

CITATION REPORT

List of articles citing

Solid-State Laser Engineering

DOI: 10.1007/978-1-4757-8519-7

Springer Series in Optical Sciences, 1976, , .

Source: <https://exaly.com/paper-pdf/83460989/citation-report.pdf>

Version: 2024-04-11

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
226	Temperature and wavelength dependent properties of multiplate reflectors. 1977 , 13, 950-954		3
225	Application of holographic interferometry to a study of wave propagation in rock. 1977 , 17, 281-289		6
224	Nitrogen-laser-pumped single-mode dye laser. 1978 , 17, 41-44		52
223	Nonstationary intracavity stimulated raman scattering by polaritons. 1978 , 17, 393-400		
222	High-energy dye laser pumped by wall-ablation lamps. 1978 , 15, 191-196		10
221	Compact satellite ranging laser subsystem. 1978 , 14, 701-701		1
220	Pulsed Holographic Analysis of Large Vibrating Vehicle Components. 1979 ,		
219	Laser properties of YAG : Nd grown from the melt contained in molybdenum crucibles. 1979 , 29, 1282-1292		15
218	Investigations on the thermoluminescence of X-rayed YAG crystals. 1980 , 61, 357-364		14
217	Investigation of the spatial coherence of a laser beam by a laser-induced grating method. 1980 , 23, 299-302		11
216	Coherence time measurement of picosecond pulses by a light-induced grating method. 1980 , 21, 215-219		79
215	Tunable alexandrite lasers. 1980 , 16, 1302-1315		318
214	High repetition rate electrooptic Q-switching of Nd ³⁺ :YAG lasers showing strong optical birefringence. 1980 , 16, 439-445		3
213	Pulse stretching in a Q-switched Nd:YAG laser. 1980 , 16, 790-794		31
212	Temperature dependent phase-matched nonlinear optical devices using CdSe and ZnGeP ₂ . 1980 , 16, 838-843		31
211	Flame studies with the coherent anti-Stokes Raman spectroscopy technique. 1980 ,		0
210	Performance analysis of a dye-switched ruby laser under the step function Q-switch model. 1981 , 17, 92-95		1

209	Solid-state disk amplifiers for fusion-laser systems. 1981 , 17, 1744-1755	15
208	Luminescence due to the disintegration of transient colour centres in YAG : Nd single crystals. 1981 , 31, 659-663	3
207	Oscillatory Phenomena and Q Switching in a Model for a Laser with a Saturable Absorber. 1981 , 47, 1895-1898	45
206	Holographic vibration measurement of a rotating fluttering fan. 1982 ,	2
205	Picosecond duration laser pulse generation by simultaneous active-passive mode-locking in Ar ⁺ ion and dye lasers. 1983 , 15, 487-496	3
204	Spectral development of picosecond pulses of mode-locked Nd-glass lasers. 1983 , 19, 567-573	9
203	Reduced thermal focusing and birefringence in zig-zag slab geometry crystalline lasers. 1983 , 19, 1351-1354	44
202	Holographic vibration measurment of a rotating fluttering fan. 1984 , 22, 234-241	5
201	Laser properties of yag: Nd, Cr, Ce. 1984 , 34, 581-588	15
200	A study of the self-injected laser for subnanosecond pulse generation. 1984 , 35, 95-104	9
199	Single axial mode operation of aQ-switched Nd:YAG oscillator by injection seeding. 1984 , 20, 117-125	81
198	The slab geometry laser - Part I: Theory. 1984 , 20, 289-301	227
197	Performance of a Nd: YAG oscillator/ampflifier with phase-conjugation via stimulated Brillouin scattering. 1985 , 36, 83-92	73
196	KDP Q-switches and second harmonic generator for high-power solid-state lasers. 1985 , 57, 313-316	1
195	Picosecond Pulse Generation by Self-Phase Modulation in an Actively Mode-Locked and Q-Switched Phosphate Glass Laser. 1985 , 24, 1008-1017	9
194	Properties of Alexandrite Lasers. 1985 , 43-67	1
193	Tunable alexandrite lasers: Development and performance. 1985 , 21, 1568-1581	104
192	The slab geometry laser - Part II: Thermal effects in a finite slab. 1985 , 21, 1195-1210	92

191	Comparative study of the optical pumping efficiency in solid-state lasers. 1985 , 21, 1211-1218	24
190	A proposed 1 kW average power moving slab Nd:Glass laser. 1986 , 22, 2052-2057	14
189	Effect of laser mode structure on stimulated Brillouin scattering. 1986 , 22, 2161-2167	57
188	Theory of superfluorescent fiber lasers. 1986 , 4, 1631-1639	41
187	Continuous-wave oscillation of a monomode neodymium-doped fibre laser at 0.9 μ m on the 4F32-4I92 transition. 1986 , 58, 405-408	30
186	Design of a self-injected unstable cavity Nd: YAG Laser. 1986 , 39, 131-134	2
185	Spectral and laser properties of YAP:Nd grown in reducing atmosphere. 1986 , 36, 751-758	11
184	A high-efficiency, compact Nd-YAG laser for eye microsurgery. 1986 , 1, 19-24	1
183	Multiple-pass amplifiers for high-power laser systems. 1987 , 5, 115-124	6
182	Optical properties of a homogeneously broadened two-level system. 1987 , 36, 5200-5204	8
181	. 1987 , 5, 1645-1651	27
180	A novel injection and switchout scheme for multipass laser amplifiers. 1987 , 23, 407-410	
179	. 1987 , 23, 575-592	115
178	Neodymium activated yttrium-aluminum-garnet (YAG:Nd) lasers. 1987 , 8, 189-282	1
177	Dynamic absorption effects in KrF* amplifiers. 1987 , 42, 11-15	18
176	Feedback control of an actively-passively mode-locked Nd:Glass laser. 1987 , 43, 209-212	27
175	The growth and some properties of doped YAlO ₃ single crystals. 1987 , 61, 231-234	4
174	KDP Q-Switch with decreased piezooptic influences. 1987 , 61, 247-250	1

173	Luminescence sensitization in Nd-Cr-Ce doped yttrium aluminates. 1987 , 37, 1277-1287	14
172	Prospects of solid state lasers for material processing. 1988 , 11, 261-268	
171	Growth of YAP in reducing conditions. 1988 , 38, 181-187	4
170	Laser properties of coactivated YAP: Nd free of colour centres. 1988 , 38, 1281-1287	2
169	Preparation, structure, and spectroscopic properties of Nd3+:{La1-xLux}3. 1988 , 37, 9129-9139	32
168	Relaxation oscillation studies in Nd: YAG laserSome new results. 1988 , 31, 41-45	
167	. 1988 , 24, 1193-1200	11
166	Measurement of Extraction Efficiency and Excitation Efficiency of Lasers. 1988 , 35, 807-813	17
165	. 1988 , 24, 418-426	14
164	. 1988 , 24, 1124-1140	144
163	. 1988 , 24, 1151-1166	12
162	. 1988 , 24, 1178-1180	16
161	. 1988 , 24, 1222-1228	112
160	. 1988 , 24, 1821-1824	14
159	. 1988 , 24, 2243-2252	243
158	Light-gasdynamic-induced refractive index changes and beam propagation in fast-pumped high-power photodissociation lasers. 1988 , 31, 1910	2
157	Determination of Ruby R-Lines Profile by Tunable Dye Laser. 1988 , 27, 334-335	
156	Optical Pump Systems. <i>Springer Series in Optical Sciences</i> , 1988 , 247-349	0.5

155	Lasers in Industry: Metalworking Processes and Systems. 1988 , T23, 288-292	3
154	A frequency doubled Chemical Oxygen Iodine Laser. 1988 ,	
153	Terawatt lasers. 1989 , 30, 355-365	13
152	Stabilization of a CW Mode-Locked YAG Laser Using Feedback with an Acousto-Optic Modulator. 1989 , 28, 391-395	1
151	Libri ricevuti. 1989 , 11, 1865-1868	
150	Investigation of electric field distribution in Z-cut KDP Q-switch modulator crystals. 1989 , 65, 395-404	
149	. 1989 , 25, 214-220	244
148	. 1989 , 25, 430-437	6
147	. 1989 , 25, 1855-1862	31
146	. 1989 , 25, 2142-2148	7
145	. 1989 , 25, 2431-2440	28
144	Measurement of Frequency Sweep in a Quasi-c.w. Diode-laser Array, and Its Implication for Pumping Solid-state Lasers. 1989 , 36, 1-6	3
143	High-energy Q-switched Single Longitudinal Mode Operation from Solid-state Ring Lasers. 1990 , 37, 511-516	1
142	A ring-cavity for a quadrupled Nd-Yag lasera. 1990 , 12, 927-933	4
141	Absorption background and laser properties of YAP:Nd. 1990 , 40, 99-108	11
140	Yttrium aluminate crystals for slabs. 1990 , 40, 1283-1287	2
139	Laser cutting of amorphous alloy ribbon and POWERCORE [®] consolidated metal strip. 1990 , 12, 59-68	3
138	Generation of picosecond pulses with a large axial interval in the IR and visible spectral regions. 1990 , 52, 10-13	

137	Bulk and local elastic relaxation around optically excited centers. 1990 , 42, 1917-1921	8
136	Dauerstrich-Festkörperlaser/Festkörperlaser für die Materialbearbeitung. 1990 , 46, A-837-A-859	
135	Detectors and Generators of Electromagnetic Radiation. 1990 , 177-216	1
134	. 1990 , 26, 158-168	26
133	. 1990 , 26, 558-569	71
132	. 1991 , 27, 2129-2134	12
131	. 1991 , 27, 146-151	6
130	Ground-State Lifting A New Method for Increasing the Stimulated-Emission Excitation Effectiveness of Activated Laser Crystals. 1991 , 125, 343-352	4
129	Bridgman Growth and Stimulated-Emission Spectroscopy of Orthorhombic LuAlO ₃ Single Crystals Doped with Nd ³⁺ and Pr ³⁺ Ions. 1991 , 125, 353-361	10
128	Pure and Nd ³⁺ -, Pr ³⁺ -Ion Doped Trigonal Acentric LaBGeO ₅ Single Crystals Nonlinear Optical Properties, Raman Scattering, Spectroscopy, Crystal-Field Analysis, and Stimulated Emission of Their Activators. 1991 , 125, 671-696	76
127	.	
126	. 1992 , 28, 1075-1080	13
125	. 1992 , 28, 1188-1196	53
124	New Room-Temperature Diode-Laser-Pumped CW Lasers Based on Nd ³⁺ -Ion Doped Crystals. 1992 , 129, K119-K124	8
123	. 1993 , 11, 1459-1469	5
122	Optimum beam launching conditions for graded index optical fibres: theory and practice. 1993 , 140, 221	
121	Spray Cooling of a High Power Laser Diode. 1994 ,	1
120	Acentric disordered Nd ³⁺ :La ₃ Ga ₅ SiO ₁₄ crystal. A broadband luminescence material with high thermal conductivity to generate picosecond laser pulses. 1994 , 146, 833-841	30

119	. 1994 , 6, 362-364	19
118	Analysis of TEM00 laser beam quality degradation caused by a birefringent Nd: YAG rod. 1995 , 27, 777-783	38
117	Beam quality degradation of polarized, circularly symmetric beams caused by a birefringent Nd:YAG rod. 1995 , 118, 457-461	7
116	Distribution Coefficient of Rare-Earth Active Ions in Calcium Niobium Gallium Garnet. 1995 , 34, 4894-4897	11
115	Optical properties of single crystals of gallium-substituted NYAB: Y1-xNd _x (Al _{1-y} Ga _y) ₃ (BO ₃) ₄ . 1995 , 5, 265-271	3
114	. 1995 , 31, 1619-1625	2
113	. 1995 , 31, 1890-1901	304
112	A high average power rotating hollow cylinder Nd : glass laser. 1996 , 63, 585-591	4
111	Improved probe geometry and detection scheme for fluorescence lifetime based temperature optical sensor. 1996 ,	
110	Primary Photochemical Processes in Thymine in Concentrated Aqueous Solution Studied by Femtosecond UV Spectroscopy. 1996 , 100, 5570-5577	48
109	Relaxation Oscillations in Fiber-Grating-Tuned Erbium-Doped Fiber Lasers. 1997 , 36, 7207-7211	1
108	Passive Q-switching of a neodymium laser by a Cr ⁴⁺ : YAG crystal switch. 1997 , 27, 972-977	17
107	A generalized model for passively Q-switched lasers including excited state absorption in the saturable absorber. 1997 , 33, 41-44	145
106	High-power single-frequency operation, at 1064 nm and 1061.4 nm of a Nd:YAG ring laser end-pumped by a beam-shaped diode bar. 1997 , 135, 89-92	9
105	On the use of dielectric gratings in compressors of electromagnetic radiation pulses. 1998 , 41, 502-510	
104	Effects of thermalization on Q-switched laser properties. 1998 , 34, 887-899	58
103	430-mW single-transverse mode diode-pumped Nd:YVO ₄ /sub 4/ laser at 671 nm. 1998 , 34, 1297-1300	32
102	Efficient wavelength conversion with high-power passively Q-switched diode-pumped neodymium lasers. 1998 , 34, 1480-1484	20

101	Quantitative information from time series: Cr:yttrium-aluminum-garnet cross-section measurement. 1999 , 60, 663-666	1
100	Optical properties and spectroscopic parameters of Nd ³⁺ -doped phosphate and borate glasses. 1999 , 12, 53-63	71
99	One- and two-photon stimulated emission in oligothiophenes single crystals. 1999 , 12, 255-259	11
98	Inter-Stark Energy Levels and Effects of Temperature on Sharp Emission Lines of Nd ³⁺ in LiYF ₄ . 1999 , 173, 521-534	19
97	Z-scan measurement of the ground and excited state absorption cross sections of Cr/sup 4+/ in yttrium aluminum garnet. 1999 , 35, 1086-1091	53
96	Modeling of diode-pumped actively Q-switched lasers. 1999 , 35, 1912-1918	57
95	Optical study of chromium doped LaGaO ₃ single crystal. 1999 , 284, 22-26	21
94	Mid-infrared emissions and energy transfer in Ge _{1-x} Te _x glasses doped with Dy ³⁺ . 1999 , 256-257, 260-265	27
93	Observation of stimulated Raman scattering in Y ₃ Al ₅ O ₁₂ single crystals and nanocrystalline ceramics and in these materials activated with laser ions Nd ³⁺ and Yb ³⁺ . 2000 , 72, 499-502	21
92	Reflection coefficient determination of the complex resonator mirrors in solid state laser. 2000 , 33, 245-249	
91	Synthesis and Fluorescence of Neodymium-Doped Barium Fluoride Nanoparticles. 2000 , 12, 1969-1976	134
90	Quasi-3-D beam-propagation method for modeling nonlinear wavelength conversion. 2001 , 19, 772-779	3
89	Saturation of bunch-wave interaction in an active medium. 2001 , 87, 134802	6
88	2.0 μ m Emission Properties and Energy Transfer between Ho ³⁺ and Tm ³⁺ in PbO-Bi ₂ O ₃ -Ga ₂ O ₃ Glasses. 2004 , 83, 787-791	47
87	Hydrothermal synthesis of Nd ³⁺ -doped orthoborate nanoparticles that emit in the near-infrared. 2004 , 177, 3346-3350	15
86	1.06 μ m Laser Characteristics Of Nd ³⁺ :KLa(WO ₄) ₂ Crystal. 2004 , 8, 68-70	5
85	Influence of Thermal Deformations in the Solid Laser Medium on the Emitted Radiation Parameters. 2005 , 219, 823-827	2
84	Q-switched rate equations for diode side-pumped slab and zigzag slab lasers including Gaussian beam shapes. 2005 , 41, 1278-1284	5

83	Optical Materials and Their Properties. 2007 , 249-372	4
82	An alternative method to specify the degree of resonator stability. 2007 , 68, 571-580	5
81	A simple experiment on slow light in ruby. 2008 , 76, 826-832	9
80	Collisions of the second kind in a Penning trap. 2009 , 102, 034801	5
79	Optical Resonators. 2011 , 143-200	
78	Medical High Power Ho:YAG Laser Design. 2012 ,	
77	Optical Materials and Their Properties. 2012 , 253-399	2
76	Specificities of laser pulse amplification in multi-pass amplifiers. 2014 ,	
75	Dynamical features of loss and pump modulation in an erbium-doped fibre ring laser. 2015 , 17, 125402	4
74	Efficient Nd:YAG based solar pumped single mode laser. 2016 ,	1
73	Modeling of thermal lensing in a [1 1 1]-cut Nd:YAG rod with temperature-dependent parameters and different pumping profiles. 2017 , 27, 055002	2
72	Dynamical bistability of a loss modulated erbium doped fiber ring laser. 2017 , 123, 1	2
71	Laser Spark Plug for Ignition of Fuel Mixtures in Thermal Engines. 2018 ,	2
70	Change the morphology of lithium oxides by Nd-Yag laser beam to use as a sand in water-cooled reactors. 2018 ,	
69	On the exploration of effect of critical beam power on the propagation of Gaussian laser beam in collisionless magnetized plasma. 2018 ,	2
68	Proposed liquid-cooled nanowire lasers. 2018 , 26, 4665-4673	4
67	Nd doped CaYAl ₃ O ₇ : exploration and laser performance of a novel disordered laser crystal. 2020 , 22, 4723-4729	4
66	Channel-Dependent Scheduling in Wireless Energy Transfer for Mobile Devices. 2020 , 69, 3330-3340	1

65	Improving laser power stability with a photosensitive lens. 2021 , 92, 083003		
64	Tunable paramagnetic-ion solid-state lasers. 1992 , 331-398		2
63	Continuous Wave and Transient Laser Behavior. 1982 , 145-200		1
62	Types of Lasers. 1982 , 201-267		14
61	Extracavity Pulse Compressor and Intracavity Mode-Locking with Saturable and Reverse Saturable Absorbers. 1986 , 123-127		1
60	Future Pulsed Magnetic Field Applications in Dynamic High Pressure Research. 1979 , 2013-2024		1
59	Laser Sources. 1980 , 1-16		1
58	Lasers. <i>Springer Series in Optical Sciences</i> , 1986 , 145-172	0.5	1
57	Glass Laser Physics. <i>Springer Series in Optical Sciences</i> , 1981 , 1-57	0.5	1
56	Mechanisms of Grating Formation and Grating Materials. <i>Springer Series in Optical Sciences</i> , 1986 , 38-93	0.5	2
55	Alexandrite Laser Amplifiers. <i>Springer Series in Optical Sciences</i> , 1986 , 166-174	0.5	1
54	Chirped Pulse Amplification: Present and Future. 1988 , 2-7		2
53	Tunable Paramagnetic-Ion Solid-State Lasers. 1987 , 331-398		9
52	Construction and temporal behaviour study of multi RLC intense light pulses for dermatological applications. 2017 , 19, 325-333		1
51	Laser-Diode-Pumped Alexandrite Laser. 1991 ,		1
50	Thermal Effects. <i>Springer Series in Optical Sciences</i> , 2001 , 99-121	0.5	
49	CW-pumped low-threshold Erbium fiber laser passively Q switched with Co ²⁺ :ZnSe crystal. 2001 ,		
48	Fundamentals of Solid-State Lasers. <i>Springer Series in Optical Sciences</i> , 2001 , 3-44	0.5	

- 47 Development of High-Average-Power Laser Based on Silica Glass. **2007**, 35, 657-662
- 46 The Mode Selecting Technology. **2010**, 227-266
- 45 The Q Modulating (Q-switching) Technology. **2010**, 87-138
- 44 The Laser Amplifying Technology. **2010**, 191-226
- 43 Some Laser Systems. **2011**, 277-289
- 42 Laser-Produced Plasmas for Bio-Photonics. **2011**, 305-319
- 41 The theoretical study on abnormal experimental phenomenon of the elongated rod Nd:glass pulsed laser. **2012**, 61, 194207
- 40 Lasers. *Springer Series in Optical Sciences*, **1977**, 144-170 0.5 1
- 39 Review of Optical Physics. **1980**, 13-63
- 38 Detectors and Generators of Electromagnetic Radiation. **1980**, 175-213
- 37 Multiple Controlled-Reactance Parametric Circuits. **1982**, 219-275
- 36 Slab geometry solid state lasers. **1982**, 1
- 35 Pumping Processes. **1982**, 81-105
- 34 Laser Beam Transformation. **1982**, 297-333
- 33 Lasers. *Springer Series in Optical Sciences*, **1984**, 150-178 0.5
- 32 The Laser [An Unprecedented Light Source. *Springer Series in Optical Sciences*, **1984**, 1-20 0.5
- 31 Modeling Studies and Experimental Performance of Slab Geometry Lasers. *Springer Series in Optical Sciences*, **1985**, 97-100 0.5
- 30 Laser Radiation. **1985**, 120-134

- 29 The Laser [An Unprecedented Light Source. *Springer Series in Optical Sciences*, **1986**, 1-20 0.5
- 28 First Order Coherence of Vacuum Fluctuations: Optical Pumping Experiments in Presence of Electromagnetic Boundaries. *Springer Proceedings in Physics*, **1986**, 188-199 0.2
- 27 Untersuchung des thermischen Verhaltens und der Strahlqualität eines Nd-Glas Slab Lasers. **1986**, 50-54
- 26 Multiple Pulse Q-switched Nd: YAG Laser. **1986**, 262-266
- 25 Properties and Performance of Promethium Lasers*. **1987**,
- 24 Effects of Excited State Absorption on Optical Pulse Propagation. **1988**, 49-55
- 23 Schneiden Mit Gepulsten Festkörperlaser. **1988**, 9-25
- 22 Excited-State Absorption of Pump Radiation as a Loss Mechanism. **1989**,
- 21 Continuous Wave and Transient Laser Behavior. **1989**, 207-286
- 20 Second Order Nonlinear Optical Effects. *Springer Series on Wave Phenomena*, **1990**, 8-23
- 19 Diode Pumped cw Mode-Locked Nd:Glass Laser: Performance and Limitations. *Springer Proceedings in Physics*, **1990**, 56-60 0.2
- 18 Thermische Effekte. *Laser in Technik Und Forschung*, **1990**, 90-110
- 17 Eigenschaften verschiedener Lasertypen. *Laser in Technik Und Forschung*, **1991**, 55-100
- 16 Passive Resonatoren. *Laser in Technik Und Forschung*, **1992**, 97-218
- 15 Aktive Resonatoren. *Laser in Technik Und Forschung*, **1992**, 219-308
- 14 Optical Pump Systems. *Springer Series in Optical Sciences*, **1992**, 275-380 0.5
- 13 Industrial application of holographic interferometry. **1993**, 213-274
- 12 Energietransfer und Effizienz. *Laser in Technik Und Forschung*, **1995**, 11-23

11	Laser Transitions Characterization by Spectral and Thermal Dependences of the Transient Oscillations in the Fiber Lasers. 1995 , 813-824		
10	Festkörperlaser-Materialien. <i>Laser in Technik Und Forschung</i> , 1995 , 98-135		
9	The Optimization of Output Characteristics of Flash Lamp Pumped Cr:Tm:Ho:YAG Laser. 1996 , 316-323		
8	The Theoretical Study on Abnormal Experimental Phenomenon of the Elongated Rod Nd:Glass Q-Switch Pulsed Laser. <i>Optoelectronics</i> , 2015 , 05, 19-25	0.1	
7	Linear Optical Properties. <i>Springer Handbooks</i> , 2019 , 169-191	1.3	0
6	Non-radiative Transition Inside Ions. <i>Springer Series in Materials Science</i> , 2020 , 241-275	0.9	1
5	Light Scattering by Aerosols and Lidar Sensing of the Atmosphere. <i>Springer Series in Optical Sciences</i> , 1983 , 215-249	0.5	
4	Determination of the Microphysical Parameters of Aerosol Ensembles by the Method of Multifrequency Laser Sensing. <i>Springer Series in Optical Sciences</i> , 1983 , 80-162	0.5	0
3	Energy Levels and Spectroscopic Properties of Transition Metal Ions. <i>Springer Series in Materials Science</i> , 2020 , 203-239	0.9	
2	Optical properties of integrated type amplifiers using erbium doped crystal film waveguides.		
1	Laser Emission from A Monolithic Organic Single Crystal. 1997 ,		0