

# Michel Mortier

## List of Publications by Year in descending order

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141  
papers

4,269  
citations

87888

38  
h-index

123424

61  
g-index

148  
all docs

148  
docs citations

148  
times ranked

3957  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence enhancement effects on nanostructured perovskite thin films for Er/Yb-doped solar cells. <i>Nanoscale Advances</i> , 2022, 4, 1786-1792.	4.6	2
2	Spatially Resolved Temperature Distribution in a Rare-Earth-Doped Transparent Glass-Ceramic. <i>Sensors</i> , 2022, 22, 1970.	3.8	2
3	Direct imaging of fluorescence enhancement in the gap between two gold nanodisks. <i>Applied Physics Letters</i> , 2021, 118, 161105.	3.3	0
4	Highly colloidal luminescent Er <sup>3+</sup> , Yb <sup>3+</sup> -codoped KY <sub>3</sub> F <sub>10</sub> nanoparticles for theranostic applications. <i>Materials Today Communications</i> , 2021, 28, 102553.	1.9	3
5	Optical Sensors Using Ultrahigh-Quality Micro-Resonators. , 2020, , .		1
6	Dynamical Analysis of Modal Coupling in Rare-Earth Whispering-Gallery-Mode Microlasers. <i>Physical Review Applied</i> , 2019, 11, .	3.8	5
7	Microscopic Characterizations of Upconversion-Induced Near-Infrared Light Harvest in Hybrid Perovskite Solar Cells. <i>Microscopy and Microanalysis</i> , 2019, 25, 2134-2135.	0.4	0
8	Mapping plasmon-enhanced upconversion fluorescence of Er/Yb-doped nanocrystals near gold nanodisks. <i>Nanoscale</i> , 2019, 11, 10365-10371.	5.6	8
9	Extremely straightforward room temperature co-precipitation method to synthesize cubic KYF <sub>4</sub> :Yb/Er up-conversion nanoparticles in deionized water-ethanol solution. <i>Optical Materials</i> , 2019, 98, 109458.	3.6	7
10	Structural, thermal and optical investigations of PbF <sub>2</sub> :Eu <sup>3+</sup> particles prepared by co-precipitation method. <i>Optical Materials</i> , 2018, 83, 321-327.	3.6	3
11	Exploring the Magnetic and Electric Side of Light through Plasmonic Nanocavities. <i>Nano Letters</i> , 2018, 18, 5098-5103.	9.1	16
12	Microscopic Evidence of Upconversion-Induced Near-Infrared Light Harvest in Hybrid Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 3537-3543.	5.1	35
13	Slow-light microcavities. , 2017, , .		0
14	Thermal conductivity measurements of Yb:CaF <sub>2</sub> transparent ceramics using the 3 $\bar{\omega}$ method. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	15
15	Fluorescence enhancement near single TiO <sub>2</sub> nanodisks. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	13
16	Nanoscale thermal imaging of active devices by fluorescent SThM. , 2017, , .		0
17	Theoretical and experimental analysis of rare earth whispering gallery mode laser relative intensity noise. <i>Optics Express</i> , 2017, 25, 32732.	3.4	3
18	Analysis of Thermal Properties for Novel Nanopowder-Based Yb:CaF <sub>2</sub> Optical Ceramics. , 2017, , .		0

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19	Optical Properties of Fluoride Transparent Ceramics. , 2016, , 65-87.		1
20	Wetâ€Route Synthesis and Characterization of Yb:CaF <sub>2</sub> Optical Ceramics. Journal of the American Ceramic Society, 2016, 99, 1992-2000.	3.8	39
21	The incorporation site of Er in nanosized CaF <sub>2</sub> . Journal of Physics Condensed Matter, 2016, 28, 485301.	1.8	2
22	Nanoscale thermometry with fluorescent yttrium-based Er/Yb-doped fluoride nanocrystals. Sensors and Actuators A: Physical, 2016, 250, 71-77.	4.1	19
23	Millisecond Photon Lifetime in a Slow-Light Microcavity. Physical Review Letters, 2016, 116, 133902.	7.8	64
24	Time-gated luminescence bioimaging with new luminescent nanocolloids based on [Mo <sub>6</sub> I <sub>8</sub> (C <sub>2</sub> F <sub>5</sub> COO) <sub>6</sub> ] <sup>2+</sup> metal atom clusters. Physical Chemistry Chemical Physics, 2016, 18, 30166-30173.	2.8	53
25	Ultra-long photon lifetime in a slow-light microcavity. , 2016, , .		0
26	Submicron thermal imaging of a nucleate boiling process using fluorescence microscopy. Energy, 2016, 109, 436-445.	8.8	11
27	Near-field observation of surface plasmon polaritons launched by V-shaped nanorods on a gold surface. Applied Optics, 2015, 54, 9326.	2.1	1
28	Transient submicron temperature imaging based on the fluorescence emission in an Er/Yb co-doped glassâ€ceramic. Sensors and Actuators A: Physical, 2015, 230, 102-110.	4.1	9
29	Inorganic Molybdenum Octahedral Nanosized Cluster Units, Versatile Functional Building Block for Nanoarchitectonics. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 189-204.	3.7	102
30	Laser performance of diode-pumped Yb:CaF <sub>2</sub> optical ceramics synthesized using an energy-efficient process. Optica, 2015, 2, 288.	9.3	53
31	Combined theoretical and time-resolved photoluminescence investigations of [Mo <sub>6</sub> Br <sub>8</sub> Br <sub>14</sub> ] <sup>2+</sup> metal cluster units: evidence of dual emission. Physical Chemistry Chemical Physics, 2015, 17, 28574-28585.	2.8	62
32	High quality-factor optical resonators. Physica Scripta, 2014, T162, 014032.	2.5	15
33	Controlling the coupling properties of active ultrahigh-Q WGM microcavities from undercoupling to selective amplification. Scientific Reports, 2014, 4, 4023.	3.3	50
34	Diode-pumped laser demonstration with Yb:CaF <sub>2</sub> nanopowder-based ceramics. , 2014, , .		1
35	Magnetic and Fluorescent Hybrid Silica Nanoparticles Based on the Co-Encapsulation of $\hat{3}\text{-Fe}_2\text{O}_3$ Nanocrystals and [Mo <sub>6</sub> Br <sub>14</sub> ] <sup>2+</sup> Luminescent Nanosized Clusters by Water-in-Oil Microemulsion. Key Engineering Materials, 2014, 617, 174-178.	0.4	2
36	Multifunctional hybrid silica nanoparticles based on [Mo <sub>6</sub> Br <sub>14</sub> ] <sup>2+</sup> phosphorescent nanosized clusters, magnetic $\hat{3}\text{-Fe}_2\text{O}_3$ and plasmonic gold nanoparticles. Journal of Colloid and Interface Science, 2014, 424, 132-140.	9.4	24

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37	Spectra and energy levels of Yb <sup>3+</sup> ions in CaF <sub>2</sub> transparent ceramics. Journal of Alloys and Compounds, 2014, 584, 261-268.	5.5	27
38	Mapping and Quantifying Electric and Magnetic Dipole Luminescence at the Nanoscale. Physical Review Letters, 2014, 113, 076101.	7.8	80
39	Near-Field Imaging of Surface Plasmon Polaritons Excited by Chains of Gold Nanodiscs. Plasmonics, 2013, 8, 1515-1521.	3.4	2
40	Imaging Joule Heating in an 80 nm Wide Titanium Nanowire by Thermally Modulated Fluorescence. International Journal of Thermophysics, 2013, 34, 1405-1412.	2.1	7
41	Tunable Visible Emission of Luminescent Hybrid Nanoparticles Incorporating Two Complementary Luminophores: ZnO Nanocrystals and [Mo <sub>6</sub> Br <sub>14</sub> ] <sup>2+</sup> Nanosized Cluster Units. Particle and Particle Systems Characterization, 2013, 30, 90-95.	2.3	25
42	Luminescence: Tunable Visible Emission of Luminescent Hybrid Nanoparticles Incorporating Two Complementary Luminophores: ZnO Nanocrystals and [Mo <sub>6</sub> Br <sub>14</sub> ] <sup>2+</sup> Nanosized Cluster Units (Part. Part. Syst. Charact.) Tj ETQq000 rgBT/Overlock I	2.3	25
43	High gain selective amplification in whispering gallery mode resonators: analysis by cavity ring down method. , 2013, , .		0
44	Coupling of high-quality-factor optical resonators. Physica Scripta, 2013, T157, 014024.	2.5	13
45	Role of Thermal Heating on the Voltage Induced Insulator-Metal Transition in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \text{VO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle .$ Physical Review Letters. 2013. 110. 056601.	7.8	238
46	High-gain wavelength-selective amplification and cavity ring down spectroscopy in a fluoride glass erbium-doped microsphere. Optics Letters, 2012, 37, 4735.	3.3	8
47	Imaging current paths in complex conductors by scanning fluorescence microscopy. Applied Physics Letters, 2012, 101, 123113.	3.3	6
48	Effect of Yb <sup>3+</sup> concentration on optical properties of Yb:CaF <sub>2</sub> transparent ceramics. Optical Materials, 2012, 34, 965-968.	3.6	65
49	Thermal and Structural Characterization of Transparent Rare-Earth Doped Lead Fluoride Glass-Ceramics. New Journal of Glass and Ceramics, 2012, 02, 65-74.	1.4	10
50	Fluoride Transparent Ceramics. , 2012, , .		0
51	Strong near-field optical localization on an array of gold nanodisks. Journal of Applied Physics, 2011, 110, 044308.	2.5	10
52	Fluoride materials for optical applications: Single crystals, ceramics, glasses, and glass-ceramics. Journal of Fluorine Chemistry, 2011, 132, 1165-1173.	1.7	105
53	Tuning Temperature and Size of Hot Spots and Hot-Spot Arrays. Small, 2011, 7, 259-264.	10.0	30
54	Optical investigation of Eu <sup>3+</sup> :PbF <sub>2</sub> ceramics and transparent glass-ceramics. Optical Materials, 2011, 33, 791-798.	3.6	22

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55	Near-field optical characterization of interacting and non-interacting gold nanoparticles embedded in a silica thin film. Optics Communications, 2011, 284, 3118-3123.	2.1	0
56	Origin of light scattering in ytterbium doped calcium fluoride transparent ceramic for high power lasers. Journal of the European Ceramic Society, 2011, 31, 1619-1630.	5.7	98
57	Note: A scanning thermal probe microscope that operates in liquids. Review of Scientific Instruments, 2011, 82, 036106.	1.3	23
58	Last advances in Yb <sup>3+</sup> -doped CaF <sub>2</sub> ceramics synthesis. , 2011, , .		3
59	Thermal imaging of hot spots in nanostructured microstripes. Journal of Physics: Conference Series, 2010, 214, 012098.	0.4	0
60	Functional silica nanoparticles synthesized by water-in-oil microemulsion processes. Journal of Colloid and Interface Science, 2010, 341, 201-208.	9.4	100
61	Ultralow blocking temperature and breakdown of the giant spin model in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mtext} \text{Er} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle 3 \langle \text{mml:mrow} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ nanoparticles. Physical Review B, 2010, 82, .	3.2	13
62	Miniaturized Optical Microwave Source Using a Dual-Wavelength Whispering Gallery Mode Laser. IEEE Photonics Technology Letters, 2010, 22, 559-561.	2.5	15
63	Cathodo- and photoluminescence in Yb <sup>3+</sup> -Er <sup>3+</sup> co-doped PbF <sub>2</sub> nanoparticles. Optics Express, 2010, 18, 8836.	3.4	26
64	Thermal and optical investigation of EuF <sub>3</sub> -doped lead fluorogermanate glasses. Journal of Non-Crystalline Solids, 2010, 356, 56-64.	3.1	19
65	Novel Nanomaterials Based on Inorganic Molybdenum Octahedral Clusters. Journal of Cluster Science, 2009, 20, 9-21.	3.3	44
66	Synthesis and optical characterizations of Yb-doped CaF <sub>2</sub> ceramics. Optical Materials, 2009, 31, 750-753.	3.6	113
67	Optical properties of Er <sup>3+</sup> in fullerenes and in $\text{PbF}_2$ single-crystals. Optical Materials, 2009, 32, 251-256.	3.6	15
68	Point temperature sensor based on green decay in an Er:ZBLALiP microsphere. Journal of Luminescence, 2009, 129, 1994-1996.	3.1	25
69	High yield syntheses of reactive fluoride $\text{K}_2\text{Y}_2\text{F}_7$ nanoparticles. Optical Materials, 2009, 31, 1177-1183.	3.6	15
70	AC thermal imaging of a microwire with a fluorescent nanocrystal: Influence of the near field on the thermal contrast. Journal of Applied Physics, 2009, 106, 074301.	2.5	38
71	Optical nanoheater based on the Yb <sup>3+</sup> -Er <sup>3+</sup> co-doped nanoparticles. Optics Express, 2009, 17, 11794.	3.4	88
72	Scanning thermal imaging by near-field fluorescence spectroscopy. Nanotechnology, 2009, 20, 115703.	2.6	102

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73	Er <sup>3+</sup> -doped Nanoparticles for Optical Detection of Magnetic Field. Nano Letters, 2009, 9, 721-724.	9.1	96
74	Dual wavelength Er <sup>3+</sup> : ZBLALiP whispering gallery mode laser. , 2009, , .		0
75	Scanning Thermal Microscopy with Fluorescent Nanoprobes. Topics in Applied Physics, 2009, , 505-535.	0.8	1
76	Simultaneous Oscillation of Wavelength-Tunable Singlemode Lasers Using Er :ZBLALiP Whispering Gallery Mode Resonator. , 2009, , .		0
77	Mid-infrared emission in Yb <sup>3+</sup> +Er <sup>3+</sup> +Tm <sup>3+</sup> co-doped oxyfluoride glass-ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 146, 66-68.	3.5	13
78	Water-in-Oil Microemulsion Preparation and Characterization of Cs <sub>2</sub> [Mo <sub>6</sub> X <sub>14</sub> ]/SiO <sub>2</sub> Phosphor Nanoparticles Based on Transition Metal Clusters (X=Cl, Br, and I). Advanced Materials, 2008, 20, 143-148.	21.0	103
79	When Metal Atom Clusters Meet ZnO Nanocrystals: A ((n<sub>4</sub>H<sub>9</sub>)<sub>4</sub>N)<sub>2</sub>Mo<sub>6</sub>Br<sub>14</sub>@ZnO Hybrid. Advanced Materials, 2008, 20, 1710-1715.		56
80	Luminescence properties of PbF <sub>2</sub> :Yb+Er nanoparticles synthesized by two different original routes. Journal of Alloys and Compounds, 2008, 451, 563-566.	5.5	14
81	Local order around rare earth ions during the devitrification of oxyfluoride glasses. Journal of Chemical Physics, 2008, 128, 244516.	3.0	8
82	Preparation and up-conversion luminescence of 8 nm rare-earth doped fluoride nanoparticles. Optics Express, 2008, 16, 14544.	3.4	41
83	Synthesis and characterization of magnetic-fluorescent composite colloidal nanostructures. , 2008, , .		2
84	ac thermal imaging of nanoheaters using a scanning fluorescent probe. Applied Physics Letters, 2008, 92, 023101.	3.3	28
85	Scanning thermal imaging of an electrically excited aluminum microstripe. Journal of Applied Physics, 2007, 102, 024305.	2.5	9
86	Molecular dynamics simulation study of erbium induced devitrification in vitreous PbF <sub>2</sub> . Journal of Chemical Physics, 2007, 127, 094509.	3.0	6
87	Upconversion channels in Er <sup>3+</sup> :ZBLALiP fluoride glass microspheres. EPJ Applied Physics, 2007, 40, 181-188.	0.7	19
88	Thermal imaging of nickel wires with a fluorescent nanoprobe. Journal of Physics: Conference Series, 2007, 92, 012089.	0.4	3
89	Broadband telecommunication wavelength emission in Yb <sup>3+</sup> +Er <sup>3+</sup> +Tm <sup>3+</sup> co-doped nano-glassceramics. Optics Express, 2007, 15, 9535.	3.4	38
90	Near-field scattered by a single nanoslit in a metal film. Applied Optics, 2007, 46, 8573.	2.1	9

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91	Near-Field Analysis of Surface Waves Launched at Nanoslit Apertures. Physical Review Letters, 2007, 98, 153902.	7.8	125
92	EPR and optical studies of erbium-doped $\text{PbF}_2$ single-crystals and nanocrystals in transparent glass-ceramics. Physical Chemistry Chemical Physics, 2007, 9, 5591.	2.8	34
93	Orange avalanche upconversion for high-resolution laser spectroscopy. EPJ Applied Physics, 2007, 37, 161-168.	0.7	8
94	Rare Earth-Activated Silica-Based Nanocomposites. Journal of Nanomaterials, 2007, 2007, 1-6.	2.7	8
95	Rare-earth doped oxyfluoride glass-ceramics and fluoride ceramics: Synthesis and optical properties. Optical Materials, 2007, 29, 1263-1270.	3.6	81
96	EPR and optical study of $\text{Yb}^{3+}$ -doped $\text{PbF}_2$ single crystals and nanocrystals of glass-ceramics. Journal of Physics Condensed Matter, 2006, 18, 7905-7922.	1.8	29
97	Synthesis of Fluoride Nanoparticles in Non-Aqueous Nanoreactors. Luminescence Study of $\text{Eu}^{3+}:\text{CaF}_2$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1538-1543.	1.2	22
98	Influence of $\text{Ce}^{3+}$ doping on the structure and luminescence of $\text{Er}^{3+}$ -doped transparent glass-ceramics. Optical Materials, 2006, 28, 638-642.	3.6	28
99	UV-assisted crystallisation of tellurite and germanate-based glasses. Optical Materials, 2006, 28, 1276-1279.	3.6	11
100	$\text{Er}^{3+}$ -doped $\text{PbF}_2$ : Comparison between nanocrystals in glass-ceramics and bulk single crystals. Journal of Solid State Chemistry, 2006, 179, 1995-2003.	2.9	103
101	Oxide glass used as inorganic template for fluorescent fluoride nanoparticles synthesis. Optical Materials, 2006, 28, 1401-1404.	3.6	29
102	Synthesis and optical characterizations of undoped and rare-earth-doped $\text{CaF}_2$ nanoparticles. Journal of Solid State Chemistry, 2006, 179, 2636-2644.	2.9	110
103	Near-field optical imaging of metallic nanoparticles, holes and slits. , 2005, , .		0
104	Scanning thermal imaging of microelectronic circuits with a fluorescent nanoprobe. Applied Physics Letters, 2005, 87, 184105.	3.3	164
105	Field distribution on metallic and dielectric nanoparticles observed with a fluorescent near-field optical probe. Journal of Applied Physics, 2005, 97, 104322.	2.5	7
106	Nucleation efficiency of erbium and ytterbium fluorides in transparent oxyfluoride glass-ceramics. Journal of Materials Research, 2005, 20, 472-481.	2.6	50
107	Effect of $\text{CeF}_3$ Addition on the Nucleation and Up-Conversion Luminescence in Transparent Oxyfluoride Glass-ceramics. Chemistry of Materials, 2005, 17, 2216-2222.	6.7	74
108	Optical feedback on whispering gallery mode laser: wavelength shifts in erbium-doped microspherical laser. , 2004, 5451, 199.		8

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109	Red-shift in Er:ZBLALiP whispering gallery mode laser. Optics Communications, 2004, 229, 311-315.	2.1	27
110	Fabrication and characterization of fluorescent rare-earth-doped glass-particle-based tips for near-field optical imaging applications. Applied Optics, 2004, 43, 3829.	2.1	23
111	Near-field optical measurements using rare-earth-doped glass-ceramic particles. , 2004, , .		0
112	Ceramic and glass-ceramic lasers. Annales De Chimie: Science Des Materiaux, 2003, 28, 21-33.	0.4	18
113	Upconversion fluorescence imaging of erbium-doped fluoride glass particles by apertureless SNOM. Journal of Microscopy, 2003, 210, 198-202.	1.8	4
114	Nucleation and anionic environment of Er <sup>3+</sup> in a germanate glass. Journal of Non-Crystalline Solids, 2003, 318, 56-62.	3.1	30
115	Influence of the anionic environment of Er <sup>3+</sup> ions in a germanate glass. Journal of Non-Crystalline Solids, 2003, 326-327, 287-291.	3.1	9
116	New fluoride glasses for laser applications. Journal of Non-Crystalline Solids, 2003, 326-327, 505-509.	3.1	40
117	Local optical imaging of nanoholes using a single fluorescent rare-earth-doped glass particle as a probe. Applied Physics Letters, 2003, 83, 147-149.	3.3	39
118	Electron-phonon coupling in Ni <sup>2+</sup> -doped perovskites: KMgF <sub>3</sub> and BaLiF <sub>3</sub> . Physical Review B, 2003, 67, .	3.2	21
119	Red-shift due to pump intensity in Er:ZBLALiP whispering-gallery mode lasers. , 2003, , .		0
120	Between glass and crystal: Glass-ceramics, a new way for optical materials. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 745-753.	0.6	6
121	<title>Er:ZBLALiP whispering-gallery mode lasers at 1550 nm investigation of red-shift due to pump intensity</title>. , 2002, , .		2
122	Between glass and crystal: glass-ceramics, a new way for optical materials. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 745-753.	0.6	45
123	Micrometer-sized point temperature sensor in Er:ZBLALiP. , 2002, , .		1
124	Études de l'effet laser dans un micro résonateur à modes de Galerie en verre ZBLALiP dopé Erbium. European Physical Journal Special Topics, 2002, 12, 269-270.	0.2	1
125	Erbium doped glass-ceramics: concentration effect on crystal structure and energy transfer between active ions. Journal of Alloys and Compounds, 2001, 323-324, 245-249.	5.5	79
126	Devitrification of fluorozirconate glasses: from nucleation to spinodal decomposition. Journal of Non-Crystalline Solids, 2001, 284, 85-90.	3.1	16



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127	Effect of rare earth impurities on fluorescent cooling in ZBLAN glass. Journal of Non-Crystalline Solids, 2001, 284, 249-254.	3.1	28
128	Stark levels analysis for Er <sup>3+</sup> -doped oxide glasses: germanate and silicate. Optical Materials, 2001, 15, 243-260.	3.6	48
129	New progresses in transparent rare-earth doped glass-ceramics. Optical Materials, 2001, 16, 255-267.	3.6	110
130	Stark level analysis for Er <sup>3+</sup> -doped ZBLAN glass. Optical Materials, 2001, 17, 501-511.	3.6	57
131	Structural characterisation of transparent oxyfluoride glass-ceramics. Journal of Materials Science, 2000, 35, 4849-4856.	3.7	41
132	Structural characterisation of transparent oxyfluoride glass-ceramics. Journal of Materials Science, 2000, 35, 4849-4856.	3.7	27
133	Crystal field analysis of Er <sup>3+</sup> -doped glasses: germanate, silicate and ZBLAN. Journal of Alloys and Compounds, 2000, 300-301, 407-413.	5.5	18
134	Rare-earth doped transparent glass-ceramics with high cross-sections. Journal of Non-Crystalline Solids, 1999, 256-257, 361-365.	3.1	110
135	Optical studies of Cr <sup>3+</sup> in KMgF <sub>3</sub> : Time-resolved site-selective spectroscopy and experimental evidence of spin-orbit coupling. Physical Review B, 1997, 56, 3022-3031.	3.2	39
136	Transferred hyperfine interaction and zero field splitting of the Gd <sup>3+</sup> ion in KY <sub>3</sub> F <sub>10</sub> . Solid State Communications, 1995, 95, 167-171.	1.9	7
137	Ni <sup>2+</sup> :BaLiF <sub>3</sub> : A promising R. T. tunable solid state laser material. Radiation Effects and Defects in Solids, 1995, 136, 65-68.	1.2	3
138	Spectroscopic studies of Ni <sup>2+</sup> or Cr <sup>3+</sup> -doped BaLiF <sub>3</sub> . Optical Materials, 1994, 4, 115-120.	3.6	17
139	Experimental and theoretical study of second-order Raman scattering in BaLiF <sub>3</sub> . Solid State Communications, 1994, 89, 369-371.	1.9	24
140	The lattice dynamics of the fluoroperovskite KMgF <sub>3</sub> . Journal of Physics Condensed Matter, 1993, 5, 7615-7622.	1.8	9
141	Raman scattering investigations of KY <sub>3</sub> F <sub>10</sub> . Journal of Raman Spectroscopy, 1991, 22, 393-396.	2.5	21