Jiang Li

List of Publications by Year
in descending order

171 papers	3,656 citations	159358 30 h-index	233125 45 g-index
176 all docs	176 docs citations	176 times ranked	1609 citing authors

#	Article	IF	Citations
1	Influence of presintering temperature on magnesium aluminate spinel transparent ceramics fabricated by solidâ€state reactive sintering. International Journal of Applied Ceramic Technology, 2022, 19, 367-374.	1.1	4
2	Ultra-fast High-temperature Sintering (UHS) of translucent alumina. Open Ceramics, 2022, 9, 100202.	1.0	8
3	Fabrication and long persistent luminescence of Ce3+-Cr3+ co-doped yttrium aluminum gallium garnet transparent ceramics. Journal of Rare Earths, 2022, 40, 1699-1705.	2.5	7
4	Progress and perspectives on composite laser ceramics: A review. Journal of the European Ceramic Society, 2022, 42, 1833-1851.	2.8	23
5	Achievements and Future Perspectives of the Trivalent Thulium-Ion-Doped Mixed-Sesquioxide Ceramics for Laser Applications. Materials, 2022, 15, 2084.	1.3	18
6	Effect of dopant concentration on the optical characteristics of Cr3+:ZnGa2O4 transparent ceramics exhibiting persistent luminescence. Optical Materials, 2022, 125, 112127.	1.7	6
7	Fabrication and properties of non-stoichiometric Tb2(Hf1â^ˆ’xTbx)2O7â^ˆ’x magneto-optical ceramics. Journal of Advanced Ceramics, 2022, 11, 784-793.	8.9	11
8	Highly transparent Ce-doped yttria stabilized zirconia ceramics with bright red color. Optical Materials, 2022, 129, 112484.	1.7	3
9	Influence of calcium doping concentration on the performance of Ce,Ca:LuAG scintillation ceramics. Journal of the European Ceramic Society, 2022, 42, 6075-6084.	2.8	7
10	Terbium (III) Oxide (Tb2O3) Transparent Ceramics by Two-Step Sintering from Precipitated Powder. Magnetochemistry, 2022, 8, 73.	1.0	10
11	Fabrication, microstructure, and properties of 8 mol% yttria-stabilized zirconia (8YSZ) transparent ceramics. Journal of Advanced Ceramics, 2022, 11, 1153-1162.	8.9	29
12	Fabrication and characterizations of Tm:Lu2O3 transparent ceramics for 2Âμm laser applications. Optical Materials, 2022, 131, 112705.	1.7	9
13	Influence of CaO on microstructure and properties of MgAl2O4 transparent ceramics. Optical Materials, 2021, 111, 110604.	1.7	12
14	Fabrication, microstructure and optical characterizations of holmium oxide (Ho2O3) transparent ceramics. Journal of the European Ceramic Society, 2021, 41, 759-767.	2.8	30
15	Fabrication and Optical Property of Nd:Lu₂O₃Transparent Ceramics for Solid-state Laser Applications. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 210.	0.6	12
16	Fine-grained Ce,Y:SrHfO₃ Scintillation Ceramics Fabricated by Hot Isostatic Pressing. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 1118.	0.6	4
17	Al2O3â€"Ce:YAG and Al2O3â€"Ce:(Y,Gd)AG composite ceramics for high brightness lighting: Effect of microstructure. Materials Characterization, 2021, 172, 110883.	1.9	27
18	Fabrication and performance evaluation of novel transparent ceramics RE:Tb3Ga5O12 (RE = Pr, Tm, Dy) toward magneto-optical application. Journal of Advanced Ceramics, 2021, 10, 271-278.	8.9	29

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19	Pressureless Sintering of YIG Ceramics from Coprecipitated Nanopowders. Magnetochemistry, 2021, 7, 56.	1.0	11
20	Broadening emission band of Yb:LuScO 3 transparent ceramics for ultrashort pulse laser. Journal of the American Ceramic Society, 2021, 104, 6064-6073.	1.9	3
21	Fabrication and characterizations of Cr³⁺â€doped ZnGa₂O₄ transparent ceramics with persistent luminescence. Journal of the American Ceramic Society, 2021, 104, 4927-4931.	1.9	6
22	Composition and structure design of three-layered composite phosphors for high color rendering chip-on-board light-emitting diode devices. Journal of Advanced Ceramics, 2021, 10, 729-740.	8.9	64
23	Fabrication of Yb,La:CaF2 transparent ceramics by air pre-sintering with hot isostatic pressing. Optical Materials, 2021, 116, 111108.	1.7	7
24	Fabrication of Gd2O2S:Tb scintillation ceramics from the uniformly doped nanopowder. Optical Materials, 2021, 117, 111192.	1.7	7
25	Research progress and prospects of rare-earth doped sesquioxide laser ceramics. Journal of the European Ceramic Society, 2021, 41, 3895-3910.	2.8	50
26	Determination of the bulk fraction of spherical non-uniformities in high-density materials. Ceramics International, 2021, 47, 28932-28941.	2.3	5
27	Fabrication and properties of transparent Tb2Ti2O7 magneto-optical ceramics. Journal of the European Ceramic Society, 2021, 41, 7208-7214.	2.8	10
28	Transparent non-stoichiometric Tb2.45Hf2O7.68 magneto-optical ceramics with high Verdet constant. Scripta Materialia, 2021, 204, 114158.	2.6	5
29	Sintering parameter optimization of Tb₃Al₅O₁₂ magnetoâ€optical ceramics by vacuum sintering and HIP postâ€treatment. Journal of the American Ceramic Society, 2021, 104, 2116-2124.	1.9	11
30	Fabrication of Dy2O3 Transparent Ceramics by Vacuum Sintering Using Precipitated Powders. Magnetochemistry, 2021, 7, 6.	1.0	14
31	Fabrication, microstructure and properties of transparent Yb:Y2O3 ceramics from co-precipitated nanopowders. Optical Materials, 2021, 122, 111792.	1.7	3
32	Influence of co-doped alumina on the microstructure and radioluminescence of SrHfO3:Ce ceramics. Journal of the European Ceramic Society, 2020, 40, 449-455.	2.8	7
33	Influences of the Sc3+ content on the microstructure and optical properties of 10â€¯at.% Yb:Y3ScxAl5-xO12 laser ceramics. Journal of Alloys and Compounds, 2020, 815, 152637.	2.8	14
34	Fabrication, microstructure, and optical properties of Yb:Y₃ScAl₄O₁₂ transparent ceramics with different doping levels. Journal of the American Ceramic Society, 2020, 103, 224-234.	1.9	16
35	Novel (Tb0.99Ce0.01)3Ga5O12 magneto-optical ceramics for Faraday isolators. Scripta Materialia, 2020, 177, 137-140.	2.6	26
36	Fabrication and scintillation properties of Pr:Lu3Al5O12 transparent ceramics from co-precipitated nanopowders. Journal of Alloys and Compounds, 2020, 818, 152885.	2.8	6

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37	Fabrication, microstructure, and optical properties of Tm:Y₃ScAl₄O₁₂ laser ceramics. Journal of the American Ceramic Society, 2020, 103, 1819-1830.	1.9	19
38	Transparent Y0.16Zr0.84O1.92 ceramics sintered from co-precipitated nanopowder. Optical Materials, 2020, 100, 109645.	1.7	4
39	Heatâ€driven Tailored for Eliminating Nd 3+ Reâ€clusters in Nd 3+ ,Gd 3+ â€codoped SrF 2 Laser Ceramic. Journal of the American Ceramic Society, 2020, 103, 2562-2568.	1.9	7
40	Fabrication and upconversion luminescence of novel transparent Er2O3 ceramics. Journal of the European Ceramic Society, 2020, 40, 1767-1772.	2.8	23
41	Microstructure evolution in two-step-sintering process toward transparent Ce:(Y,Gd)3(Ga,Al)5O12 scintillation ceramics. Journal of Alloys and Compounds, 2020, 846, 156377.	2.8	10
42	Fabrication, microstructures, and optical properties of Yb:Lu2O3 laser ceramics from co-precipitated nano-powders. Journal of Advanced Ceramics, 2020, 9, 674-682.	8.9	34
43	Specific absorption in Y3Al5O12:Eu ceramics and the role of stable Eu2+ in energy transfer processes. Journal of Materials Chemistry C, 2020, 8, 8823-8839.	2.7	13
44	Fabrication of Gd2O2S:Pr scintillation ceramics from water-bath synthesized nanopowders. Optical Materials, 2020, 104, 109946.	1.7	6
45	Er³⁺â€doped CaF₂ polycrystalline ceramic with perfect transparency for midâ€infrared laser. Journal of the American Ceramic Society, 2020, 103, 5808-5812.	1.9	5
46	Fabrication and characterization of Tb3Al5O12 magneto-optical ceramics by solid-state reactive sintering. Optical Materials, 2020, 102, 109795.	1.7	13
47	Fabrication of Nd:YAG transparent ceramics from co-precipitated powders by vacuum pre-sintering and HIP post-treatment. Optical Materials, 2020, 101, 109728.	1.7	11
48	Influence of Lanthanum Concentration on Microstructure of (Ho 1â€“ x La x) 2 O 3 Magnetoâ€Optical Ceramics. Physica Status Solidi (B): Basic Research, 2020, 257, 1900500.	0.7	8
49	Microstructure and properties of MgAl2O4 transparent ceramics fabricated by hot isostatic pressing. Optical Materials, 2020, 104, 109938.	1.7	21
50	An in depth characterization of the spectroscopic properties and laser action of 10 at% Yb doped Y3ScxAl5-xO12 (x = 0.25, 0.5, 1.0, 1.5) transparent ceramics. Ceramics International, 2020, 46, 17252-17260.	2.3	8
51	Multiâ€component yttrium aluminosilicate (<scp>YAS</scp>) fiber prepared by meltâ€inâ€tube method for stable singleâ€frequency laser. Journal of the American Ceramic Society, 2019, 102, 2551-2557.	1.9	24
52	Ultra-low energy joining: An invisible strong bond at room temperature. Journal of the European Ceramic Society, 2019, 39, 5358-5363.	2.8	7
53	Preparation and optical properties of MgAl2O4-Ce:GdYAG composite ceramic phosphors for white LEDs. Journal of the European Ceramic Society, 2019, 39, 4965-4971.	2.8	36
54	Fabrication and characterizations of 8.7 mol% Y2O3-ZrO2 transparent ceramics using co-precipitated nanopowders. Scripta Materialia, 2019, 171, 98-101.	2.6	23

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55	Fabrication and laser operation of Yb:Lu₂O₃ transparent ceramics from coâ€precipitated nanoâ€powders. Journal of the American Ceramic Society, 2019, 102, 7491-7499.	1.9	28
56	Third-order nonlinear optical response of Yb:YAG ceramics under femtosecond laser irradiation. Optical Materials, 2019, 98, 109435.	1.7	2
57	Magneto-Optical and Thermo-Optical Properties of Ce, Pr, and Ho Doped TAG Ceramics. IEEE Journal of Quantum Electronics, 2019, 55, 1-8.	1.0	8
58	Suppression of the slow scintillation component of Pr:Lu3Al5O12 transparent ceramics by increasing Pr concentration. Journal of Luminescence, 2019, 210, 14-20.	1.5	16
59	Fabrication and properties of Co:MgAl₂O₄ transparent ceramics for a saturable absorber from coprecipitated nanopowder. Journal of the American Ceramic Society, 2019, 102, 3097-3102.	1.9	9
60	Effect of air annealing on the optical properties and laser performance of Yb:YAG transparent ceramics. Optical Materials, 2019, 95, 109203.	1.7	12
61	Electronic band modification for faster and brighter Ce,Mg:Lu3-xYxAl5O12 ceramic scintillators. Journal of Luminescence, 2019, 214, 116545.	1.5	22
62	A simple way to prepare Co:MgAl2O4 transparent ceramics for saturable absorber. Journal of Alloys and Compounds, 2019, 797, 1288-1294.	2.8	16
63	Transparent Tb3Ga5O12 magneto-optical ceramics sintered from co-precipitated nano-powders calcined at different temperatures. Optical Materials, 2019, 90, 26-32.	1.7	23
64	Fabrication and laser performance of planar waveguide LuAG/Yb:LuAG/LuAG ceramics. Optical Materials, 2019, 89, 149-156.	1.7	5
65	Luminescence and scintillation characteristics of cerium doped Gd2YGa3Al2O12 ceramics. Optical Materials, 2019, 90, 20-25.	1.7	6
66	Influence of terminal pH value on co-precipitated nanopowders for yttria-stabilized ZrO2 transparent ceramics. Optical Materials, 2019, 98, 109475.	1.7	9
67	The influence of air annealing on the microstructure and scintillation properties of Ce,Mg:Lu<scp>AG</scp> ceramics. Journal of the American Ceramic Society, 2019, 102, 1805-1813.	1.9	18
68	Fabrication and <scp>kW</scp>â€level <scp>MOPA</scp> laser output of planar waveguide <scp>YAG</scp>/Yb:<scp>YAG</scp>/<scp>YAG</scp> ceramic slab. Journal of the American Ceramic Society, 2019, 102, 1758-1767.	1.9	21
69	Fabrication and properties of 10â€¯at.% Yb:Y3Sc1.5Al3.5O12 transparent ceramics. Optical Materials, 2019, 88, 339-344.	1.7	13
70	Transparent Ce:GdYAG ceramic color converters for high-brightness white LEDs and LDs. Optical Materials, 2019, 88, 97-102.	1.7	48
71	Pump coupling optimization of a native inhomogeneous planar waveguide laser. Optics Communications, 2019, 435, 195-201.	1.0	1
72	Fabrication and characterizations of highly transparent Tb3Ga5O12 magneto-optical ceramics. Optical Materials, 2019, 88, 238-243.	1.7	16

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73	Influence of Ammonium Hydrogen Carbonate to Metal Ions Molar Ratio on Co-precipitated Nanopowders for TGG Transparent Ceramics. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2019, 34, 791.	0.6	27
74	Doubly Q-switched tape casting YAG/Nd:YAG/YAG ceramic laser. Journal of Modern Optics, 2018, 65, 1549-1553.	0.6	2
75	A novel (Tb0.995Ho0.005)3Al5O12 magneto-optical ceramic with high transparency and Verdet constant. Scripta Materialia, 2018, 150, 160-163.	2.6	25
76	Fabrication of Yb:Sc2O3 transparent ceramics from co-precipitated nanopowders: The effect of ammonium hydrogen carbonate to metal ions molar ratio. Optical Materials, 2018, 75, 673-679.	1.7	15
77	Effect of ammonium carbonate to metal ions molar ratio on synthesis and sintering of Nd:YAG nanopowders. Optical Materials, 2018, 80, 127-137.	1.7	7
78	Fabrication and properties of Eu:Lu2O3 transparent ceramics for X-ray radiation detectors. Optical Materials, 2018, 80, 22-29.	1.7	19
79	Fabrication, microstructure and spectroscopic properties of Yb:Lu2O3 transparent ceramics from co-precipitated nanopowders. Ceramics International, 2018, 44, 11635-11643.	2.3	27
80	Influence of cerium doping concentration on the optical properties of Ce,Mg:LuAG scintillation ceramics. Journal of the European Ceramic Society, 2018, 38, 3246-3254.	2.8	23
81	Highly transparent Tb3Al5O12 magneto-optical ceramics sintered from co-precipitated powders with sintering aids. Optical Materials, 2018, 78, 370-374.	1.7	31
82	Hot-pressing of zinc sulfide infrared transparent ceramics from nanopowders synthesized by the solvothermal method. Ceramics International, 2018, 44, 747-752.	2.3	11
83	Fabrication and laser oscillation of Yb:Sc2O3 transparent ceramics from co-precipitated nano-powders. Journal of the European Ceramic Society, 2018, 38, 1632-1638.	2.8	21
84	Effects of deformation rate on properties of Nd,Y-codoped CaF 2 transparent ceramics. Journal of the European Ceramic Society, 2018, 38, 2404-2409.	2.8	22
85	The influences of stoichiometry on the sintering behavior, optical and scintillation properties of Pr:LuAG ceramics. Journal of the European Ceramic Society, 2018, 38, 4252-4259.	2.8	12
86	Fabrication and properties of (Tb1-xCex)3Al5O12 magneto-optical ceramics with different doping concentrations. Scripta Materialia, 2018, 155, 46-49.	2.6	23
87	A Comprehensive Characterization of a 10 at.% Yb:YSAG Laser Ceramic Sample. Materials, 2018, 11, 837.	1.3	17
88	Doubly Q-Switched Nd:YAG Ceramic Laser. Journal of Russian Laser Research, 2018, 39, 187-191.	0.3	6
89	Fabrication and characterizations of (Tb1-xPrx)3Al5O12 magneto-optical ceramics for Faraday isolators. Optical Materials, 2018, 84, 330-334.	1.7	22
90	Promising magneto-optical ceramics for high power Faraday isolators. Scripta Materialia, 2018, 155, 78-84.	2.6	51

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91	Fabrication of 5Âat.%Yb:(La 0.1 Y 0.9) 2 O 3 transparent ceramics by chemical precipitation and vacuum sintering. Optical Materials, 2017, 71, 56-61.	1.7	23
92	Effect of Li+ ions co-doping on luminescence, scintillation properties and defects characteristics of LuAG:Ce ceramics. Optical Materials, 2017, 64, 245-249.	1.7	22
93	Preparation and characterizations of Yb:YAG-derived silica fibers drawn by on-line feeding molten core approach. Ceramics International, 2017, 43, 5837-5841.	2.3	22
94	Hot-pressing and post-HIP treatment of Fe 2+ :ZnS transparent ceramics from co-precipitated powders. Journal of the European Ceramic Society, 2017, 37, 2253-2257.	2.8	19
95	Effects of LiF on the microstructure and optical properties of hot-pressed MgAl2O4 ceramics. Ceramics International, 2017, 43, 6891-6897.	2.3	28
96	Post-treatment of nanopowders-derived Nd:YAG transparent ceramics by hot isostatic pressing. Ceramics International, 2017, 43, 10013-10019.	2.3	22
97	Fabrication of highly transparent AlON ceramics by hot isostatic pressing post-treatment. Journal of the European Ceramic Society, 2017, 37, 4213-4216.	2.8	41
98	Fabrication and spectral properties of hot-pressed Co:MgAl2O4 transparent ceramics for saturable absorber. Journal of Alloys and Compounds, 2017, 724, 45-50.	2.8	13
99	Tape casting fabrication and properties of planar waveguide YAG/Yb:YAG/YAG transparent ceramics. Optical Materials, 2017, 69, 169-174.	1.7	14
100	Fabrication and spectroscopic properties of Co:MgAl 2 O 4 transparent ceramics by the HIP post-treatment. Optical Materials, 2017, 69, 152-157.	1.7	22
101	Perfectly transparent pore-free Nd3+-doped Sr9GdF21 polycrystalline ceramics elaborated from single-crystal ceramization. Journal of the European Ceramic Society, 2017, 37, 4912-4918.	2.8	13
102	The role of air annealing on the optical and scintillation properties of Mg co-doped Pr:LuAG transparent ceramics. Optical Materials, 2017, 72, 201-207.	1.7	16
103	Fabrication of Nd:Lu 2.7 Gd 0.3 Al 5 O 12 transparent ceramics by solid-state reactive sintering. Optical Materials, 2017, 66, 422-427.	1.7	5
104	Fabrication, microstructure and luminescence properties of Cr 3+ doped Lu 3 A1 5 O 12 red scintillator ceramics. Optical Materials, 2017, 66, 487-493.	1.7	9
105	Synthesis of Tb4O7 nanopowders by the carbonate-precipitation method for Tb3Al5O12 magneto-optical ceramics. Optical Materials, 2017, 73, 706-711.	1.7	14
106	High efficiency laser action in mildly doped Yb:LuYAG ceramics. Optical Materials, 2017, 73, 312-318.	1.7	20
107	A kind of bilayer structure ceramic scintillators designed for phoswich detectors. Journal of the American Ceramic Society, 2017, 100, 5593-5600.	1.9	3
108	Fabrication of Tb3Al5O12 transparent ceramics using co-precipitated nanopowders: The influence of ammonium hydrogen carbonate to metal ions molar ratio. Ceramics International, 2017, 43, 14457-14463.	2.3	30

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109	Fabrication of Tb3Al5O12 transparent ceramics using co-precipitated nanopowders. Optical Materials, 2017, 73, 38-44.	1.7	24
110	Optimization of Diode-Pumped Continuous-Wave Tape-Casting YAG/Nd:YAG/YAG-Ceramic Lasers. Journal of Russian Laser Research, 2017, 38, 539-543.	0.3	3
111	Re-clustering of neodymium ions in neodymium, buffer ion-codoped alkaline-earth fluoride transparent ceramics. CrystEngComm, 2017, 19, 4480-4484.	1.3	4
112	Fabrication and characterizations of (Lu,Gd)2O3:Eu scintillation ceramics. Ceramics International, 2017, 43, 2165-2169.	2.3	15
113	Transparent Nd-doped Ca1âˆ’xYxF2+x ceramics prepared by the ceramization of single crystals. Materials and Design, 2017, 113, 326-330.	3.3	20
114	Thulium doped LuAG ceramics for passively mode locked lasers. Optics Express, 2017, 25, 7084.	1.7	17
115	Preparation and characterizations of Nd:YAG ceramic derived silica fibers drawn by post-feeding molten core approach. Optics Express, 2016, 24, 24248.	1.7	34
116	Densification Behavior, Phase Transition, and Preferred Orientation of Hotâ€Pressed ZnS Ceramics from Precipitated Nanopowders. Journal of the American Ceramic Society, 2016, 99, 3060-3066.	1.9	17
117	Role of Y Admixture in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi>Lu</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml Physical Review Applied, 2016, 6, .	1.5	23
118	Fabrication of Nd:YAG transparent ceramics by non-aqueous gelcasting and vacuum sintering. Journal of the European Ceramic Society, 2016, 36, 2543-2548.	2.8	20
119	Fabrication and properties of transparent Tb:YAG fluorescent ceramics with different doping concentrations. Ceramics International, 2016, 42, 13812-13818.	2.3	15
120	First laser emission of Yb_015:(Lu_05Y_05)_3Al_5O_12 ceramics. Optics Express, 2016, 24, 9611.	1.7	22
121	Densification behavior, doping profile and planar waveguide laser performance of the tape casting YAG/Nd:YAG/YAG ceramics. Optical Materials, 2016, 60, 221-229.	1.7	11
122	Fabrication, microstructure and magneto-optical properties of Tb3Al5O12 transparent ceramics. Optical Materials, 2016, 62, 205-210.	1.7	29
123	Tunable single-longitudinal-mode operation of a sandwich-type YAG/Ho:YAG/YAG ceramic laser. Infrared Physics and Technology, 2016, 78, 40-44.	1.3	4
124	Ceramic planar waveguide laser of non-aqueous tape casting fabricated YAG/Yb:YAG/YAG. Scientific Reports, 2016, 6, 31289.	1.6	14
125	Resonantly pumped high power acousto-optical Q-switched Ho:YAG ceramic laser. Optik, 2016, 127, 1595-1598.	1.4	3
126	Synthesis of yttria nano-powders by the precipitation method: The influence of ammonium hydrogen carbonate to metal ions molar ratio and ammonium sulfate addition. Journal of Alloys and Compounds, 2016, 678, 258-266.	2.8	29

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127	LD pumped passively Q-switched ceramic Nd:YAG 946Ânm laser with a high peak power output. Optical and Quantum Electronics, 2016, 48, 1.	1.5	3
128	Diode-pumped tape casting planar waveguide YAG/Tm:YAG/YAG ceramic laser at 201376â€‰â€‰nm. Optics Letters, 2016, 41, 254.	1.7	12
129	Continuous-wave and passively Q-switched 1.06Î¼m ceramic Nd:YAG laser. Optics and Laser Technology, 2016, 81, 46-49.	2.2	17
130	Passively Q-switched Ho:YLF laser pumped by Tm3+-doped fiber laser. Optics and Laser Technology, 2016, 77, 55-58.	2.2	9
131	Fabrication, microstructure and laser performance of Nd 3+ -doped Lu 3 Al 5 O 12 transparent ceramics. Journal of the European Ceramic Society, 2016, 36, 655-661.	2.8	14
132	Fabrication and properties of highly transparent Yb:LuAG ceramics. Journal of Alloys and Compounds, 2016, 664, 595-601.	2.8	30
133	Gd₂O₂S: Pr Scintillation Ceramics from Powder Synthesized by a Novel Carbothermal Reduction Method. Journal of the American Ceramic Society, 2015, 98, 2159-2164.	1.9	19
134	Fabrication and Scintillation Performance of Nonstoichiometric LuAG:Ce Ceramics. Journal of the American Ceramic Society, 2015, 98, 510-514.	1.9	25
135	Fabrication of YAG transparent ceramics using carbonate precipitated yttria powder. Journal of the European Ceramic Society, 2015, 35, 2379-2390.	2.8	31
136	Transparent Yb: (LuxSc1â^'x)2O3 ceramics sintered from carbonate co-precipitated powders. Ceramics International, 2015, 41, 6335-6339.	2.3	22
137	GaSb-based SESAM mode-locked Tm:YAG ceramic laser at 2 Âµm. Optics Express, 2015, 23, 1361.	1.7	48
138	Fabrication and thermal effects of highly transparent polycrystalline Nd:YAG ceramics. Optical Materials, 2015, 49, 105-109.	1.7	9
139	Continuous-wave laser performance of non-aqueous tape casting fabricated Yb:YAG ceramics. Optical Materials Express, 2015, 5, 330.	1.6	17
140	Nd:YAG transparent ceramics fabricated by direct cold isostatic pressing and vacuum sintering. Optical Materials, 2015, 50, 25-31.	1.7	24
141	Spark plasma sintering of Y2O3â€"MgO composite nanopowder synthesized by the esterification solâ€"gel route. Ceramics International, 2015, 41, 3312-3317.	2.3	47
142	Influences of Solid Loadings on the Microstructures and the Optical Properties of <scp>Y</scp>b:<scp>YAG</scp> Ceramics. International Journal of Applied Ceramic Technology, 2015, 12, 418-425.	1.1	7
143	Effect of air annealing on the optical properties and laser performance of Nd:YAG transparent ceramics. Optical Materials Express, 2014, 4, 2108.	1.6	33
144	Preparation and properties of transparent Eu:YAG fluorescent ceramics with different doping concentrations. Ceramics International, 2014, 40, 8539-8545.	2.3	39

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145	Effects of ball milling time on microstructure evolution and optical transparency of Nd:YAG ceramics. Ceramics International, 2014, 40, 9841-9851.	2.3	39
146	Influence of heat treatment of powder mixture on the microstructure and optical transmission of Nd:YAG transparent ceramics. Journal of the European Ceramic Society, 2014, 34, 2497-2507.	2.8	61
147	Study of Yb:YAG ceramic slab with Cr4+:YAG edge cladding. Ceramics International, 2014, 40, 8879-8883.	2.3	12
148	Fabrication of composite YAG/Nd:YAG/YAG transparent ceramics for planar waveguide laser. Optical Materials Express, 2014, 4, 1042.	1.6	71
149	Influence of doping concentration on microstructure evolution and sintering kinetics of Er:YAG transparent ceramics. Optical Materials, 2014, 37, 706-713.	1.7	22
150	Solid-state reactive sintering of YAG transparent ceramics for optical applications. Journal of Alloys and Compounds, 2014, 616, 81-88.	2.8	52
151	Fabrication and scintillation properties of highly transparent Pr:LuAG ceramics using Sc,La-based isovalent sintering aids. Ceramics International, 2013, 39, 5985-5990.	2.3	18
152	Optimization of dispersing agents for preparing YAG transparent ceramics. Journal of Rare Earths, 2013, 31, 507-511.	2.5	7
153	Transparent Y3Al5O12 ceramics produced by an aqueous tape casting method. Ceramics International, 2013, 39, 4639-4643.	2.3	24
154	Comparison of aqueous- and non-aqueous-based tape casting for preparing YAG transparent ceramics. Journal of Alloys and Compounds, 2013, 577, 228-231.	2.8	44
155	The history, development, and future prospects for laser ceramics: A review. International Journal of Refractory Metals and Hard Materials, 2013, 39, 44-52.	1.7	99
156	High doping Nd:YAG transparent ceramics fabricated by solidâ€state reactive sintering. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 933-939.	0.8	9
157	Solidâ€State Reactive Sintering and Optical Characteristics of Transparent <scp>Er:YAG</scp> Laser Ceramics. Journal of the American Ceramic Society, 2012, 95, 1029-1032.	1.9	10
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