

# Guenter Huber

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237  
papers

10,148  
citations

61  
h-index

87  
g-index

255  
ext. papers

11,853  
ext. citations

2.7  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
237	Dy <sup>3+</sup> :Lu <sub>2</sub> O <sub>3</sub> as a novel crystalline oxide for mid-infrared laser applications. <i>Optical Materials Express</i> , <b>2018</b> , 8, 3447	2.6	11
236	Performance and wavelength tuning of green emitting terbium lasers. <i>Optics Express</i> , <b>2017</b> , 25, 5716-5724	3.4	34
235	Nd:sapphire channel waveguide laser. <i>Optical Materials Express</i> , <b>2017</b> , 7, 2361	2.6	7
234	Passively Q-switched Pr:YLF laser with a Co:MgAlO saturable absorber. <i>Optics Letters</i> , <b>2017</b> , 42, 4687-4690	3.0	17
233	Efficient OPSL-pumped mode-locked Yb:Lu <sub>2</sub> O <sub>3</sub> laser with 67% optical-to-optical efficiency. <i>Scientific Reports</i> , <b>2016</b> , 6, 19090	4.9	8
232	Out of the blue: semiconductor laser pumped visible rare-earth doped lasers. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 548-568	8.3	143
231	Watt-level passively Q-switched Er:Lu <sub>2</sub> O <sub>3</sub> laser at 2.84 $\mu$ m using MoS <sub>2</sub> . <i>Optics Letters</i> , <b>2016</b> , 41, 540-3	3	103
230	Efficient continuous wave laser operation of Tb <sup>3+</sup> -doped fluoride crystals in the green and yellow spectral regions. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 335-344	8.3	61
229	Lasing of Nd <sup>3+</sup> in sapphire. <i>Laser and Photonics Reviews</i> , <b>2016</b> , 10, 510-516	8.3	9
228	Efficient laser operation of Nd <sup>3+</sup> :Lu <sub>2</sub> O <sub>3</sub> at various wavelengths between 917 nm and 1463 nm. <i>Laser Physics</i> , <b>2016</b> , 26, 084003	1.2	5
227	Efficient upconversion-pumped continuous wave Er <sup>3+</sup> :LiLuF <sub>4</sub> lasers. <i>Optical Materials</i> , <b>2015</b> , 42, 167-173	3.3	32
226	Q-switched operation of a femtosecond-laser-inscribed Yb:YAG channel waveguide laser using carbon nanotubes. <i>Optics Express</i> , <b>2015</b> , 23, 7999-8005	3.3	21
225	Growth and diode-pumped laser operation of Pr <sup>3+</sup> :Y <sub>0.5</sub> Gd <sub>0.5</sub> F <sub>3</sub> at various transitions. <i>Optics Letters</i> , <b>2015</b> , 40, 2699-702	3	5
224	Spectral narrowing of Yb:YAG waveguide lasers through hybrid integration with ultrafast laser written Bragg gratings. <i>Optics Express</i> , <b>2015</b> , 23, 20195-202	3.3	6
223	Prospects of Holmium-doped fluorides as gain media for visible solid state lasers. <i>Optical Materials Express</i> , <b>2015</b> , 5, 88	2.6	14
222	Laser oscillation in Yb:YAG waveguide beam-splitters with variable splitting ratio. <i>Optics Letters</i> , <b>2015</b> , 40, 1753-6	3	19
221	Spectroscopy and laser operation of Sm <sup>3+</sup> -doped lithium lutetium tetrafluoride (LiLuF <sub>4</sub> ) and strontium hexaaluminate (SrAl <sub>12</sub> O <sub>19</sub> ). <i>Optics Express</i> , <b>2015</b> , 23, 21118-27	3.3	30

220	High-intracavity-power thin-disk laser for the alignment of molecules. <i>Optics Express</i> , <b>2015</b> , 23, 28491-5003	3	10
219	Efficient laser operation of diode-pumped Pr <sup>3+</sup> ,Mg <sup>2+</sup> :SrAl <sub>12</sub> O <sub>19</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 116, 109-113	1.9	25
218	Thin-disk laser operation of Pr <sup>3+</sup> ,Mg <sup>2+</sup> :SrAl <sub>12</sub> O <sub>19</sub> . <i>Optics Letters</i> , <b>2014</b> , 39, 1322-5	3	14
217	Nonlinear losses in photoconductive Yb:YAG laser materials: identification of photocarrier properties by non-steady-state photoEMF. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 117, 731-735	1.9	
216	Highly efficient continuous wave blue second-harmonic generation in fs-laser written periodically poled Rb:KTiOPO <sub>4</sub> waveguides. <i>Optics Letters</i> , <b>2014</b> , 39, 1274-7	3	15
215	Continuous-wave Pr <sup>3+</sup> :BaYF <sub>7</sub> and Pr <sup>3+</sup> :LiYF <sub>4</sub> lasers in the cyan-blue spectral region. <i>Optics Letters</i> , <b>2014</b> , 39, 5158-61	3	21
214	Yellow laser performance of Dy <sup>3+</sup> in co-doped Dy,Tb:LiLuF <sub>4</sub> . <i>Optics Letters</i> , <b>2014</b> , 39, 6628-31	3	62
213	High-power red, orange, and green Pr <sup>3+</sup> :LiYF <sub>4</sub> lasers. <i>Optics Letters</i> , <b>2014</b> , 39, 3193-6	3	96
212	Spectroscopic characterization and laser performance of Pr,Mg:CaAl <sub>12</sub> O <sub>19</sub> . <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2014</b> , 31, 349	1.7	21
211	SESAM mode-locked red praseodymium laser. <i>Optics Letters</i> , <b>2014</b> , 39, 6939-41	3	40
210	Novel rare earth solid state lasers with emission wavelengths in the visible spectral range <b>2013</b> ,		3
209	Holmium-doped Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , and Sc <sub>2</sub> O <sub>3</sub> for lasers above 2.1 μm. <i>Optics Express</i> , <b>2013</b> , 21, 3926-31	3.3	26
208	Ultrafast thin disk lasers: sub-100 fs pulse duration and carrier envelope offset detection. <i>EPJ Web of Conferences</i> , <b>2013</b> , 41, 10009	0.3	
207	Yb-doped mixed sesquioxides for ultrashort pulse generation in the thin disk laser setup. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 113, 13-18	1.9	35
206	Temperature development in Yb:YAG thin-disk lasers at high inversion densities confirming nonlinear losses <b>2013</b> ,		1
205	Efficient visible laser operation of Pr,Mg:SrAl <sub>12</sub> O <sub>19</sub> channel waveguides. <i>Optics Letters</i> , <b>2013</b> , 38, 2698-701	3	18
204	Spectroscopy of upper energy levels in an Er <sup>3+</sup> -doped amorphous oxide. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 663	1.7	23
203	Curved Yb:YAG waveguide lasers, fabricated by femtosecond laser inscription. <i>Optics Express</i> , <b>2013</b> , 21, 25501-8	3.3	44

202	Wide wavelength tunability and green laser operation of diode-pumped Pr <sup>3+</sup> :KY <sub>3</sub> F <sub>10</sub> . <i>Optics Express</i> , <b>2013</b> , 21, 31274-81	3.3	29
201	Sub-100 femtosecond pulses from a SESAM modelocked thin disk laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2012</b> , 106, 559-562	1.9	42
200	Spectroscopy and laser operation of Nd-doped mixed sesquioxides (Lu <sub>1-x</sub> Sc <sub>x</sub> ) <sub>2</sub> O <sub>3</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>2012</b> , 108, 475-478	1.9	7
199	Lasers and Coherent Light Sources <b>2012</b> , 641-1046		3
198	Efficient high-power continuous wave Er:Lu <sub>2</sub> O <sub>3</sub> laser at 2.85 $\mu$ m. <i>Optics Letters</i> , <b>2012</b> , 37, 2568-70	3	92
197	Self-referenceable frequency comb from an ultrafast thin disk laser. <i>Optics Express</i> , <b>2012</b> , 20, 9650-6	3.3	26
196	Diode pumped laser operation and spectroscopy of Pr <sup>3+</sup> :LaF <sub>3</sub> . <i>Optics Express</i> , <b>2012</b> , 20, 20387-95	3.3	44
195	Laser-written waveguides in KTP for broadband Type II second harmonic generation. <i>Optics Express</i> , <b>2012</b> , 20, 22308-13	3.3	21
194	Passively mode locked femtosecond Tm:Sc <sub>2</sub> O <sub>3</sub> laser at 2.1 $\mu$ m. <i>Optics Letters</i> , <b>2012</b> , 37, 437-9	3	34
193	175 fs Tm:Lu <sub>2</sub> O <sub>3</sub> laser at 2.07 $\mu$ m mode-locked using single-walled carbon nanotubes. <i>Optics Express</i> , <b>2012</b> , 20, 5313-8	3.3	63
192	Continuous wave and mode-locked Yb <sup>3+</sup> :Y <sub>2</sub> O <sub>3</sub> ceramic thin disk laser. <i>Optics Express</i> , <b>2012</b> , 20, 10847-52	3.3	33
191	Efficient laser operation of Pr <sup>3+</sup> , Mg <sup>2+</sup> :SrAl <sub>12</sub> O <sub>19</sub> . <i>Optics Letters</i> , <b>2012</b> , 37, 4889-91	3	31
190	Ultrashort pulse generation from diode pumped mode-locked Yb <sup>3+</sup> :sesquioxide single crystal lasers. <i>Optics Express</i> , <b>2011</b> , 19, 2904-9	3.3	20
189	SESAMs for high-power femtosecond modelocking: power scaling of an Yb:LuScO <sub>4</sub> thin disk laser to 23 W and 235 fs. <i>Optics Express</i> , <b>2011</b> , 19, 20288-300	3.3	39
188	Efficient diode-pumped laser operation of Tm:Lu <sub>2</sub> O <sub>3</sub> around 2 $\mu$ m. <i>Optics Letters</i> , <b>2011</b> , 36, 948-50	3	61
187	In-band fiber-laser-pumped Er:YVO <sub>4</sub> laser emitting around 1.6 $\mu$ m. <i>Optics Letters</i> , <b>2011</b> , 36, 1188-90	3	28
186	Method for the determination of dopant concentrations of luminescent ions. <i>Optics Letters</i> , <b>2011</b> , 36, 4500-2	3	1
185	Crystalline Pr:SrAl <sub>12</sub> O <sub>19</sub> waveguide laser in the visible spectral region. <i>Optics Letters</i> , <b>2011</b> , 36, 4620-2	3	30

184	Diode pumped high power operation of a femtosecond laser inscribed Yb:YAG waveguide laser [Invited]. <i>Optical Materials Express</i> , <b>2011</b> , 1, 428	2.6	33
183	First ceramic laser in the visible spectral range. <i>Optical Materials Express</i> , <b>2011</b> , 1, 1511	2.6	30
182	Crystal growth, spectroscopy, and highly efficient laser operation of thulium-doped Lu <sub>2</sub> O <sub>3</sub> around 2 $\mu$ m. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 102, 19-24	1.9	41
181	Photoconductivity in Yb-doped oxides at high excitation densities. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 102, 765-768	1.9	29
180	Thermal analysis and efficient high power continuous-wave and mode-locked thin disk laser operation of Yb-doped sesquioxides. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 102, 509-514	1.9	79
179	Crystal growth, spectroscopy, and diode pumped laser performance of Pr, Mg:SrAl <sub>12</sub> O <sub>19</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 102, 731-735	1.9	47
178	Characterization of an Yb:YAG ceramic waveguide laser, fabricated by the direct femtosecond-laser writing technique. <i>Applied Physics B: Lasers and Optics</i> , <b>2011</b> , 103, 1-4	1.9	48
177	Efficient continuous wave deep ultraviolet Pr <sup>3+</sup> :LiYF <sub>4</sub> laser at 261.3 nm. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 181103	3.4	33
176	Efficient green continuous-wave lasing of blue-diode-pumped solid-state lasers based on praseodymium-doped LiYF <sub>4</sub> . <i>Applied Optics</i> , <b>2010</b> , 49, 3864-8	0.2	32
175	Highly efficient Yb:YAG channel waveguide laser written with a femtosecond-laser. <i>Optics Express</i> , <b>2010</b> , 18, 16035-41	3.3	120
174	Continuous-wave and modelocked Yb:YCOB thin disk laser: first demonstration and future prospects. <i>Optics Express</i> , <b>2010</b> , 18, 19201-8	3.3	51
173	Thermal and laser properties of Yb:LuAG for kW thin disk lasers. <i>Optics Express</i> , <b>2010</b> , 18, 20712-22	3.3	109
172	Diode-pumped mode-locked Yb:LuScO(3) single crystal laser with 74 fs pulse duration. <i>Optics Letters</i> , <b>2010</b> , 35, 511-3	3	41
171	Correction of reabsorption artifacts in fluorescence spectra by the pinhole method. <i>Optics Letters</i> , <b>2010</b> , 35, 1524-6	3	12
170	Femtosecond thin-disk laser with 141 W of average power. <i>Optics Letters</i> , <b>2010</b> , 35, 2302-4	3	129
169	Solid-state lasers: status and future [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, B93	1.7	65
168	Nd:YAG waveguide laser with 1.3 W output power, fabricated by direct femtosecond laser writing. <i>Applied Physics B: Lasers and Optics</i> , <b>2010</b> , 100, 131-135	1.9	76
167	High-temperature growth and spectroscopic characterization of Er,Yb:YAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> epitaxial thin layers. <i>Optical Materials</i> , <b>2010</b> , 32, 1377-1379	3.3	7

166	Photoconductivity in Yb-doped materials at high excitation densities and its effect on highly Yb-doped thin-disk lasers <b>2009</b> ,		1
165	Advances in Solid-State Laser Materials. <i>ECS Transactions</i> , <b>2009</b> , 25, 287-290	1	1
164	Femtosecond laser written stress-induced Nd:Y3Al5O12 (Nd:YAG) channel waveguide laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2009</b> , 97, 251-255	1.9	121
163	High-power ultrafast thin disk laser oscillators and their potential for sub-100-femtosecond pulse generation. <i>Applied Physics B: Lasers and Optics</i> , <b>2009</b> , 97, 281-295	1.9	119
162	Energy transfer in crystalline Er <sup>3+</sup> ,Yb <sup>3+</sup> :Sc <sub>2</sub> O <sub>3</sub> . <i>Optical Materials</i> , <b>2009</b> , 31, 1636-1639	3.3	7
161	Femtosecond Yb:Lu <sub>2</sub> O <sub>3</sub> thin disk laser with 63 W of average power. <i>Optics Letters</i> , <b>2009</b> , 34, 2823-5	3	38
160	Low threshold monocrystalline Nd:(Gd, Lu) <sub>2</sub> O <sub>3</sub> channel waveguide laser. <i>Optics Express</i> , <b>2009</b> , 17, 4412-8	3.3	20
159	227-fs pulses from a mode-locked Yb:LuScO <sub>3</sub> thin disk laser. <i>Optics Express</i> , <b>2009</b> , 17, 10725-30	3.3	36
158	Quenching processes in Yb lasers: correlation to the valence stability of the Yb ion <b>2009</b> ,		4
157	Degradation of Laser Performance in Yb-Doped Oxide Thin-Disk Lasers at High Inversion Densities <b>2009</b> ,		3
156	Amplification in epitaxially grown Er:(Gd,Lu) <sub>2</sub> O <sub>3</sub> waveguides for active integrated optical devices. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2008</b> , 25, 1850	1.7	29
155	Efficient visible laser emission of GaN laser diode pumped Pr-doped fluoride scheelite crystals. <i>Optics Express</i> , <b>2008</b> , 16, 15932-41	3.3	91
154	Two-dimensional growth of lattice matched Nd-doped (Gd,Lu) <sub>2</sub> O <sub>3</sub> films on Y <sub>2</sub> O <sub>3</sub> by pulsed laser deposition. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 053108	3.4	10
153	Experimental study of the output dynamics of intracavity frequency doubled optically pumped semiconductor disk lasers. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 101107	3.4	5
152	Epitaxial layer-by-layer growth of Yb:YAG and YbAG PLD-films. <i>Applied Physics A: Materials Science and Processing</i> , <b>2008</b> , 93, 387-391	2.6	3
151	Power scaling potential of Yb:NGW in thin disk laser configuration. <i>Applied Physics B: Lasers and Optics</i> , <b>2008</b> , 91, 25-28	1.9	12
150	Spectroscopic properties of Er <sup>3+</sup> :YAG at 300-500 K and their effects on the 1.6 $\mu$ m laser transitions. <i>Applied Physics B: Lasers and Optics</i> , <b>2008</b> , 91, 249-256	1.9	38
149	In-band pumping of Nd-vanadate thin-disk lasers. <i>Applied Physics B: Lasers and Optics</i> , <b>2008</b> , 91, 415-419	1.9	36

148	Excited state absorption, energy levels, and thermal conductivity of Er <sup>3+</sup> :YAB. <i>Applied Physics B: Lasers and Optics</i> , <b>2008</b> , 92, 567-571	1.9	21
147	Crystal growth by the heat exchanger method, spectroscopic characterization and laser operation of high-purity Yb:Lu <sub>2</sub> O <sub>3</sub> . <i>Journal of Crystal Growth</i> , <b>2008</b> , 310, 1934-1938	1.6	79
146	Photoconductivity Measurements Indicating a Nonlinear Loss Mechanism in Highly Yb-doped Oxides <b>2008</b> ,		2
145	Switching of emissivity and photoconductivity in highly doped Yb <sup>3+</sup> :Y <sub>2</sub> O <sub>3</sub> and Lu <sub>2</sub> O <sub>3</sub> ceramics. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 201901	3.4	20
144	Diode pumped Nd:GSAG and Nd:YGG laser at 942 and 935 nm. <i>Optics Communications</i> , <b>2007</b> , 275, 170-172		36
143	High quantum efficiency YbAG-crystals. <i>Journal of Luminescence</i> , <b>2007</b> , 125, 238-247	3.8	43
142	Efficient green generation by intracavity frequency doubling of an optically pumped semiconductor disk laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2007</b> , 87, 95-99	1.9	18
141	Continuous-wave high power laser operation and tunability of Yb:LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> in thin disk configuration. <i>Applied Physics B: Lasers and Optics</i> , <b>2007</b> , 87, 217-220	1.9	21
140	Nd:GSAG-pulsed laser operation at 943 nm and crystal growth. <i>Applied Physics B: Lasers and Optics</i> , <b>2007</b> , 89, 305-310	1.9	14
139	PLD-grown Yb-doped Sesquioxide Films on Sapphire and Quartz Substrates. <i>Journal of Physics: Conference Series</i> , <b>2007</b> , 59, 462-465	0.3	2
138	Continuous wave Praseodymium solid-state lasers <b>2007</b> ,		20
137	Nondestructive measurement of the propagation losses in active planar waveguides. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2007</b> , 24, 1571	1.7	9
136	Visible laser emission of solid state pumped LiLuF <sub>4</sub> :Pr <sup>3+</sup> . <i>Optics Express</i> , <b>2007</b> , 15, 992-1002	3.3	75
135	Power scaling of semiconductor laser pumped Praseodymium-lasers. <i>Optics Express</i> , <b>2007</b> , 15, 5172-8	3.3	107
134	Broadly tunable high-power Yb:Lu <sub>2</sub> O <sub>3</sub> thin disk laser with 80% slope efficiency. <i>Optics Express</i> , <b>2007</b> , 15, 7075-82	3.3	114
133	Ultrashort pulse Yb:LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> mode-locked oscillator. <i>Optics Express</i> , <b>2007</b> , 15, 15539-44	3.3	19
132	Efficient femtosecond high power Yb:Lu <sub>2</sub> O <sub>3</sub> thin disk laser. <i>Optics Express</i> , <b>2007</b> , 15, 16966-71	3.3	47
131	Multipass pumped Nd-based thin-disk lasers: continuous-wave laser operation at 1.06 and 0.9 microm with intracavity frequency doubling. <i>Applied Optics</i> , <b>2007</b> , 46, 8256-63	1.7	32



130	Up-conversion to the Conduction Band in highly doped Yb:YAG and Yb:Y2O3 and its effect on Thin-Disk Lasers <b>2007</b> ,		1
129	Epitaxial growth by pulsed laser deposition of Er-doped Sc2O3 films on sesquioxides monitored in situ by reflection high energy electron diffraction. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 083103	3-4	4
128	Semiconductor-laser-pumped high-power upconversion laser. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 061108	3-4	80
127	Continuous-wave and mode-locked lasers based on cubic sesquioxide crystalline hosts <b>2006</b> ,		5
126	Structural, spectroscopic, and tunable laser properties of Yb3+-doped NaGd(WO4)2. <i>Physical Review B</i> , <b>2006</b> , 74,	3-3	110
125	Continuous-wave ultraviolet generation at 320 nm by intracavity frequency doubling of red-emitting Praseodymium lasers. <i>Optics Express</i> , <b>2006</b> , 14, 3282-7	3-3	49
124	Rare-earth-doped GVO films grown by pulsed laser deposition. <i>Optical Materials</i> , <b>2006</b> , 28, 681-684	3-3	12
123	Nd3+ doped Sc2O3 waveguiding film produced by pulsed laser deposition. <i>Optical Materials</i> , <b>2006</b> , 28, 883-887	3-3	12
122	Continuous-wave simultaneous dual-wavelength operation at 912 nm and 1063 nm in Nd:GdVO4. <i>Applied Physics B: Lasers and Optics</i> , <b>2006</b> , 86, 65-70	1-9	67
121	Optical pump-probe processes in Nd <sup>3+</sup> -doped KPb2Br5, RbPb2Br5, and KPb2Cl5. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2005</b> , 22, 2610	1-7	14
120	Laser activity at 1.18, 1.07, and 0.97 microm in the low-phonon-energy hosts KPb2Br5 and RbPb2Br5 doped with Nd3+. <i>Optics Letters</i> , <b>2005</b> , 30, 729-31	3	36
119	Crystalline growth of cubic (Eu, Nd):Y2O3 thin films on Al2O3 by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , <b>2005</b> , 80, 627-630	2-6	5
118	Pulsed laser deposition of Eu:Y2O3 thin films on (0001) Al2O3. <i>Applied Physics A: Materials Science and Processing</i> , <b>2005</b> , 80, 209-216	2-6	16
117	Continuous-wave laser action of Yb3+-doped lanthanum scandium borate. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 80, 159-163	1-9	20
116	Efficient room temperature continuous-wave operation of an Yb3+:Sc2O3 crystal laser at 1041.6 and 1094.6 nm. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2005</b> , 202, R19-R21	1-6	10
115	Semiconductor laser pumping of continuous-wave Pr3+[hyphen (true graphic)]doped ZBLAN fibre laser. <i>Electronics Letters</i> , <b>2005</b> , 41, 794	1-1	23
114	Room-temperature external cavity GaSb-based diode laser around 2.13µm. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 5825-5826	3-4	9
113	Advances in up-conversion lasers based on Er3+ and Pr3+. <i>Optical Materials</i> , <b>2004</b> , 26, 365-374	3-3	75



112	Continuous wave laser operation of Yb <sup>3+</sup> :YVO <sub>4</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>2004</b> , 79, 543-546	1.9	100
111	First-principles analysis for the optical absorption spectra of metal ions in solids. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 99, 488-494	2.1	5
110	Single mode Tm and Tm,Ho:LuAG lasers for LIDAR applications. <i>Laser Physics Letters</i> , <b>2004</b> , 1, 285-290	1.5	174
109	Optical properties of Nd <sup>3+</sup> - and Tb <sup>3+</sup> -doped KPb <sub>2</sub> Br <sub>5</sub> and RbPb <sub>2</sub> Br <sub>5</sub> with low nonradiative decay. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2004</b> , 21, 2117	1.7	66
108	Diode pumping of a continuous-wave Pr <sup>3+</sup> -doped LiYF <sub>4</sub> laser. <i>Optics Letters</i> , <b>2004</b> , 29, 2638-40	3	119
107	Measurement of the Wigner distribution of a helium neon laser with a spherical aberration and a tapered semiconductor laser using moving slit technology <b>2003</b> , 4932, 560		
106	Lidar Research Network Water Vapor and Wind. <i>Meteorologische Zeitschrift</i> , <b>2003</b> , 12, 5-24	3.1	6
105	Europium-doped sesquioxide thin films grown on sapphire by PLD. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2003</b> , 105, 30-33	3.1	17
104	Passive Q-switching of 1.44 $\mu$ m and 1.34 $\mu$ m diode-pumped Nd:YAG lasers with a V:YAG saturable absorber. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 76, 245-247	1.9	48
103	Pump modulation frequency resolved excited state absorption spectra in Tm <sup>3+</sup> doped YLF. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 77, 817-822	1.9	14
102	Characterization of crystalline europium doped Y <sub>2</sub> O <sub>3</sub> PLD-films grown on Al <sub>2</sub> O <sub>3</sub> . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2003</b> , 105, 25-29	3.1	13
101	Spectroscopic characterisation of the upconversion avalanche mechanism in Pr <sup>3+</sup> ,Yb <sup>3+</sup> :BaY <sub>2</sub> F <sub>8</sub> . <i>Optical Materials</i> , <b>2003</b> , 24, 537-545	3.3	24
100	All-solid-state continuous-wave frequency-doubled Nd:YAG-BiBO laser with 2.8-W output power at 473 nm. <i>Optics Letters</i> , <b>2003</b> , 28, 432-4	3	187
99	Stabilization of intracavity frequency-doubled lasers with type I phase matching. <i>Optics Letters</i> , <b>2003</b> , 28, 2100-2	3	5
98	Growth of high-melting sesquioxides by the heat exchanger method. <i>Journal of Crystal Growth</i> , <b>2002</b> , 237-239, 879-883	1.6	86
97	1.9- $\mu$ m and 2.0- $\mu$ m laser diode pumping of Cr <sup>2+</sup> :ZnSe and Cr <sup>2+</sup> :CdMnTe. <i>Optics Letters</i> , <b>2002</b> , 27, 1034-36		39
96	Diode-pumped continuous-wave green upconversion lasing of Er <sup>3+</sup> :LiLuF <sub>4</sub> using multipass pumping. <i>Optics Letters</i> , <b>2002</b> , 27, 1699-701	3	25
95	On the problem of M <sup>2</sup> analysis using Shack-Hartmann measurements. <i>Journal Physics D: Applied Physics</i> , <b>2001</b> , 34, 2414-2419	3	9

94	Rare-earth-doped sesquioxides. <i>Journal of Luminescence</i> , <b>2000</b> , 87-89, 973-975	3.8	104
93	Spectroscopic properties of Cr-doped Sc <sub>2</sub> O <sub>3</sub> . <i>Journal of Luminescence</i> , <b>2000</b> , 87-89, 1122-1125	3.8	19
92	Czochralski growth and laser parameters of RE <sup>3+</sup> -doped Y <sub>2</sub> O <sub>3</sub> and Sc <sub>2</sub> O <sub>3</sub> . <i>Ceramics International</i> , <b>2000</b> , 26, 589-592	5.1	78
91	Avalanche up-conversion processes in Pr, Yb-doped materials. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 300-301, 65-70	5.7	15
90	Continuous wave infrared laser action, self-frequency doubling, and tunability of Yb <sup>3+</sup> :MgO:LiNbO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 4056-4062	2.5	57
89	Compact diode pumped cw solid-state lasers in the visible spectral region. <i>Optical Materials</i> , <b>1999</b> , 11, 205-216	3.3	14
88	LiYF <sub>4</sub> liquid-phase epitaxy using an inverted slider geometry. <i>Journal of Crystal Growth</i> , <b>1999</b> , 198-199, 564-567	1.6	7
87	Excited state absorption and stimulated emission of Nd <sup>3+</sup> in crystals III: LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> , CaWO <sub>4</sub> , and YLiF <sub>4</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1999</b> , 68, 67-72	1.9	28
86	Type-I non-critically phase-matched second-harmonic generation in Gd <sub>1-x</sub> Y <sub>x</sub> Ca <sub>4</sub> O(BO <sub>3</sub> ) <sub>3</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1999</b> , 68, 1143-1146	1.9	28
85	New Oxide Crystals for Solid State Lasers. <i>Crystal Research and Technology</i> , <b>1999</b> , 34, 255-260	1.3	118
84	Infrared and self-frequency doubled laser action in Yb <sup>3+</sup> -doped LiNbO <sub>3</sub> :MgO. <i>Applied Physics Letters</i> , <b>1999</b> , 74, 3113-3115	3.4	73
83	Generation of 740 mW of blue light by intracavity frequency doubling with a first-order quasi-phase-matched KTiOPO <sub>4</sub> crystal. <i>Optics Letters</i> , <b>1999</b> , 24, 205-7	3	79
82	Lu <sub>2</sub> S <sub>3</sub> :Ce <sup>3+</sup> , A new red luminescing scintillator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1998</b> , 134, 304-309	1.2	32
81	Excited state absorption and stimulated emission of Nd <sup>3+</sup> in crystals. Part I: Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> , YAlO <sub>3</sub> , and Y <sub>2</sub> O <sub>3</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1998</b> , 67, 151-156	1.9	23
80	Excited state absorption and stimulated emission of Nd <sup>3+</sup> in crystals. Part 2: YVO <sub>4</sub> , GdVO <sub>4</sub> , and Sr <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> F. <i>Applied Physics B: Lasers and Optics</i> , <b>1998</b> , 67, 549-553	1.9	71
79	Excited state dynamics in sensitized photon avalanche processes. <i>Journal of Luminescence</i> , <b>1998</b> , 76-77, 441-446	3.8	10
78	Emission of octahedrally coordinated Mn <sup>3+</sup> in garnets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>1998</b> , 54, 1741-1749	4.4	23
77	Spectroscopic properties and laser emission of Er <sup>3+</sup> in scandium silicates near 1.5 $\mu$ m. <i>Optical Materials</i> , <b>1998</b> , 10, 9-17	3.3	52

76	Tunable single frequency thulium:YAG microchip laser with external feedback. <i>Applied Optics</i> , <b>1998</b> , 37, 3268-71	1.7	14
75	Passive Q Switching of a Diode-Pumped 946-nm Nd:YAG Laser with 1.6-W Average Output Power. <i>Applied Optics</i> , <b>1998</b> , 37, 7076-9	1.7	31
74	Study of luminescence concentration quenching and energy transfer upconversion in Nd-doped LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> and GdVO <sub>4</sub> laser crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1998</b> , 15, 1052	1.7	90
73	Fluorescence dynamics, excited-state absorption, and stimulated emission of Er <sup>3+</sup> in KY(WO <sub>4</sub> ) <sub>2</sub> . <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1998</b> , 15, 1205	1.7	42
72	Soliton mode-locked Nd:YAlO <sub>3</sub> laser at 930 nm. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1998</b> , 15, 1663	1.7	15
71	Visible double-clad upconversion fibre laser. <i>Electronics Letters</i> , <b>1998</b> , 34, 565	1.1	9
70	540 mW of blue output power at 425 nm generated by intracavity frequency doubling an upconversion-pumped Er <sup>3+</sup> :YLiF <sub>4</sub> laser. <i>Applied Physics Letters</i> , <b>1998</b> , 73, 139-141	3.4	17
69	Diode-pumped continuous-wave, quasi-continuous-wave, and Q-switched laser operation of Yb <sup>3+</sup> ,Tm <sup>3+</sup> : YLiF <sub>4</sub> at 1.5 and 2.3 $\mu$ m. <i>Journal of Applied Physics</i> , <b>1998</b> , 84, 5900-5904	2.5	44
68	Optical Measurement of Narrow Band Rare-Earth 4f Levels with Energies Greater than the Band Gap of the Host. <i>Physical Review Letters</i> , <b>1998</b> , 80, 1537-1540	7.4	20
67	Tm <sup>3+</sup> : GdVO <sub>4</sub> a new efficient medium for diode-pumped 2 $\mu$ m lasers. <i>Quantum Electronics</i> , <b>1997</b> , 27, 13-14	1.8	27
66	Lasing characteristics of a diode-pumped Nd <sup>3+</sup> : CaGdAlO <sub>4</sub> crystal. <i>Quantum Electronics</i> , <b>1997</b> , 27, 15-17	1.8	26
65	High-power diode-pumped continuous-wave Nd(3+) lasers at wavelengths near 1.44 microm. <i>Optics Letters</i> , <b>1997</b> , 22, 466-8	3	41
64	High-power continuous-wave upconversion fiber laser at room temperature. <i>Optics Letters</i> , <b>1997</b> , 22, 808-10	3	134
63	Pulsed laser operation of Y b-doped KY(WO(4))(2) and KGd(WO(4))(2). <i>Optics Letters</i> , <b>1997</b> , 22, 1317-9	3	228
62	Green Er(3+):YLiF(4) upconversion laser at 551nm with Yb(3+) codoping: a novel pumping scheme. <i>Optics Letters</i> , <b>1997</b> , 22, 1412-4	3	53
61	All-solid-state continuous-wave doubly resonant all-intracavity sum-frequency mixer. <i>Optics Letters</i> , <b>1997</b> , 22, 1461-3	3	65
60	Excited-state absorption and laser potential of Mn <sup>6+</sup> -doped BaSO <sub>4</sub> crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1997</b> , 14, 2373	1.7	7
59	Spectroscopy and excited-state absorption of Ni <sup>2+</sup> -doped MgAl <sub>2</sub> O <sub>4</sub> . <i>Journal of Luminescence</i> , <b>1997</b> , 71, 265-268	3.8	65

58	Spectroscopy and excited-state absorption of Ti <sup>4+</sup> :Li <sub>4</sub> Ge <sub>5</sub> O <sub>12</sub> and Ti <sup>4+</sup> :Y <sub>2</sub> SiO <sub>5</sub> . <i>Journal of Luminescence</i> , <b>1997</b> , 72-74, 208-210	3.8	7
57	Intracavity frequency-doubled diode-pumped Nd : LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> lasers. <i>Applied Physics B: Lasers and Optics</i> , <b>1997</b> , 64, 301-305	1.9	30
56	CW laser performance of Yb and Er,Yb doped tungstates. <i>Applied Physics B: Lasers and Optics</i> , <b>1997</b> , 64, 409-413	1.9	193
55	Excited state absorption measurements and laser potential of Cr <sup>4+</sup> doped Ca <sub>2</sub> GeO <sub>4</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1997</b> , 64, 647-650	1.9	9
54	Efficient laser performance of Nd:YAG at 946 nm and intracavity frequency doubling with LiJO <sub>3</sub> , BaB <sub>2</sub> O <sub>4</sub> , and LiB <sub>3</sub> O <sub>5</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1997</b> , 65, 789-792	1.9	72
53	Spectroscopy, excited-state absorption and stimulated emission in Pr <sup>3+</sup> -doped Gd <sub>2</sub> SiO <sub>5</sub> and Y <sub>2</sub> SiO <sub>5</sub> crystals. <i>Journal of Luminescence</i> , <b>1997</b> , 71, 27-35	3.8	32
52	Up-conversion processes in laser crystals. <i>Journal of Luminescence</i> , <b>1997</b> , 72-74, 1-3	3.8	36
51	Excited state absorption and its influence on the laser behavior of Cr <sup>4+</sup> -doped garnets. <i>Journal of Luminescence</i> , <b>1997</b> , 72-74, 222-223	3.8	7
50	Crystal growth, spectroscopic and laser characterization of Nd: CSB crystals. <i>Journal of Luminescence</i> , <b>1997</b> , 72-74, 826-828	3.8	8
49	Excited-state absorption and stimulated emission measurements in Cr <sup>4+</sup> :forsterite. <i>Journal of Luminescence</i> , <b>1997</b> , 75, 319-325	3.8	19
48	Excited state absorption and laser potential of Mn <sup>5+</sup> -doped Li <sub>3</sub> PO <sub>4</sub> . <i>Chemical Physics Letters</i> , <b>1997</b> , 265, 264-270	2.5	16
47	Rare-earth doped chalcogenide glass laser. <i>Electronics Letters</i> , <b>1996</b> , 32, 666	1.1	79
46	Investigation of diode-pumped 2.8-microm laser performance in Er:BaY(2)F(8). <i>Optics Letters</i> , <b>1996</b> , 21, 48-50	3	42
45	Passively Q-switched 180-ps Nd:LaSc(3)(BO(3))(4) microchip laser. <i>Optics Letters</i> , <b>1996</b> , 21, 405-7	3	69
44	Investigation of diode-pumped 2.8-microm Er:LiYF(4) lasers with various doping levels. <i>Optics Letters</i> , <b>1996</b> , 21, 585-7	3	93
43	Efficient intracavity frequency doubling of a passively mode-locked diode-pumped neodymium lanthanum scandium borate laser. <i>Optics Letters</i> , <b>1996</b> , 21, 1567-9	3	11
42	Luminescence and time-resolved excited state absorption measurements in Pr <sup>3+</sup> -doped La <sub>2</sub> Be <sub>2</sub> O <sub>5</sub> and KGd (WO <sub>4</sub> ) <sub>2</sub> crystals. <i>Optical Materials</i> , <b>1996</b> , 5, 111-118	3.3	18
41	Spectroscopic properties and lasing of Nd:Gd <sub>0.5</sub> La <sub>0.5</sub> VO <sub>4</sub> crystals. <i>Optics Communications</i> , <b>1996</b> , 124, 63-68	2	24

40	Electronic and vibronic transitions of the Cr <sup>4+</sup> -doped garnets Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> , Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> , Y <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> and Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> . <i>Journal of Luminescence</i> , <b>1996</b> , 68, 1-14	3.8	52
39	Infrared excited-state absorption and stimulated-emission cross sections of Er <sup>3+</sup> -doped crystals. <i>Applied Physics B: Lasers and Optics</i> , <b>1995</b> , 61, 151-158	1.9	150
38	Spectroscopic properties of Cr <sup>4+</sup> -doped LiAlO <sub>2</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1995</b> , 61, 33-36	1.9	18
37	Experimental determination of radiative-transition rates and quantum efficiencies in Er <sup>3+</sup> : YAlO <sub>3</sub> . <i>Optics Communications</i> , <b>1995</b> , 118, 250-254	2	10
36	Spectroscopic properties and diode pumped 1.6 $\mu$ m laser performance in Yb-codoped Er: Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> and Er: Y <sub>2</sub> SiO <sub>5</sub> . <i>Optics Communications</i> , <b>1995</b> , 118, 557-561	2	114
35	Excited state properties of ferrate (VI) doped crystals of K <sub>2</sub> SO <sub>4</sub> and K <sub>2</sub> CrO <sub>4</sub> . <i>Journal of Luminescence</i> , <b>1995</b> , 65, 293-301	3.8	24
34	Excited state absorption of Fe <sup>3+</sup> in garnet crystal. <i>Radiation Effects and Defects in Solids</i> , <b>1995</b> , 136, 19-20.9		1
33	Near-infrared emission of Cr <sup>4+</sup> -doped garnets: Lifetimes, quantum efficiencies, and emission cross sections. <i>Physical Review B</i> , <b>1995</b> , 51, 17323-17331	3.3	97
32	Spectroscopy and green upconversion laser emission of Er <sup>3+</sup> -doped crystals at room temperature. <i>Journal of Applied Physics</i> , <b>1994</b> , 76, 1413-1422	2.5	100
31	Spectroscopic characterization and laser performance of diode-laser-pumped Nd: GdVO <sub>4</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1994</b> , 58, 373-379	1.9	288
30	A 180 mW Nd:LaSc <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> single-frequency TEM <sub>00</sub> microchip laser pumped by an injection-locked diode-laser array. <i>Applied Physics B: Lasers and Optics</i> , <b>1994</b> , 58, 381-388	1.9	23
29	Stimulated emission and laser action of Pr <sup>3+</sup> -doped YAlO <sub>3</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1994</b> , 58, 413-420	1.9	62
28	Efficient Continuous Wave-laser emission of Pr <sup>3+</sup> -doped fluorides at room temperature. <i>Applied Physics B: Lasers and Optics</i> , <b>1994</b> , 58, 149-151	1.9	99
27	Tunable room-temperature laser action of Cr <sup>4+</sup> -doped Y <sub>3</sub> ScxAl <sub>5-x</sub> O <sub>12</sub> . <i>Applied Physics B: Lasers and Optics</i> , <b>1994</b> , 58, 153-156	1.9	52
26	High resolution spectroscopy of Cr <sup>4+</sup> doped Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> . <i>Journal of Luminescence</i> , <b>1994</b> , 60-61, 192-196.8		34
25	Infrared excited state absorption of Ni <sup>2+</sup> doped crystals. <i>Journal of Luminescence</i> , <b>1994</b> , 60-61, 197-200.3.8	3.8	11
24	Stimulated emission and excited-state absorption at room temperature on the 550 nm-laser transition in Er <sup>3+</sup> doped YAlO <sub>3</sub> . <i>Journal of Luminescence</i> , <b>1994</b> , 60-61, 842-845	3.8	9
23	Intracavity frequency doubling of a continuous-wave, diode-laser-pumped neodymium lanthanum scandium borate laser. <i>Optics Letters</i> , <b>1994</b> , 19, 1436-8	3	37

22	Spectroscopic properties and efficient diode-pumped laser operation of neodymium-doped lanthanum scandium borate. <i>IEEE Journal of Quantum Electronics</i> , <b>1994</b> , 30, 913-917	2	88
21	Green upconversion continuous wave Er <sup>3+</sup> :LiYF <sub>4</sub> laser at room temperature. <i>Applied Physics Letters</i> , <b>1994</b> , 65, 383-384	3-4	117
20	. <i>IEEE Journal of Quantum Electronics</i> , <b>1993</b> , 29, 2508-2512	2	71
19	Er <sup>3+</sup> :YLiF <sub>4</sub> continuous wave cascade laser operation at 1620 and 2810 nm at room temperature. <i>Applied Physics Letters</i> , <b>1993</b> , 62, 541-543	3-4	31
18	Green up-conversion laser emission in Er-doped crystals at room temperature. <i>Applied Physics Letters</i> , <b>1993</b> , 63, 2030-2031	3-4	76
17	Passive Q-switching and mode locking of 2-um lasers <b>1993</b> , 1864, 186		10
16	Room-temperature green laser emission of Er:LiYF <sub>4</sub> . <i>Applied Physics Letters</i> , <b>1993</b> , 63, 729-730	3-4	47
15	Quasi-continuous wave laser operation of Cr <sup>4+</sup> -doped Y <sub>2</sub> SiO <sub>5</sub> at room temperature. <i>Optics Communications</i> , <b>1993</b> , 101, 195-198	2	46
14	Polarized and time-resolved measurements of excited-state absorption and stimulated emission in Ti:YAlO <sub>3</sub> and Ti:Al <sub>2</sub> O <sub>3</sub> . <i>Applied Physics A: Solids and Surfaces</i> , <b>1993</b> , 57, 309-313		18
13	Pulsed laser action of Pr:GdLiF <sub>4</sub> at room temperature. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , <b>1993</b> , 57, 239-241		18
12	Spectroscopic characterization of V <sup>4+</sup> -doped Al <sub>2</sub> O <sub>3</sub> and YAlO <sub>3</sub> . <i>Journal of Luminescence</i> , <b>1993</b> , 55, 55-63.8		39
11	Mode locking of room-temperature cw thulium and holmium lasers. <i>Applied Physics Letters</i> , <b>1992</b> , 60, 1161-1162	3-4	19
10	Time-resolved spectra of excited-state absorption in Er <sup>3+</sup> doped YAlO <sub>3</sub> . <i>Applied Physics A: Solids and Surfaces</i> , <b>1992</b> , 54, 404-410		39
9	Time-resolved measurement of excited-state populations in atomic systems. <i>Physica Status Solidi A</i> , <b>1992</b> , 130, K121-K123		2
8	Spectroscopy of Ni <sup>2+</sup> -doped garnets and perovskites for solid state lasers. <i>Journal of Luminescence</i> , <b>1991</b> , 48-49, 564-568	3.8	30
7	30 Hz operation of 2H <sub>o</sub> and Tm-lasers. <i>Optics Communications</i> , <b>1990</b> , 80, 47-51	2	22
6	Continuous wave 1.6 μm laser action in Er doped garnets at room temperature?. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , <b>1989</b> , 49, 269-273		64
5	Optical spectroscopy of Cr <sup>3+</sup> in ScF <sub>3</sub> and Sc <sub>2</sub> O <sub>3</sub> . <i>Journal of Luminescence</i> , <b>1988</b> , 39, 259-268	3.8	21

4	Energy transfer and inversion saturation in Tm, Ho: YAG. <i>Journal of Luminescence</i> , <b>1988</b> , 40-41, 509-510	3.8	13
3	cw laser action of Er <sup>3+</sup> in double sensitized fluoroaluminate glass at room temperature. <i>Applied Physics Letters</i> , <b>1988</b> , 52, 255-256	3.4	15
2	. <i>IEEE Journal of Quantum Electronics</i> , <b>1988</b> , 24, 920-923	2	89
1	. <i>IEEE Journal of Quantum Electronics</i> , <b>1988</b> , 24, 924-933	2	264