

# Xiaofeng Liu

## List of Publications by Citations

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182  
papers

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192  
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6,899  
ext. citations

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L-index

#	Paper	IF	Citations
182	Salt melt synthesis of ceramics, semiconductors and carbon nanostructures. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 8237-65	58.5	384
181	Lanthanide-doped NaGdF <sub>4</sub> core-shell nanoparticles for non-contact self-referencing temperature sensors. <i>Nanoscale</i> , <b>2014</b> , 6, 5675-9	7.7	212
180	Moderating black powder chemistry for the synthesis of doped and highly porous graphene nanoplatelets and their use in electrocatalysis. <i>Advanced Materials</i> , <b>2013</b> , 25, 6284-90	24	209
179	Highly Efficient and Reliable Transparent Electromagnetic Interference Shielding Film. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 11941-11949	9.5	189
178	Emerging Low-Dimensional Materials for Nonlinear Optics and Ultrafast Photonics. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605886	24	184
177	A facile molten-salt route to graphene synthesis. <i>Small</i> , <b>2014</b> , 10, 193-200	11	174
176	Reversible 3D laser printing of perovskite quantum dots inside a transparent medium. <i>Nature Photonics</i> , <b>2020</b> , 14, 82-88	33.9	168
175	Transparent glass-ceramics functionalized by dispersed crystals. <i>Progress in Materials Science</i> , <b>2018</b> , 97, 38-96	42.2	164
174	Recent advances in energy transfer in bulk and nanoscale luminescent materials: from spectroscopy to applications. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 8714-46	58.5	141
173	Molten salt activation for synthesis of porous carbon nanostructures and carbon sheets. <i>Carbon</i> , <b>2014</b> , 69, 460-466	10.4	141
172	Low-dose real-time X-ray imaging with nontoxic double perovskite scintillators. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 112	16.7	127
171	Achieving Thermo-Mechano-Opto-Responsive Bitemporal Colorful Luminescence via Multiplexing of Dual Lanthanides in Piezoelectric Particles and its Multidimensional Anticounterfeiting. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804644	24	113
170	Efficient broadband near-infrared quantum cutting for solar cells. <i>Optics Express</i> , <b>2010</b> , 18, 9671-6	3.3	111
169	Broadband conversion of visible light to near-infrared emission by Ce <sup>3+</sup> , Yb <sup>3+</sup> -codoped yttrium aluminum garnet. <i>Optics Letters</i> , <b>2009</b> , 34, 3565-7	3	106
168	Cooperative downconversion in Yb <sup>3+</sup> /RE <sup>3+</sup> (RE=Tm or Pr) codoped lanthanum borogermanate glasses. <i>Optics Letters</i> , <b>2008</b> , 33, 2858-60	3	81
167	Universal Near-Infrared and Mid-Infrared Optical Modulation for Ultrafast Pulse Generation Enabled by Colloidal Plasmonic Semiconductor Nanocrystals. <i>ACS Nano</i> , <b>2016</b> , 10, 9463-9469	16.7	76
166	Cooperative downconversion and near-infrared luminescence of Tb <sup>3+</sup> /Yb <sup>3+</sup> codoped lanthanum borogermanate glasses. <i>Applied Physics B: Lasers and Optics</i> , <b>2009</b> , 96, 51-55	1.9	74

165	Broadband Near-Infrared Garnet Phosphors with Near-Unity Internal Quantum Efficiency. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000296	8.1	74
164	Facile synthetic strategy for efficient and multi-color fluorescent BCNO nanocrystals. <i>Chemical Communications</i> , <b>2009</b> , 4073-5	5.8	70
163	A Solution-Processed Ultrafast Optical Switch Based on a Nanostructured Epsilon-Near-Zero Medium. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700754	24	68
162	A molten-salt route for synthesis of Si and Ge nanoparticles: chemical reduction of oxides by electrons solvated in salt melt. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5454		60
161	Highly efficient phosphor-glass composites by pressureless sintering. <i>Nature Communications</i> , <b>2020</b> , 11, 2805	17.4	58
160	Three-Dimensional Laser-Assisted Patterning of Blue-Emissive Metal Halide Perovskite Nanocrystals inside a Glass with Switchable Photoluminescence. <i>ACS Nano</i> , <b>2020</b> , 14, 3150-3158	16.7	57
159	Polarization modulated upconversion luminescence: single particle vs. few-particle aggregates. <i>Nanoscale</i> , <b>2015</b> , 7, 6462-6	7.7	52
158	The reduction of Cu <sup>2+</sup> to Cu <sup>+</sup> and optical properties of Cu <sup>+</sup> ions in Cu-doped and Cu/Al-codoped high silica glasses sintered in an air atmosphere. <i>Chemical Physics Letters</i> , <b>2009</b> , 482, 228-233	2.5	52
157	Reduction of Eu <sup>3+</sup> to Eu <sup>2+</sup> in Eu-doped high silica glass prepared in air atmosphere. <i>Optical Materials</i> , <b>2010</b> , 32, 427-431	3.3	51
156	Mesoporous nitrogen-doped carbon for copper-mediated Ullmann-type C <sub>D</sub> /N/S cross-coupling reactions. <i>RSC Advances</i> , <b>2013</b> , 3, 1890-1895	3.7	50
155	Two-Dimensional GeSe as an Isostructural and Isoelectronic Analogue of Phosphorene: Sonication-Assisted Synthesis, Chemical Stability, and Optical Properties. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 8361-8368	9.6	45
154	Intense near-infrared emission from ZnO-LiYbO <sub>2</sub> hybrid phosphors through efficient energy transfer from ZnO to Yb(3+). <i>Optics Express</i> , <b>2010</b> , 18, 639-44	3.3	45
153	Ultrafast Nonlinear Optical Response in Plasmonic 2D Molybdenum Oxide Nanosheets for Mode-Locked Pulse Generation. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1700948	8.1	44
152	Stretchable Organometal-Halide-Perovskite Quantum-Dot Light-Emitting Diodes. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807516	24	43
151	Functional Ag porous films prepared by electrospinning. <i>Applied Surface Science</i> , <b>2009</b> , 255, 7623-7626	6.7	43
150	Understanding Enhanced Upconversion Luminescence in Oxyfluoride Glass-Ceramics Based on Local Structure Characterizations and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 15384-15391	3.8	42
149	Intense infrared emission of Er(3+) in Ca <sub>8</sub> Mg(SiO <sub>4</sub> ) <sub>4</sub> Cl <sub>2</sub> phosphor from energy transfer of Eu(2+) by broadband down-conversion. <i>Optics Express</i> , <b>2010</b> , 18, 21663-8	3.3	42
148	Realizing Visible Light Excitation of Tb <sup>3+</sup> via Highly Efficient Energy Transfer from Ce <sup>3+</sup> for LED-Based Applications. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801677	8.1	42

147	Broadband spectral modification from visible light to near-infrared radiation using Ce(3+)-Er(3+) codoped yttrium aluminium garnet. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 13759-62	3.6	41
146	Sulphur-doped ordered mesoporous carbon with enhanced electrocatalytic activity for the oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , <b>2016</b> , 25, 566-570	12	38
145	Manipulation of Phase and Microstructure at Nanoscale for SiC in Molten Salt Synthesis. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 2021-2027	9.6	36
144	BCNO-Based Long-Persistent Phosphor. <i>Journal of the Electrochemical Society</i> , <b>2009</b> , 156, P81	3.9	36
143	Enhanced upconversion luminescence in NaYF <sub>4</sub> : Er nanoparticles with multi-wavelength excitation. <i>Materials Letters</i> , <b>2014</b> , 128, 299-302	3.3	35
142	Spectroscopic investigation on BCNO-based phosphor: photoluminescence and long persistent phosphorescence. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 215409	3	35
141	Preparation and characterization of Ag nanoparticle-embedded polymer electrospun nanofibers. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 1319-1329	2.3	35
140	Near-Infrared Light-Induced Photocurrent from a (NaYF <sub>4</sub> :Yb-Tm)/(Cu <sub>2</sub> O) Composite Thin Film. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1401041	21.8	34
139	Quantum Cutting in Tm <sup>3+</sup> /Yb <sup>3+</sup> -Codoped Lanthanum Aluminum Germanate Glasses. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 654-657	3.8	34
138	Lanthanide doped nanoparticles as remote sensors for magnetic fields. <i>Nanoscale</i> , <b>2014</b> , 6, 11002-6	7.7	33
137	Multicolor upconversion luminescence from RE <sup>3+</sup> -Yb <sup>3+</sup> (RE=Er, Tm, Tb) codoped LaAlGe <sub>2</sub> O <sub>7</sub> glasses. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 495, 205-208	5.7	33
136	Luminescence properties of the Eu-doped porous glass and spontaneous reduction of Eu <sup>3+</sup> to Eu <sup>2+</sup> . <i>Journal of Luminescence</i> , <b>2009</b> , 129, 1393-1397	3.8	33
135	Fabrication and optical properties of Y <sub>2</sub> O <sub>3</sub> : Eu <sup>3+</sup> nanofibers prepared by electrospinning. <i>Optics Express</i> , <b>2009</b> , 17, 22514-9	3.3	33
134	Broadband down-conversion spectral modification based on energy transfer. <i>Optical Materials</i> , <b>2010</b> , 33, 153-158	3.3	33
133	Synthesis of NaYF <sub>4</sub> :Yb-Tm thin film with strong NIR photon up-conversion photoluminescence using electro-deposition method. <i>CrystEngComm</i> , <b>2014</b> , 16, 4023-4028	3.3	32
132	Polarized Luminescence Properties of TiO <sub>2</sub> :Sm <sup>3+</sup> Microfibers and Microbelts Prepared by Electrospinning. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 9595-9600	3.8	32
131	Broadly Tunable Plasmons in Doped Oxide Nanoparticles for Ultrafast and Broadband Mid-Infrared All-Optical Switching. <i>ACS Nano</i> , <b>2018</b> , 12, 12770-12777	16.7	32
130	Efficient Light Extraction of Organic Light-Emitting Diodes on a Fully Solution-Processed Flexible Substrate. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700307	8.1	31

129	Transparent colloid containing upconverting nanocrystals: an alternative medium for three-dimensional volumetric display. <i>Applied Optics</i> , <b>2008</b> , 47, 6416-21	0.2	30
128	Linear and Nonlinear Optical Properties of Few-Layer Exfoliated SnSe Nanosheets. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1800579	8.1	30
127	Optical temperature sensing with minimized heating effect using core-shell upconversion nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 21540-21545	3.7	28
126	Hydrogen storage properties of Mg <sub>100-x</sub> Nix (x=5, 11.3, 20, 25) composites prepared by hydriding combustion synthesis followed by mechanical milling (HCS+MM). <i>Intermetallics</i> , <b>2007</b> , 15, 1582-1588	3.5	28
125	Size-dependent polarized photoluminescence from Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> : Eu <sup>3+</sup> single crystalline nanofiber prepared by electrospinning. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 1587		27
124	Photoluminescence of Ag nanoparticle embedded Tb <sup>3+</sup> /Ce <sup>3+</sup> codoped NaYF <sub>4</sub> /PVP nanofibers prepared by electrospinning. <i>Nanotechnology</i> , <b>2009</b> , 20, 055707	3.4	27
123	A volumetric full-color display realized by frequency upconversion of a transparent composite incorporating dispersed nonlinear optical crystals. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e394-e394	10.3	26
122	Enhanced mid-IR emission in Yb <sup>3+</sup> /Tm <sup>3+</sup> co-doped oxyfluoride glass ceramics. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 3032-3037	5.7	26
121	A Universal Photochemical Approach to Ultra-Small, Well-Dispersed Nanoparticle/Reduced Graphene Oxide Hybrids with Enhanced Nonlinear Optical Properties. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 836-841	8.1	25
120	Enhanced broadband near-infrared emission and energy transfer in Bi-Tm-codoped germanate glasses for broadband optical amplification. <i>Optics Letters</i> , <b>2009</b> , 34, 2486-8	3	25
119	Structure and hydrogenation properties of nanocrystalline Mg <sub>2</sub> Ni prepared by hydriding combustion synthesis and mechanical milling. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 455, 197-202	5.7	25
118	Highly efficient up-conversion luminescence in BaCl <sub>2</sub> :Er <sup>3+</sup> +phosphors via simultaneous multiwavelength excitation. <i>Applied Physics Express</i> , <b>2015</b> , 8, 032301	2.4	23
117	Synthesis of novel 2-d carbon materials: sp <sup>2</sup> carbon nanoribbon packing to form well-defined nanosheets. <i>Materials Horizons</i> , <b>2016</b> , 3, 214-219	14.4	23
116	Optical gain at 1550 nm from colloidal solution of Er <sup>3+</sup> -Yb <sup>3+</sup> codoped NaYF <sub>4</sub> nanocubes. <i>Optics Express</i> , <b>2009</b> , 17, 5885-90	3.3	23
115	Additive manufacturing of silica glass using laser stereolithography with a top-down approach and fast debinding.. <i>RSC Advances</i> , <b>2018</b> , 8, 16344-16348	3.7	22
114	Magnetic Tuning of Optical Hysteresis Behavior in Lanthanide-Doped Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 5583-5588	3.8	22
113	Further investigation of the characteristics of nodular defects. <i>Applied Optics</i> , <b>2010</b> , 49, 1774-9	0.2	22
112	Hydriding and dehydriding properties of nanostructured Mg <sub>2</sub> Ni alloy prepared by the process of hydriding combustion synthesis and subsequent mechanical grinding. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 425, 235-238	5.7	22

111	Single-molecule photoreaction quantitation through intraparticle-surface energy transfer (i-SET) spectroscopy. <i>Nature Communications</i> , <b>2020</b> , 11, 4297	17.4	22
110	Single femtosecond laser beam induced nanogratings in transparent media - Mechanisms and applications. <i>Journal of Materiomics</i> , <b>2019</b> , 5, 1-14	6.7	22
109	Structure-Properties Correlation in Si Nanoparticles by Total Scattering and Computer Simulations. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 2365-2371	9.6	21
108	Hydriding characteristics of Mg <sub>2</sub> Ni prepared by mechanical milling of the product of hydriding combustion synthesis. <i>International Journal of Hydrogen Energy</i> , <b>2007</b> , 32, 2450-2454	6.7	21
107	A facile one-step synthesis of ZnO quantum dots modified poly(triazine imide) nanosheets for enhanced hydrogen evolution under visible light. <i>Chemical Communications</i> , <b>2016</b> , 52, 13020-13023	5.8	21
106	Broad Mid-Infrared Luminescence in a Metal-Organic Framework Glass. <i>ACS Omega</i> , <b>2019</b> , 4, 12081-12087	3.9	20
105	Crystallization and concentration modulated tunable upconversion luminescence of Er <sup>3+</sup> doped PZT nanofibers. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 382-389	7.1	20
104	3D printing of multicolor luminescent glass.. <i>RSC Advances</i> , <b>2018</b> , 8, 31564-31567	3.7	20
103	Dynamic contributions of P- and E-selectins to $\alpha$ -integrin-induced neutrophil transmigration. <i>FASEB Journal</i> , <b>2017</b> , 31, 212-223	0.9	19
102	Tunable Emission of BCNO Nanoparticle-Embedded Polymer Electrospun Nanofibers. <i>Electrochemical and Solid-State Letters</i> , <b>2009</b> , 12, K53		19
101	Adaptive metric learning with deep neural networks for video-based facial expression recognition. <i>Journal of Electronic Imaging</i> , <b>2018</b> , 27, 1	0.7	19
100	Cu-Sn-S plasmonic semiconductor nanocrystals for ultrafast photonics. <i>Nanoscale</i> , <b>2016</b> , 8, 18277-18281	7.7	19
99	Refractory Plasmonic Metal Nitride Nanoparticles for Broadband Near-Infrared Optical Switches. <i>Laser and Photonics Reviews</i> , <b>2019</b> , 13, 1900029	8.3	18
98	Near-infrared laser driven white light continuum generation: materials, photophysical behaviours and applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 3461-3483	58.5	18
97	High-Power Broadband NIR LEDs Enabled by Highly Efficient Blue-to-NIR Conversion. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001660	8.1	18
96	One-Dimensional Chains in Pentanary Chalcogenides ABaCuSbS (A = K, Rb, Cs) Displaying a Photocurrent Response. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1577-1581	5.1	17
95	Fabrication of the (Y <sub>2</sub> O <sub>3</sub> :Yb <sup>3+</sup> )/Bi <sub>2</sub> S <sub>3</sub> composite film for near-infrared photoresponse. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 5917-5922	13	17
94	Long lasting phosphorescence in oxygen-deficient zincboron-germanosilicate glass/ceramics. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 504, 177-180	5.7	17

93	Enhanced luminescence of CsPbBr perovskite quantum-dot-doped borosilicate glasses with Ag nanoparticles. <i>Optics Letters</i> , <b>2019</b> , 44, 5626-5629	3	17
92	Discovery of non-reversible thermally enhanced upconversion luminescence behavior in rare-earth doped nanoparticles. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 4336-4343	7.1	16
91	Transparent organic/inorganic nanocomposites for tunable full-color upconversion. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 9089-9094	7.1	16
90	Near-Infrared Emission and Photon Energy Upconversion of Two-Dimensional Copper Silicates. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 20571-20577	3.8	16
89	Upconversion Luminescence from Ln <sup>3+</sup> (Ho <sup>3+</sup> ,Pr <sup>3+</sup> ) Ion-Doped BaCl <sub>2</sub> Particles via NIR Light of Sun Excitation. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 9606-9610	3.8	16
88	Enhanced broadband excited upconversion luminescence in Ho-doped glasses by codoping with bismuth. <i>Optics Letters</i> , <b>2014</b> , 39, 3022-5	3	16
87	Layered hydride CaNiGeH with a ZrCuSiAs-type structure: crystal structure, chemical bonding, and magnetism induced by Mn doping. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 11687-94	16.4	16
86	Cooperative Quantum Cutting in Yb <sup>3+</sup> and Er <sup>3+</sup> Codoped Borosilicate Glasses. <i>IEEE Photonics Technology Letters</i> , <b>2009</b> , 21, 1169-1171	2.2	16
85	Full-Color Chemically Modulated g-C <sub>3</sub> N <sub>4</sub> for White-Light-Emitting Device. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900775	8.1	15
84	Enhanced near-infrared emission and broadband optical amplification in YbBi co-doped germanosilicate glasses. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 155102	3	15
83	Tunable near-infrared emission and fluorescent lifetime of PbSe quantum dot-doped borosilicate glass. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 711, 58-63	5.7	14
82	CaF <sub>2</sub> :Eu films shine novel blue, white or red luminescence through adjustment of the valence state of Eu ions using the electro-deposition method. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12085-12089	7.1	14
81	Magnetic field enhanced upconversion luminescence and magnetic-optical hysteresis behaviors in NaYF <sub>4</sub> : Yb, Ho nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 7391-7395	3.7	14
80	Self-Organized Periodic Crystallization in Unconventional Glass Created by an Ultrafast Laser for Optical Attenuation in the Broadband Near-Infrared Region. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900593	8.1	14
79	Broadband spectral conversion of visible light to near-infrared emission via energy transfer from Ce <sup>3+</sup> to Nd <sup>3+</sup> /Yb <sup>3+</sup> in YAG. <i>Journal of Materials Research</i> , <b>2011</b> , 26, 689-692	2.5	14
78	Near-Unity and Zero-Thermal-Quenching Far-Red-Emitting Composite Ceramics via Pressureless Glass Crystallization. <i>Laser and Photonics Reviews</i> , <b>2021</b> , 15, 2100060	8.3	14
77	Enhanced Multiphoton Upconversion in Single Nanowires by Waveguiding Excitation. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 1174-1178	8.1	14
76	Nonlinear-Optical Response in Zeolitic Imidazolate Framework Glass. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8380-8386	8.386	13

75	Intense Red and Yellow Emissions from Sr <sub>2</sub> SiO <sub>4</sub> :Eu <sup>3+</sup> (Eu <sup>2+</sup> ) Electrospun Nanofibers. <i>Journal of the Electrochemical Society</i> , <b>2009</b> , 156, J347	3.9	13
74	3D printing of glass by additive manufacturing techniques: a review. <i>Frontiers of Optoelectronics</i> , <b>2020</b> , 14, 263	2.8	13
73	Structure and optical properties of Er-doped CaO-Al <sub>2</sub> O <sub>3</sub> (Ga <sub>2</sub> O <sub>3</sub> ) glasses fabricated by aerodynamic levitation. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 2852-2858	3.8	12
72	Surface crystallized Mn-doped glass-ceramics for tunable luminescence. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 5843-5852	3.8	12
71	Photochemically Derived Plasmonic Semiconductor Nanocrystals as an Optical Switch for Ultrafast Photonics. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3180-3187	9.6	12
70	Broadband NIR photoelectronic performance for sunlight-induced photocurrent from (NaYF <sub>4</sub> :Yb-Er)/BiOI hybrid films. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 697-704	3.8	12
69	Influence of high magnetic field on the luminescence of Eu <sup>3+</sup> -doped glass ceramics. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 123103	2.5	12
68	MgFeGe as an isoelectronic and isostructural analog of the superconductor LiFeAs. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	12
67	Abnormal upconversion luminescence from Yb <sup>3+</sup> doped and Tb <sup>3+</sup> /Yb <sup>3+</sup> codoped high silica glasses induced by intrinsic optical bistability. <i>Applied Physics B: Lasers and Optics</i> , <b>2010</b> , 98, 261-265	1.9	12
66	Linear and nonlinear optical characteristics of CsPbBr <sub>3</sub> perovskite quantum dots-doped borosilicate glasses. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 729-734	6	12
65	Effect of topological structure on photoluminescence of PbSe quantum dot-doped borosilicate glasses. <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 1508-1515	3.8	12
64	Line-scan system for continuous hand authentication. <i>Optical Engineering</i> , <b>2017</b> , 56, 033106	1.1	11
63	Suppression of Lanthanide Clustering in Glass by Network Topological Constraints. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 2976-2979	3.8	11
62	A cross-linking strategy with moderated pre-polymerization of resin for stereolithography.. <i>RSC Advances</i> , <b>2018</b> , 8, 29583-29588	3.7	11
61	Conversion of constant-wave near-infrared laser to continuum white light by Yb-doped oxides. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 7520-7526	7.1	11
60	Broadband downconversion from oxygen-deficient centers to Yb <sup>3+</sup> in germanate glasses. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 2185	1.7	10
59	Hydriding combustion synthesis of Mg <sub>2</sub> TaNi <sub>5</sub> composites. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 458, 394-397	5.7	10
58	3D printing of resin composites doped with upconversion nanoparticles for anti-counterfeiting and temperature detection. <i>Optics Express</i> , <b>2018</b> , 26, 25481-25491	3.3	10



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51	Three-dimensional printing of hybrid organic/inorganic composites with long persistence luminescence. <i>Optical Materials Express</i> , <b>2018</b> , 8, 2823	2.6	8
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