillator. *Optics Letters*, **2013**, 38, 4008-10	3	49
334	Efficient, tunable, zero-line diode-pumped, continuous-wave Yb^3+:Ca_4LnO(BO_3)_3 (Ln = Gd, Y) lasers at room temperature and application to miniature lasers. *Journal of the Optical Society of America B: Optical Physics*, **2000**, 17, 18	1.7	49
333	Temperature dependence of the emission cross section of Nd:YVO_4 around 1064˙nm and consequences on laser operation. *Journal of the Optical Society of America B: Optical Physics*, **2011**, 28, 972	1.7	48
332	Generation of 63 fs 4.1 MW peak power pulses from a parabolic fiber amplifier operated beyond the gain bandwidth limit. *Optics Letters*, **2007**, 32, 2520-2	3	48

331	Ultra-short-pulsed and highly-efficient diode-pumped Yb:SYS mode-locked oscillators. *Optics Express*, **2004**, 12, 5005-12	3.3	48
330	Thermal lensing in diode-pumped ytterbium Lasers-Part II: evaluation of quantum efficiencies and thermo-optic coefficients. *IEEE Journal of Quantum Electronics*, **2004**, 40, 1235-1243	2	48
329	Nonlinear pulse compression based on a gas-filled multipass cell. *Optics Letters*, **2018**, 43, 2252-2255	3	47
328	Frequency doubling of an efficient continuous wave single-mode Yb-doped fiber laser at 978 nm in a periodically-poled MgO:LiNbO3 waveguide. *Optics Express*, **2005**, 13, 6974-9	3.3	47
327	Thermo-optic characterization of Yb:CaGdAlO_4 laser crystal. *Optical Materials Express*, **2014**, 4, 2241	2.6	45
326	Nd:GdVO4 as a three-level laser at 879 nm. *Optics Letters*, **2006**, 31, 2731-3	3	45
325	Overview of the laser and non-linear optical properties of calcium-gadolinium-oxo-borate Ca4GdO(BO3)3. *Journal of Alloys and Compounds*, **2000**, 303-304, 401-408	5.7	45
324	Thermal conductivity measurements of laser crystals by infrared thermography. Application to Nd:doped crystals. *Optics Express*, **2008**, 16, 8995-9010	3.3	43
323	Efficient and tunable continuous-wave diode-pumped Yb3+:Ca4GdO(BO3)3 laser. *Applied Optics*, **1999**, 38, 976-9	1.7	43
322	Passively Q-switched diode-pumped Cr4+:YAG/Nd3+:GdVO4 monolithic microchip laser. *Optics Communications*, **2006**, 259, 816-819	2	41
321	Passively Q-switched diode-pumped Er:YAG solid-state laser. *Optics Letters*, **2013**, 38, 938-40	3	40
320	High power laser operation with crystal fibers. *Applied Physics B: Lasers and Optics*, **2009**, 97, 263-273	1.9	39
319	Single-shot characterization of ultrashort light pulses. *Journal Physics D: Applied Physics*, **1991**, 24, 1225-1233	3	39
318	Coherent beam combining with an ultrafast multicore Yb-doped fiber amplifier. *Optics Express*, **2015**, 23, 5406-16	3.3	38
317	Laser performance of diode-pumped Yb:CaF_2 optical ceramics synthesized using an energy-efficient process. *Optica*, **2015**, 2, 288	8.6	38
316	Supercontinuum-seeded few-cycle mid-infrared OPCPA system. *Optics Express*, **2016**, 24, 26494-26502	3.3	38
315	Characteristics of laser operation at 1064 nm in Nd:YVO_4 under diode pumping at 808 and 914 nm. *Journal of the Optical Society of America B: Optical Physics*, **2011**, 28, 52	1.7	37
314	Design and Simulation of Next-Generation High-Power, High-Brightness Laser Diodes. *IEEE Journal of Selected Topics in Quantum Electronics*, **2009**, 15, 993-1008	3.8	37

313	Thermal lensing measurements in diode-pumped Yb-doped GdCOB, YCOB, YSO, YAG and KGW. *Optical Materials*, **2003**, 22, 129-137	3.3	37
312	Nd:GdCOB: overview of its infrared, green and blue laser performances. *Optical Materials*, **2001**, 16, 213-220	3.3	37
311	Short-pulse and high-repetition-rate diode-pumped Yb:CaF2 regenerative amplifier. *Optics Letters*, **2010**, 35, 2415-7	3	36
310	34 W continuous wave Nd:YAG single crystal fiber laser emitting at 946 nm. *Applied Physics B: Lasers and Optics*, **2011**, 104, 1-4	1.9	35
309	Highly efficient, high-power, broadly tunable, cryogenically cooled and diode-pumped Yb:CaF2. *Optics Letters*, **2010**, 35, 3757-9	3	35
308	Ultrashort pulse laser surgery of the cornea and the sclera. *Journal of Optics (United Kingdom)*, **2010** , 12, 084002	1.7	35
307	Numerical and experimental study of gain narrowing in ytterbium-based regenerative amplifiers. *IEEE Journal of Quantum Electronics*, **2005**, 41, 415-425	2	35
306	Extreme light infrastructure: laser architecture and major challenges **2010**,		33
305	All-optical gel memory. *Optics Letters*, **1992**, 17, 218-20	3	33
304	High-energy few-cycle Yb-doped fiber amplifier source based on a single nonlinear compression stage. *Optics Express*, **2017**, 25, 7530-7537	3.3	32
303	1064 nm Nd:YVO4 laser intracavity pumped at 912 nm and sum-frequency mixing for an emission at 491 nm. *Optics Letters*, **2008**, 33, 1632-4	3	32
302	First diode-pumped Yb-doped solid-state laser continuously tunable between 1000 and 1010 nm. *Applied Physics B: Lasers and Optics*, **2004**, 78, 13-18	1.9	32
301	Passively mode-locked diode-pumped Nd:YVO4 oscillator operating at an ultralow repetition rate. *Optics Letters*, **2003**, 28, 1838-40	3	32
300	High-contrast 10 fs OPCPA-based front end for multi-PW laser chains. *Optics Letters*, **2017**, 42, 3530-3533	3	31
299	Nd:YAG single-crystal fiber as high peak power amplifier of pulses below one nanosecond. *Optics Express*, **2011**, 19, 11667-79	3.3	31
298	Complete measurement of fiber modal content by wavefront analysis. *Optics Express*, **2012**, 20, 4074-84	3.3	31
297	Theoretical and experimental investigations of small-signal gain for a diode-pumped Q-switched Cr:LiSAF laser. *IEEE Journal of Quantum Electronics*, **1997**, 33, 269-278	2	31
296	Narrow-line coherently combined tapered laser diodes in a Talbot external cavity with a volume Bragg grating. *Applied Physics Letters*, **2008**, 93, 211102	3.4	31

295	Single-frequency cw vertical external cavity surface emitting semiconductor laser at 1003 nm and 501 nm by intracavity frequency doubling. *Applied Physics B: Lasers and Optics*, **2007**, 86, 503-510	1.9	31
294	High energy, single-mode, narrow-linewidth fiber laser source using stimulated Brillouin scattering beam cleanup. *Optics Express*, **2007**, 15, 6464-9	3.3	31
293	Imaging in diffuse media with ultrafast degenerate optical parametric amplification. *Optics Letters*, **1995**, 20, 231-3	3	31
292	Magic mode switching in Yb:CaGdAlO4 laser under high pump power. *Optics Letters*, **2013**, 38, 4138-41	3	30
291	Passive coherent beam combining of two femtosecond fiber chirped-pulse amplifiers. *Optics Letters*, **2011**, 36, 4023-5	3	30
290	Fluorescence lifetime imaging with a low-repetition-rate passively mode-locked diode-pumped Nd:YVO4 oscillator. *Optics Letters*, **2005**, 30, 168-70	3	29
289	Fiber optical parametric chirped-pulse amplification in the femtosecond regime. *Optics Express*, **2006**, 14, 2783-90	3.3	29
288	Diode-pumped self-frequency-doubling Nd:GdCa_4O(BO_3)_3 lasers: toward green microchip lasers. *Journal of the Optical Society of America B: Optical Physics*, **2000**, 17, 1526	1.7	29
287	Motion artifact suppression in full-field optical coherence tomography. *Applied Optics*, **2010**, 49, 1480-8	0.2	28
286	Apollon-10P: Status and implementation **2012**,		28
285	Passive coherent combination of two ultrafast rod type fiber chirped pulse amplifiers. *Optics Letters*, **2012**, 37, 1460-2	3	28
284	High peak-power stretcher-free femtosecond fiber amplifier using passive spatio-temporal coherent combining. *Optics Express*, **2012**, 20, 21627-34	3.3	28
283	Femtosecond laser Fourier transform absorption spectroscopy. *Optics Letters*, **2007**, 32, 1677-9	3	28
282	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	1.9	28
281	Efficient cw operation of diode-pumped Nd:YLF lasers at 1312.0 and 1322.6 nm for a silver atom optical clock. *Optics Communications*, **2003**, 217, 357-362	2	28
280	Observation of magneto-optical second-harmonic generation with surface plasmon excitation in ultrathin Au/Co/Au films. *Applied Physics Letters*, **1999**, 75, 190-192	3.4	28
279	Light-emitting diode pumped luminescent concentrators: a new opportunity for low-cost solid-state lasers. *Optica*, **2016**, 3, 465	8.6	28
278	Probing interface magnetism in the FeMn/NiFe exchange bias system using magnetic second-harmonic generation. *Europhysics Letters*, **2003**, 63, 819-825	1.6	27

277	Organic-inorganic solids by sol-gel processing: optical applications. *Journal of Optics*, **1998**, 7, 169-177		27
276	High-power two-cycle ultrafast source based on hybrid nonlinear compression. *Optics Express*, **2019**, 27, 1958-1967	3.3	27
275	Energy scaling of a nonlinear compression setup using passive coherent combining. *Optics Letters*, **2013**, 38, 4437-40	3	26
274	Yb3+ doped (Ca,Sr,Ba)F2 for high power laser applications. *Laser Physics*, **2010**, 20, 533-536	1.2	26
273	Efficient cross polarized wave generation for compact, energy-scalable, ultrashort laser sources. *Optics Express*, **2011**, 19, 93-8	3.3	25
272	Performances of Cr:LiSrAlF(6) and Cr:LiSrGaF(6) for continuous-wave diode-pumped Q-switched operation. *Optics Letters*, **1997**, 22, 387-9	3	25
271	Diode-pumped Nd:YAG laser emitting at 899 nm and below. *Optics Letters*, **2007**, 32, 799-801	3	25
270	High-repetition-rate 300-ps pulsed ultraviolet source with a passively Q-switched microchip laser and a multipass amplifier. *Optics Letters*, **1999**, 24, 499-501	3	25
269	High-efficiency multipass Ti:sapphire amplifiers for a continuous-wave single-mode laser. *Optics Letters*, **1991**, 16, 144-6	3	25
268	Direct amplification of ultrashort pulses in □pulling-down Yb:YAG single crystal fibers. *Optics Letters*, **2011**, 36, 748-50	3	24
267	High-power diode-pumped cryogenically cooled Yb:CaF□laser with extremely low quantum defect. *Optics Letters*, **2011**, 36, 1602-4	3	24
266	Impregnated SiO2 gels used as dye laser matrix hosts. *Journal of Non-Crystalline Solids*, **1992**, 147-148, 636-640	3.9	24
265	Generation of 0.6 □ pulses of 16 fs duration through high-repetition rate amplification of self-phase modulated pulses. *Applied Physics Letters*, **1988**, 53, 823-825	3.4	24
264	Yb:YAG single-crystal fiber amplifiers for picosecond lasers using the divided pulse amplification technique. *Optics Letters*, **2016**, 41, 1628-31	3	24
263	Yb:CaGdAlO4 thin-disk laser. *Optics Letters*, **2011**, 36, 4134-6	3	23
262	New Materials for Short-Pulse Amplifiers. *IEEE Photonics Journal*, **2011**, 3, 268-273	1.8	23
261	Low-repetition-rate femtosecond operation in extended-cavity mode-locked Yb:CALGO laser. *Optics Letters*, **2009**, 34, 196-8	3	23
260	Third-order spectral phase compensation in parabolic pulse compression. *Optics Express*, **2007**, 15, 9372-7	3.3	23

259	Perylene, pyrromethene and grafted rhodamine-doped xerogels for tunable solid state laser **1994**,		23
258	High-energy chirped- and divided-pulse Sagnac femtosecond fiber amplifier. *Optics Letters*, **2015**, 40, 89-92	3	22
257	Nonlinear compression of high energy fiber amplifier pulses in air-filled hypocycloid-core Kagome fiber. *Optics Express*, **2015**, 23, 7416-23	3.3	22
256	Energy-scalable temporal cleaning device for femtosecond laser pulses based on cross-polarized wave generation. *Review of Scientific Instruments*, **2013**, 84, 043106	1.7	22
255	Sub-100-fs Yb:CALGO nonlinear regenerative amplifier. *Optics Letters*, **2013**, 38, 5180-3	3	22
254	High-repetition-rate eyesafe intracavity optical parametric oscillator. *Applied Physics B: Lasers and Optics*, **1998**, 67, 181-183	1.9	22
253	High-power diode-pumped Yb:GdCOB laser: from continuous-wave to femtosecond regime. *Optical Materials*, **2002**, 19, 73-80	3.3	22
252	Directly diode-pumped Yb3+:SrY4(SiO4)3O regenerative amplifier. *Optics Letters*, **2003**, 28, 2195-7	3	22
251	Femtosecond Yb:YCOB laser pumped by narrow-stripe laser diode and passively modelocked using ion implanted saturable-absorber mirror. *Electronics Letters*, **2000**, 36, 1621	1.1	22
250	All-solid-state continuous-wave tunable blue-light source by intracavity doubling of a diode-pumped Cr:LiSAF laser. *Optics Letters*, **1995**, 20, 1274-6	3	22
249	LED-pumped alexandrite laser oscillator and amplifier. *Optics Letters*, **2017**, 42, 4191-4194	3	21
248	Yb:CaF2 thin-disk laser. *Optics Express*, **2014**, 22, 1524-32	3.3	21
247	. *Journal of Lightwave Technology*, **2014**, 32, 3817-3823	4	21
246	High-fidelity front-end for high-power, high temporal quality few-cycle lasers. *Applied Physics B: Lasers and Optics*, **2011**, 102, 769-774	1.9	21
245	Design of a high gain single stage and single pass Nd:YVO_4 passive picosecond amplifier. *Journal of the Optical Society of America B: Optical Physics*, **2012**, 29, 2339	1.7	21
244	Mode-locked operation of a diode-pumped femtosecond Yb:SrF2 laser. *Optics Letters*, **2009**, 34, 2354-6	3	21
243	Phase and amplitude control of a multimode LMA fiber beam by use of digital holography. *Optics Express*, **2009**, 17, 13000-8	3.3	21
242	3 W, 300 □, 25 ns pulsed 473 nm blue laser based on actively Q-switched Nd:YAG single-crystal fiber oscillator at 946 nm. *Optics Letters*, **2013**, 38, 3013-6	3	20

241	Numerical modeling of a continuous-wave Yb-doped bulk crystal laser emitting on a three-level laser transition near 980 nm. *Journal of the Optical Society of America B: Optical Physics*, **2005**, 22, 572	1.7	20
240	Pulse-compression down to 20 fs using a photonic crystal fiber seeded by a diode-pumped Yb:SYS laser at 1070 nm. *Optics Express*, **2004**, 12, 3383-96	3.3	20
239	Self-starting self-mode-locked femtosecond diode-pumped Cr:LiSAF laser. *Optics Letters*, **1995**, 20, 1874-6	3	20
238	Pure and Yb3+ doped fluorites (Ca, Sr, Ba)F2: A renewal for the future high intensity laser chains. *Journal of Luminescence*, **2013**, 133, 276-281	3.8	19
237	Laser demonstration with highly doped Yb:Gd2O3 and Yb:Y2O3 crystals grown by an original flux method. *Optics Letters*, **2013**, 38, 4146-9	3	19
236	Hybrid master oscillator power amplifier high-power narrow-linewidth nanosecond laser source at 257 nm. *Optics Letters*, **2013**, 38, 995-7	3	19
235	Yb-doped Lu3Al5O12 fibers single crystals grown under stationary stable state for laser application. *Journal of Crystal Growth*, **2009**, 312, 125-130	1.6	19
234	Time-gated total internal reflection fluorescence microscopy with a supercontinuum excitation source. *Applied Optics*, **2009**, 48, 553-9	0.2	19
233	Laser crystals for the production of ultra-short laser pulses. *Annales De Chimie: Science Des Materiaux*, **2003**, 28, 47-72	2.1	19
232	Fluorescence-lifetime imaging with a multifocal two-photon microscope. *Optics Letters*, **2004**, 29, 2884-6	3	19
231	Laser mode manipulation by intracavity dynamic holography: Application to mode selection. *Applied Physics B: Lasers and Optics*, **1999**, 69, 155-157	1.9	19
230	Diode-pumped laser with Yb:YAG single-crystal fiber grown by the micro-pulling down technique. *Applied Physics B: Lasers and Optics*, **2009**, 94, 203-207	1.9	18
229	Nd:YAG laser diode-pumped directly into the emitting level at 938 nm. *Optics Express*, **2009**, 17, 10091-7	3.3	18
228	Continuous-wave laser at 440 nm based on frequency-doubled diode-pumped Nd:GdVO(4) crystal. *Optics Letters*, **2008**, 33, 1957-9	3	18
227	Molecular Dynamics of Biological Probes by Fluorescence Correlation Microscopy with Two-Photon Excitation. *Journal of Fluorescence*, **2000**, 10, 413-419	2.4	18
226	Time-resolved saturated absorption recovery in malachite green-doped xerogel. *Chemical Physics Letters*, **1991**, 176, 495-498	2.5	18
225	Quasi-continuous-wave and actively mode-locked diode-pumped Cr(3+):LiSrAlF(6) laser. *Optics Letters*, **1993**, 18, 1730-2	3	18
224	Coherent combination of ultrafast fiber amplifiers. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2016**, 49, 062004	1.3	18

223	Revisiting of LED pumped bulk laser: first demonstration of Nd:YVO4 LED pumped laser. *Optics Letters*, **2014**, 39, 6731-4	3	17
222	Amplification of cylindrically polarized laser beams in single crystal fiber amplifiers. *Optics Express*, **2013**, 21, 11376-81	3.3	17
221	Passive coherent beam combining of quantum-cascade lasers with a Dammann grating. *Optics Letters*, **2011**, 36, 3810-2	3	17
220	Linear and non-linear magneto-optical studies of Pt/Co/Pt thin films. *Journal of Physics Condensed Matter*, **2001**, 13, 9867-9878	1.8	17
219	Magnetization-induced second-harmonic generation enhanced by surface plasmons in ultrathin Au/Co/Au metallic films. *Applied Physics B: Lasers and Optics*, **1999**, 68, 545-548	1.9	17
218	Blue-green single-frequency laser based on intracavity frequency doubling of a diode-pumped Ytterbium-doped laser. *Optics Express*, **2005**, 13, 2345-50	3.3	16
217	Diode-pumped continuous-wave and femtosecond laser operations of a heterocomposite crystal Yb3+: SrY4(SiO4)3O parallel Y2Al5O12. *Optics Letters*, **2005**, 30, 857-9	3	16
216	Diode-pumped passively mode-locked Nd:YVO4 laser at 914 nm. *Optics Letters*, **2006**, 31, 214-6	3	16
215	Ca4REO(BO3)3 crystals for green and blue microchip laser generation: from crystal growth to laser and nonlinear optical properties. *Optical Materials*, **2004**, 26, 431-436	3.3	16
214	Tunable single-frequency operation of a diode-pumped vertical external-cavity laser at the cesium D2 line. *Applied Physics B: Lasers and Optics*, **2009**, 95, 315-321	1.9	15
213	Diffraction-limited polarized emission from a multimode ytterbium fiber amplifier after a nonlinear beam converter. *Optics Letters*, **2004**, 29, 989-91	3	15
212	Video rate depth-resolved two-dimensional imaging through turbid media by femtosecond parametric amplification. *Optics Letters*, **2000**, 25, 353-5	3	15
211	Pulse propagation near zero group-velocity dispersion in a femtosecond dye laser. *Optics Letters*, **1990**, 15, 1374-6	3	15
210	Self-compression in a multipass cell. *Optics Letters*, **2018**, 43, 5643-5646	3	15
209	Spectral and spatial full-bandwidth correlation analysis of bulk-generated supercontinuum in the mid-infrared. *Optics Letters*, **2015**, 40, 673-6	3	14
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