

An-Ming Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Upconversion luminescent nanoheater based on NaGd(MoO ₄) ₂ : Yb ³⁺ /Tm ³⁺ nanocrystals: Surfactant-free solvothermal synthesis, upconversion photoluminescence and photothermal conversion. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164087.	2.8	10
2	Interplay between H ₂ S and Anatase TiO ₂ (101) Surface: The Effect of Subsurface Oxygen Vacancy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3939-3948.	1.5	3
3	Multifunctional NaYbF_4 :Tm ³⁺ nanocrystals with intense ultraviolet self-sensitized upconversion luminescence and highly efficient optical heating. <i>Ceramics International</i> , 2022, 48, 22961-22966.	2.3	7
4	Electronic transition pathways in energy transfer processes for upconversion photoluminescence of Yb ³⁺ /Ho ³⁺ co-doped NaLa(MoO ₄) ₂ microcrystals. <i>Journal of Luminescence</i> , 2022, 248, 118962.	1.5	7
5	The effect of strain on water dissociation on reduced rutile TiO ₂ (110) surface. <i>RSC Advances</i> , 2021, 11, 8485-8490.	1.7	3
6	Plasmon-induced double-field-enhanced upconversion nanoprobe with near-infrared resonances for high-sensitivity optical bio-imaging. <i>Nanotechnology</i> , 2021, 32, 435201.	1.3	8
7	Carrier Dynamics in Alloyed Chalcogenide Quantum Dots and Their Light-Emitting Devices. <i>Advanced Energy Materials</i> , 2021, 11, 2101693.	10.2	29
8	Solid solution Na(Gd/La)(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ upconversion nanocrystals with simultaneously enhanced photothermal conversion efficiency and luminescence intensity. <i>Journal of Luminescence</i> , 2021, 239, 118356.	1.5	11
9	Enhancing upconversion luminescence of highly doped lanthanide nanoparticles through phase transition delay. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152622.	2.8	9
10	Enhanced yellow emission of Sm ³⁺ via Ce ³⁺ → Sm ³⁺ energy transfer in Gd _{0.1} Y _{0.9} AlO ₃ crystal. <i>Journal of Luminescence</i> , 2020, 227, 117533.	1.5	5
11	Photoluminescence properties of gadolinium phosphate nanoprisms doped with lanthanide ions for multicolor live cell imaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 11336-11345.	1.1	5
12	Enhanced emission of the 1.50–1.67 μm fluorescence in Er ³⁺ , Ce ³⁺ -codoped Lu ₃ Al ₅ O ₁₂ crystal. <i>Journal of Alloys and Compounds</i> , 2017, 696, 795-798.	2.8	14
13	Lanthanide-Doped KLu ₂ F ₇ Nanoparticles with High Upconversion Luminescence Performance: A Comparative Study by Judd-Ofelt Analysis and Energy Transfer Mechanistic Investigation. <i>Scientific Reports</i> , 2017, 7, 43189.	1.6	16
14	Spectral management and energy transfer mechanism of Eu ³⁺ -doped NaGdF_4 :Yb ³⁺ ,Er ³⁺ microcrystals. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4602-4610.	1.9	5
15	A novel anion doping strategy to enhance upconversion luminescence in NaCd(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ nanophosphors. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15693-15700.	1.3	38
16	Enhanced red upconversion emission and its mechanism in Yb ³⁺ -Er ³⁺ codoped NaLuF_4 nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 1193-1201.	1.4	21
17	Facile synthesis and emission enhancement in NaLuF ₄ upconversion nano/micro-crystals via Y ³⁺ doping. <i>Scientific Reports</i> , 2017, 7, 13762.	1.6	7
18	Hydrothermal synthesis, growth mechanism and down-shifting/upconversion photoluminescence of single crystal NaGd(MoO ₄) ₂ nanocubes doped with Eu ³⁺ , Tb ³⁺ and Yb ³⁺ /Er ³⁺ . <i>Journal of Crystal Growth</i> , 2017, 468, 149-154.	0.7	10

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19	Enhanced 27 μ m mid-infrared emissions of Er ³⁺ via Pr ³⁺ deactivation and Yb ³⁺ sensitization in LiNbO ₃ crystal. Optics Express, 2016, 24, 25202.	1.7	20
20	Classification of bee pollen grains using hyperspectral microscopy imaging and Fisher linear classifier. Optical Engineering, 2016, 55, 053102.	0.5	2
21	Enhancing thermal sensitivity in $\text{NaLuF}_4:\text{Yb}^{3+}, \text{Er}^{3+}$ upconversion nanocrystals. Journal of Fluorine Chemistry, 2016, 192, 41-47.	0.9	9
22	Morphology evolution and pure red upconversion mechanism of NaLuF_4 crystals. Scientific Reports, 2016, 6, 28051.	1.6	28
23	Research on free-space optical communication based on time-division multiplexing. Proceedings of SPIE, 2016, , .	0.8	0
24	NaGd(MoO ₄) ₂ nanocrystals with diverse morphologies: controlled synthesis, growth mechanism, photoluminescence and thermometric properties. Scientific Reports, 2016, 6, 31366.	1.6	24
25	Growth process and optical investigations of Nd:NaGd (MoO ₄) ₂ crystals with varying content of Nd and Gd. Crystal Research and Technology, 2016, 51, 137-144.	0.6	7
26	Upconversion Luminescence and Energy Transfer Mechanism of NaGd(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ Microcrystals. Journal of the American Ceramic Society, 2016, 99, 1657-1663.	1.9	53
27	Research on all-solid-state intracavity frequency doubling 457 nm laser with LBO and BIBO crystal. Optik, 2016, 127, 3862-3866.	1.4	2
28	Growth and spectral properties of Yb ³⁺ /Ho ³⁺ co-doped NaGd(MoO ₄) ₂ crystal. Materials Express, 2015, 5, 527-533.	0.2	16
29	Tuning of structure and enhancement of upconversion luminescence in NaLuF ₄ :Yb ³⁺ ,Ho ³⁺ crystals. Physical Chemistry Chemical Physics, 2015, 17, 19515-19526.	1.3	32
30	Facile morphology-controllable hydrothermal synthesis and color tunable luminescence properties of NaGd(MoO ₄) ₂ :Eu ³⁺ ,Tb ³⁺ microcrystals. RSC Advances, 2015, 5, 45693-45702.	1.7	42
31	Simultaneous realization of structure manipulation and emission enhancement in NaLuF ₄ upconversion crystals. Journal of Materials Chemistry C, 2015, 3, 11754-11765.	2.7	24
32	Pulse Fluctuations Caused by the Thermal Lens Effect in a Passively Q-Switched Laser System. Journal of Russian Laser Research, 2015, 36, 377-384.	0.3	8
33	High average output power passively Q-switched LD side-pumped laser by using Nd:YAG/Cr:YAG/YAG composite crystal. , 2015, , .		0
34	Spectral management in upconverting sesquioxide through matrix doping. Journal of Materials Chemistry C, 2015, 3, 9869-9876.	2.7	7
35	Diode-side-pumped actively Q-switched Nd:YAP/YVO ₄ multi-Watt first-Stokes laser. Optical Engineering, 2014, 53, 065101.	0.5	3
36	A LD side-pumped deep ultraviolet laser at 266nm by using a Nd:YAG/Cr ⁴⁺ :YAG/YAG composite crystal. Optics and Laser Technology, 2014, 63, 24-28.	2.2	10

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37	High average power passively Q-switched laser diode side-pumped green laser by using Nd:YAG/Cr ⁴⁺ :YAG/YAG composite crystal. Journal of Laser Applications, 2014, 26, .	0.8	11
38	Growth, thermal and spectral properties of Tm ³⁺ , Ho ³⁺ co-doped NaGd(MoO ₄) ₂ Crystal. Journal of Alloys and Compounds, 2014, 615, 482-487.	2.8	18
39	High average power, side-pumped passively Q-switched laser of 1064Ånm by using composite crystal Nd:YAG/Cr ⁴⁺ :YAG/YAG. Journal of Optics (India), 2014, 43, 183-187.	0.8	2
40	Diode-Side-Pumped Passively Q-Switched Mode-Locked 532Ånm Laser with a Nd:YAG/Cr ⁴⁺ :YAG/YAG Composite Crystal. Journal of Russian Laser Research, 2013, 34, 575-580.	0.3	5
41	Green Laser With V-Shaped Resonant Cavity Based on Nd:YAG/Cr ⁴⁺ :YAG/YAG Composite Crystal Rod. Journal of Applied Spectroscopy, 2013, 80, 694-697.	0.3	6