

Michal Malinowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparison between glass and crystal phase of europium $3\text{Å}+\text{Å}$ doped $\text{Bi}_2\text{ZnOB}_2\text{O}_6$. <i>Materials Letters</i> , 2022, 308, 131286.	1.3	3
2	Down-Shifting in the YAM: $\text{Ce}^{3+} + \text{Yb}^{3+}$ System for Solar Cells. <i>Materials</i> , 2021, 14, 2753.	1.3	5
3	Optical Transitions and Excited State Absorption Cross Sections of SrLaGaO_4 Doped with Ho^{3+} Ions. <i>Materials</i> , 2021, 14, 3831.	1.3	5
4	Transition intensity analysis and emission properties of Eu^{3+} : $\text{Bi}_2\text{ZnOB}_2\text{O}_6$ acentric biaxial single crystal. <i>Optical Materials</i> , 2020, 107, 110045.	1.7	7
5	Temperature and concentration dependent luminescence of Yb^{3+} centers in YAM. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155893.	2.8	6
6	Optical Investigation of Eu^{3+} Doped $\text{Bi}_{12}\text{GeO}_{20}$ (BGO) Crystals. <i>Crystals</i> , 2020, 10, 285.	1.0	14
7	Absorption intensity analysis and emission properties $\text{KEu}(\text{PO}_3)_4$ and $\text{KEu}_{1-x}\text{Y}_x(\text{PO}_3)_4$ crystals. <i>Journal of Luminescence</i> , 2019, 211, 138-143.	1.5	5
8	Short-wavelength luminescence of Eu^{3+} -doped $\text{KGd}(\text{WO}_4)_2$ crystals. <i>Optical Materials</i> , 2019, 98, 109507.	1.7	5
9	Spectroscopic characterization of orthorhombic $\hat{\Gamma}$ - BiB_3O_6 phase nonlinear single crystal doped with Pr^{3+} ions. <i>Journal of Luminescence</i> , 2019, 207, 251-257.	1.5	7
10	Spectroscopic properties and martensitic phase transition of $\text{Y}_4\text{Al}_2\text{O}_9:\text{Ce}$ single crystals under high pressure. <i>Acta Materialia</i> , 2019, 165, 346-361.	3.8	17
11	Spectroscopic properties and Judd-Ofelt analysis of Eu^{3+} in $\text{Y}_4\text{Al}_2\text{O}_9$ crystals. <i>Journal of Luminescence</i> , 2018, 196, 111-115.	1.5	27
12	Potential energy yield increase of a solar spectra down-converter equipped photovoltaic device in real operational conditions. <i>Solar Energy</i> , 2018, 165, 148-158.	2.9	7
13	Energy transfer and upconversion of Sm^{3+} ions in YAlO_3 . <i>Optical Materials</i> , 2017, 63, 128-133.	1.7	10
14	Site-selective energy upconversion in Pr^{3+} : $\text{Y}_4\text{Al}_2\text{O}_9$. <i>Journal of Alloys and Compounds</i> , 2017, 728, 1009-1015.	2.8	3
15	Electronic structure of Ce^{3+} in yttrium and lutetium orthoaluminate crystals and single crystal layers. <i>Journal of Alloys and Compounds</i> , 2017, 723, 157-163.	2.8	5
16	Sensitisation of Pr^{3+} in $\text{Y}_4\text{Al}_2\text{O}_9:\text{Ce}^{3+}+\text{Pr}^{3+}$ system for down-conversion of solar spectrum. <i>Journal of Luminescence</i> , 2017, 181, 133-137.	1.5	8
17	Laser site-selective spectroscopy of Eu^{3+} ions doped $\text{Y}_4\text{Al}_2\text{O}_9$. <i>Optical Materials</i> , 2016, 58, 412-417.	1.7	20
18	Site-selective laser spectroscopy of Sm^{3+} ions in $\text{Y}_4\text{Al}_2\text{O}_9$. <i>Journal of Luminescence</i> , 2016, 170, 330-335.	1.5	6

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19	A preliminary assessment of Lu ₂ Y ₂ Al ₂ O ₉ :Pr (LuYAM:Pr) as a potential scintillator. Radiation Measurements, 2016, 93, 41-45.	0.7	3
20	Scintillation properties of $\hat{1}/4$ PD-grown Y ₄ Al ₂ O ₉ :Pr (YAM:Pr) crystals. Journal of Alloys and Compounds, 2015, 632, 816-821.	2.8	12
21	Photonic Integrated Multichannel WDM Modulators for Data Read-Out Units. Journal of Lightwave Technology, 2014, 32, 4481-4489.	2.7	6
22	Ce ³⁺ multicolors in selected garnets, perovskites, and glasses. , 2014, , .		0
23	Temperature dependence of Er ³⁺ ionoluminescence and photoluminescence in Gd ₂ O ₃ :Bi nanopowder. Review of Scientific Instruments, 2014, 85, 064901.	0.6	3
24	Effect of temperature on the luminescence of Sm ³⁺ ions in YAM crystals. Journal of Alloys and Compounds, 2014, 612, 149-153.	2.8	18
25	Temperature dependence of $3P_0$ Pr ³⁺ fluorescence dynamics in Y ₄ Al ₂ O ₉ crystals. Applied Physics B: Lasers and Optics, 2013, 113, 277-283.	1.1	14
26	Data readout system utilizing photonic integrated circuit. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 725, 183-186.	0.7	3
27	Integrated Optical Delay Lines for Time-Division Multiplexers. IEEE Photonics Journal, 2013, 5, 7902109-7902109.	1.0	19
28	Pr ³⁺ -Based Fluorescent TiO ₂ Split Ring Resonator-Like Crystalline Microstructures. Science of Advanced Materials, 2013, 5, 921-926.	0.1	3
29	Blue emissions in Dy ³⁺ doped Y ₄ Al ₂ O ₉ crystals for temperature sensing. Optics Letters, 2012, 37, 5214.	1.7	111
30	Temperature and concentration quenching of Tb ³⁺ emissions in Y ₄ Al ₂ O ₉ crystals. Journal of Alloys and Compounds, 2012, 532, 92-97.	2.8	44
31	Optical transitions intensities of Dy ³⁺ :Y ₄ Al ₂ O ₉ crystals. Optical Materials, 2012, 34, 2002-2007.	1.7	35
32	Pressure-induced phase transition in LiLuF ₄ :Pr ³⁺ investigated by an optical technique. Journal of Physics Condensed Matter, 2012, 24, 115502.	0.7	8
33	Optical properties of GCG thin films doped with Ni ²⁺ and Co ²⁺ ions. , 2011, , .		0
34	High pressure luminescence and time resolved spectra of La ₂ Be ₂ O ₅ :Pr ³⁺ . Optical Materials, 2011, 34, 164-168.	1.7	8
35	Upconversion excitations in Pr ³⁺ -doped BaY ₂ F ₈ crystal. Applied Physics B: Lasers and Optics, 2011, 104, 873-881.	1.1	9
36	High pressure and time resolved luminescence spectra of Gd ₃ Ga ₅ O ₁₂ :Pr ³⁺ crystal. Optical Materials, 2011, 33, 1525-1529.	1.7	9

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37	Emission properties of (SrTiO ₃ ∧TiO ₂):Pr ³⁺ eutectic with self-organized fractal microstructure. Optical Materials, 2011, 33, 1519-1524.	1.7	8
38	Concentration effects on Pr ³⁺ luminescence in LaAlO ₃ crystals. Optical Materials, 2011, 33, 1004-1007.	1.7	25
39	Red, green and violet up-conversion in erbium doped telluride glasses. , 2011, , .		0
40	High pressure luminescence and time resolved spectra of LiNbO ₃ :Pr ³⁺ . Photonics Letters of Poland, 2011, 3, .	0.2	0
41	Modern application of lasers. Open Physics, 2010, 8, .	0.8	0
42	Specific spectral features of green to UV and violet up-conversion in Nd ³⁺ -doped fluorozirconate glass. , 2009, , .		0
43	Competition between two types of anti-Stokes emission in Ho ³⁺ -activated ZBLAN glass. Journal of Physics Condensed Matter, 2009, 21, 035113.	0.7	6
44	Up∧conversion mechanisms in Er ³⁺ doped YbAG crystals. Physica Status Solidi (B): Basic Research, 2009, 246, 1677-1685.	0.7	13
45	Short-wavelength luminescence in Ho ³⁺ -doped KGd(WO ₄) ₂ crystals. Journal of Luminescence, 2009, 129, 1505-1508.	1.5	11
46	Luminescence properties in the visible of Dy:YAG/YAG planar waveguides. Journal of Luminescence, 2009, 129, 1869-1873.	1.5	55
47	UV emission properties of thulium-doped fluorozirconate glasses. Journal of Luminescence, 2009, 129, 1874-1877.	1.5	14
48	Ultraviolet emission excitation in RE ³⁺ activated fluoride fibers. Optical Materials, 2009, 31, 484-489.	1.7	5
49	Orange and IR to violet up-conversion processes in Nd:ZBLAN glasses. Optical Materials, 2009, 31, 1811-1814.	1.7	5
50	Emission properties of TbScAl_3 . Physics Procedia, 2009, 2, 391-406.		
51	Intensity of optical transitions of Er ³⁺ in Yb ₃ Al ₅ O ₁₂ crystal. Optical Materials, 2008, 30, 703-706.	1.7	18
52	Initial state-resolved excited state absorption spectroscopy of ZBLAN:Ho ³⁺ glass. Applied Physics B: Lasers and Optics, 2008, 93, 809-816.	1.1	7
53	Investigation of structural perfection and faceting in highly Er-doped Yb ₃ Al ₅ O ₁₂ crystals. Crystal Research and Technology, 2008, 43, 369-373.	0.6	7
54	UV emission properties of highly Pr ³⁺ -doped YAG epitaxial waveguides. Journal of Luminescence, 2008, 128, 708-711.	1.5	10

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55	Short-wavelength emission analysis in Dy:ZBLAN glasses. <i>Optical Materials</i> , 2008, 30, 707-710.	1.7	22
56	Fluorescence properties in the visible of highly Pr ³⁺ doped YAG planar waveguides. <i>Optical Materials</i> , 2008, 30, 759-762.	1.7	13
57	Up-conversion and fluorescence quenching processes studies in highly Pr ³⁺ -doped YAG waveguides. <i>Journal of Alloys and Compounds</i> , 2008, 451, 190-193.	2.8	6
58	PrAlO ₃ ~PrAl ₁₁ O ₁₈ Eutectic: Its Microstructure and Spectroscopic Properties. <i>Crystal Growth and Design</i> , 2008, 8, 1243-1249.	1.4	22
59	Excited state absorption spectroscopy of ZBLAN:Ho ³⁺ glass~"experiment and simulation. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 155201.	0.7	32
60	Short wavelength emission properties of highly doped Dy ³⁺ :YAG/YAG planar waveguides. , 2007, , .		0
61	Control of AC/DC/AC Converter for Multi MW Wave Dragon Offshore Energy Conversion System. , 2007, , .		12
62	The PrAlO ₃ ~Pr ₂ O ₃ Eutectic, its Microstructure, Instability, and Luminescent Properties. <i>Chemistry of Materials</i> , 2007, 19, 2195-2202.	3.2	16
63	Energy Transfer Processes in Highly Rare~Earth~Doped Planar YAG Waveguides. <i>Spectroscopy Letters</i> , 2007, 40, 271-292.	0.5	6
64	Pressure effect on luminescence dynamics in Pr ³⁺ -doped LiNbO ₃ and LiTaO ₃ crystals. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 117-125.	0.7	22
65	Self-Organized, Rodlike, Micrometer-Scale Microstructure of Tb ₃ Sc ₂ Al ₃ O ₁₂ ~TbScO ₃ :Pr Eutectic. <i>Chemistry of Materials</i> , 2006, 18, 2450-2457.	3.2	78
66	<title>Operating schemes for Pr³⁺ and Pr³⁺+Yb³⁺ activated fluorozirconate fiber lasers in the visible</title>. , 2006, , .		0
67	Evidence for existence of the trapped exciton states in Pr ³⁺ -doped LiNbO ₃ crystal. <i>Optical Materials</i> , 2006, 28, 137-142.	1.7	24
68	Inhomogeneity of Ho ³⁺ activated SrLaGa ₃ O ₇ and SrLaGa ₄ O ₄ crystals studied by fluorescence line narrowing technique. <i>Optical Materials</i> , 2006, 28, 119-122.	1.7	5
69	Analysis of up-converted UV fluorescence dynamics in Nd ³⁺ doped ZBLAN glasses. <i>Optical Materials</i> , 2006, 28, 152-156.	1.7	8
70	<title>Infra-red to visible up-conversion in Yb³⁺Al⁵⁺O^{inf>} crystal</title>. , 2006, 6599, 13.		
71	Nd ³⁺ -doped yttrium aluminum garnet crystal as a near-infrared pressure sensor for diamond anvil cells. <i>Applied Physics Letters</i> , 2006, 88, 234102.	1.5	36
72	Modelling and optimization of Pr+Yb doped ZBLAN up-conversion fiber laser. , 2005, 5958, 700.		0

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73	Analysis of multi-photon pumping schemes for Nd:ZBLAN fiber laser operating in the UV and violet. , 2005, , .		1
74	Czochralski crystal growth, microstructure and spectroscopic properties of PrAlO ₃ perovskite. Journal of Crystal Growth, 2005, 282, 260-269.	0.7	33
75	High pressure photoluminescence study of Pr ³⁺ doped LiNbO ₃ crystal. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 188-191.	0.8	9
76	Evaluation of Three-Level Rectifiers for Low-Voltage Utility Applications. IEEE Transactions on Industrial Electronics, 2005, 52, 471-481.	5.2	88
77	Simple sensorless active damping solution for three-phase PWM rectifier with LCL filter. , 2005, , .		31
78	Active Filtering Function of Three-Phase PWM Boost Rectifier Under Different Line Voltage Conditions. IEEE Transactions on Industrial Electronics, 2005, 52, 410-419.	5.2	122
79	Sensorless operation of active damping methods for three-phase PWM converters. , 2005, , .		23
80	Emission from the high lying excited states of Ho ³⁺ ions in YAP and YAG crystals. Journal of Luminescence, 2004, 106, 269-279.	1.5	39
81	Nd:YAG microdisk laser generating in the fundamental mode. Optics Communications, 2004, 235, 435-443.	1.0	2
82	Optical transitions of Ho ³⁺ in SrLaGa ₃ O ₇ . Optical Materials, 2004, 25, 345-352.	1.7	31
83	Simple Direct Power Control of Three-Phase PWM Rectifier Using Space-Vector Modulation (DPC-SVM). IEEE Transactions on Industrial Electronics, 2004, 51, 447-454.	5.2	567
84	Ultra-violet emission in Ho:ZBLAN fiber. Journal of Alloys and Compounds, 2004, 380, 156-158.	2.8	30
85	Upconversion-induced ultraviolet emission in Ho ³⁺ doped SrLaGa ₃ O ₇ and SrLaGaO ₄ crystals. Journal of Alloys and Compounds, 2004, 380, 201-204.	2.8	20
86	High pressure spectroscopy of Pr ³⁺ in LiNbO ₃ . Journal of Alloys and Compounds, 2004, 380, 230-234.	2.8	15
87	Potentiality of Pr ³⁺ and Pr ³⁺ +Ce ³⁺ -doped crystals for tunable UV upconversion lasers. Optical Materials, 2003, 22, 139-146.	1.7	50
88	Luminescence of Nd ³⁺ in proton or helium-implanted channel waveguides in Nd:YAG crystals. Optical Materials, 2003, 24, 315-319.	1.7	30
89	Dynamics of the Up-Conversion Emission in Holmium Doped Zblan Fiber. Radiation Effects and Defects in Solids, 2003, 158, 469-473.	0.4	5
90	Luminescence and scintillation properties of YAG:Pr. IEEE Transactions on Nuclear Science, 2002, 49, 926-930.	1.2	17

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91	Infra-red to visible up-conversion in holmium-doped materials. Journal of Alloys and Compounds, 2002, 341, 353-357.	2.8	42
92	<title>Radio- and VUV-excited luminescence of YAP:Ce, YAP:Pr and YAG:Pr</title>. , 2001, , .		12
93	Room temperature photon avalanche in Ho ³⁺ doped YAG, YAP, YLF and ZBLAN. Journal of Alloys and Compounds, 2001, 323-324, 731-735.	2.8	26
94	Infra-red-to-visible wavelength upconversion in Sm ³⁺ -activated YAG crystals. Journal of Alloys and Compounds, 2001, 323-324, 736-739.	2.8	19
95	Optical transitions of Pr ³⁺ ions in Ca ₄ GdO(BO ₃) ₃ crystals. Journal of Alloys and Compounds, 2001, 323-324, 214-217.	2.8	18
96	<title>Czochralski growth and characterization of SrLaGa<math>\langle inf \rangle 3 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle O \langle math \rangle \langle inf \rangle 7 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle : Ho \langle math \rangle \langle sup \rangle 3 \langle /math \rangle </sup> doped single crystals</title>. , 2001, , .		0
97	Virtual-flux-based direct power control of three-phase PWM rectifiers. IEEE Transactions on Industry Applications, 2001, 37, 1019-1027.	3.3	552
98	Cooperative emission in Yb ³⁺ :YAG planar epitaxial waveguides. Journal of Luminescence, 2001, 94-95, 29-33.	1.5	45
99	<title>Optical properties of some borate single crystals</title>. , 2001, 4412, 74.		0
100	Blue-green emission of Pr ³⁺ ions in LiNbO ₃ . Journal of Physics Condensed Matter, 2000, 12, 709-718.	0.7	19
101	Energy transfer processes in Pr ³⁺ : Be ₂ La ₂ O ₅ crystals. Journal of Alloys and Compounds, 2000, 300-301, 430-434.	2.8	9
102	Optical transitions of Ho ³⁺ in YAG. Journal of Alloys and Compounds, 2000, 300-301, 389-394.	2.8	83
103	Spectroscopy and upconversion processes in YAlO ₃ :Ho ³⁺ crystals. Optical Materials, 1999, 12, 409-423.	1.7	75
104	Photon avalanche upconversion in YAlO ₃ : Ho ³⁺ crystals. Radiation Effects and Defects in Solids, 1999, 150, 79-83.	0.4	3
105	Optical spectra and analysis of Pr ³⁺ in \hat{I}^2 -NaYF ₄ . Journal of Alloys and Compounds, 1998, 275-277, 304-306.	2.8	37
106	Infrared-to-blue-wavelength upconversion in thin film grown by liquid phase epitaxy. Journal of Physics Condensed Matter, 1998, 10, 1909-1916.	0.7	11
107	<title>Czochralski growth of SrLaGa ₃ O ₇ :Pr ³⁺ doped single crystals and their optical and lasing properties</title>. , 1997, , .		1
108	<title>Comparison of structural and optical properties of LiNbO ₃ single crystals doped with Pr ³⁺ , Yb ³⁺ , and Pr ³⁺ + Yb ³⁺ ions</title>. , 1997, , .		13

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109	Recent advances in Dy ³⁺ -doped laser materials. , 1997, 3176, 60.		0
110	<title>Excitation emission spectra of laser materials for UV-VIS range</title>. , 1997, , .		3
111	<title>Growth and basic investigations of LiNbO ₃ single crystals doped with Dy ³⁺ ions</title>. , 1997, , .		1
112	<title>Modeling of light generation in planar waveguide dielectric lasers</title>. , 1997, , .		0
113	Absorption and emission properties of Pr ³⁺ -activated Be ₂ La ₂ O ₅ crystal. , 1997, , .		2
114	<title>Planar waveguide lasers and amplifiers</title>. , 1997, 3186, 373.		0
115	Spectroscopy of Dy ³⁺ -doped SrLaGa ₃ O ₇ crystals. Journal of Luminescence, 1997, 72-74, 224-225.	1.5	25
116	Blue up-conversion emission in Yb ³⁺ sensitized YAG:Pr ³⁺ . Journal of Luminescence, 1997, 75, 333-339.	1.5	14
117	Dynamics of the high lying excited states of Tm ³⁺ ions in YAG. Journal of Luminescence, 1996, 68, 115-127.	1.5	21
118	Spectroscopic and laser properties of SrLaGa ₃ O ₇ :Pr ³⁺ crystals. Optical Materials, 1996, 6, 305-312.	1.7	32
119	One color, pulsed excited-state upconversion in YAG:Tm ³⁺ . Applied Physics B: Lasers and Optics, 1996, 62, 149-152.	1.1	5
120	Spectroscopic and Laser Properties of LiNbO ₃ :Dy ³⁺ Crystals. Acta Physica Polonica A, 1996, 90, 181-189.	0.2	40
121	Emission Properties of SrLaGa ₃ O ₇ :Pr ³⁺ Crystals. , 1996, , 416-419.		0
122	Spectroscopic studies of YAG:Sm ³⁺ crystals. Journal of Applied Spectroscopy, 1995, 62, 840-843.	0.3	24
123	Emission properties of LiNbO ₃ :Tm ³⁺ . Journal of Applied Spectroscopy, 1995, 62, 854-858.	0.3	2
124	Title is missing!. Journal of Physics Condensed Matter, 1995, 7, 199-211.	0.7	26
125	Visible laser emission of Pr ³⁺ in various hosts. European Physical Journal Special Topics, 1994, 04, C4-541-C4-544.	0.2	8
126	Infrared to blue up-conversion in Pr ³⁺ doped YAG and LiYF ₄ crystals. Journal of Luminescence, 1994, 60-61, 179-182.	1.5	28

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127	Dynamics of the IR-to-blue wavelength upconversion in Pr ³⁺ -doped yttrium aluminum garnet and LiYF ₄ crystals. Physical Review B, 1994, 50, 12367-12374.	1.1	58
128	IR luminescence from the ¹ G ₄ multiplet of Pr ³⁺ in various doped crystals. European Physical Journal Special Topics, 1994, 04, C4-349-C4-352.	0.2	9
129	Inhomogeneity study of Pr ³⁺ -doped yttrium aluminium garnet using time-resolved spectroscopy. Journal of Physics Condensed Matter, 1993, 5, 6469-6482.	0.7	24
130	Energy transfer upconversion in Gd ₃ Ga ₅ O ₁₂ :Pr ³⁺ . Journal of Physics Condensed Matter, 1993, 5, 6083-6090.	0.7	19
131	Spectroscopic and Laser Properties of YAG: Pr ³⁺ Crystals. , 1992, , 611-614.		0
132	Excited state kinetics and energy transfer in Pr ³⁺ doped YAG. Journal of Luminescence, 1991, 48-49, 235-238.	1.5	21
133	Relaxation of the high lying excited states in Nd ³⁺ doped YLiF ₄ , LaF ₃ and YAG. Journal of Luminescence, 1990, 45, 357-359.	1.5	19
134	Optical transitions of Pr ³⁺ -Er ³⁺ ion pairs in KYP ₄ O ₁₂ . Journal of Physics and Chemistry of Solids, 1990, 51, 59-64.	1.9	4
135	Absorption intensity analysis of Pr ³⁺ : Y ₃ Al ₅ O ₁₂ . Solid State Communications, 1990, 74, 17-20.	0.9	45
136	Laser-induced fluorescence and up-conversion processes in LiYF ₄ :Nd ³⁺ laser crystals. Physical Review B, 1990, 41, 31-40.	1.1	30
137	Energy transfer, up-conversion and nonequivalent crystal field effects in the KYP ₄ O ₁₂ :Pr ³⁺ system. Journal of Physics Condensed Matter, 1989, 1, 4673-4686.	0.7	23
138	Fluorescence quenching in Sm ³⁺ doped KYP ₄ O ₁₂ crystals. Journal of Luminescence, 1988, 39, 301-311.	1.5	39
139	Inhomogeneous broadening and energy transfer in KNdP ₄ O ₁₂ :Pr ³⁺ . Journal of Physics C: Solid State Physics, 1987, 20, 2595-2607.	1.5	19
140	Fluorescence Characteristics of a New Stoichiometric Crystals KSmP ₄ O ₁₂ . , 1987, , 73-76.		0
141	Spectroscopic studies of Pr ³⁺ ions in KPr ₂ Y ₁₀ P ₄ O ₁₂ . Journal of Luminescence, 1986, 35, 1-8.	1.5	35
142	Fluorescence quenching in KNd _x Gd _{1-x} P ₄ O ₁₂ crystals studied using an isolated ion-pair interaction. Physical Review B, 1986, 34, 7578-7586.	1.1	7
143	Laser Action in Stoichiometric Nd ³⁺ , Pr ³⁺ and Er ³⁺ Compounds. , 1986, , 89-92.		0
144	Laser time-resolved selective excitation of Nd ³⁺ ions in KNdP ₄ O ₁₂ crystals. Journal of Luminescence, 1984, 29, 275-284.	1.5	7

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145	Studies of ion pair interaction in KNdxGd1-xP4O12 crystals using site selection time resolved spectroscopy. Journal of Luminescence, 1984, 31-32, 802-804.	1.5	2
146	Simplified stator flux oriented control. , 0, , .		11
147	Virtual flux based direct power control of three-phase PWM rectifiers. , 0, , .		255
148	Simulation study of virtual flux based direct power control for three-phase PWM rectifiers. , 0, , .		14
149	Sensorless control strategies for PWM rectifier. , 0, , .		102
150	Direct power control with virtual flux estimation for three-phase PWM rectifiers. , 0, , .		11
151	A comparative study of control techniques for PWM rectifiers in AC adjustable speed drives. , 0, , .		11
152	New direct power control of three-phase PWM boost rectifiers under distorted and imbalanced line voltage conditions. , 0, , .		36
153	New Simple Active Damping of Resonance in Three-Phase PWM Converter with LCL Filter. , 0, , .		31
154	UV and violet emission dynamics in Nd/sup 3+/ doped fluorozirconate glasses under pulsed IR excitation. , 0, , .		0
155	Growth, spectroscopic and laser properties of Yb:SrY(BO/sub 3/)/sub 3/ for fast lasers. , 0, , .		0
156	Interaction between Nd/sup 3+/ and Yb/sup 3+/ ions in epitaxial YAG laser waveguide. , 0, , .		0
157	Adaptive space vector modulator for three-level NPC PWM inverter-fed induction motor. , 0, , .		17