

An-Ming Li

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | A novel anion doping strategy to enhance upconversion luminescence in NaGd(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ nanophosphors. Physical Chemistry Chemical Physics, 2017, 19, 15693-15700. | 1.3 | 38 |
| 4 | 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 |
| 5 | Carrier Dynamics in Alloyed Chalcogenide Quantum Dots and Their Light-Emitting Devices. Advanced Energy Materials, 2021, 11, 2101693. | 10.2 | 29 |
| 6 | Morphology evolution and pure red upconversion mechanism of NaLuF_4 crystals. Scientific Reports, 2016, 6, 28051. | 1.6 | 28 |
| 7 | 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 |
| 8 | NaGd(MoO ₄) ₂ nanocrystals with diverse morphologies: controlled synthesis, growth mechanism, photoluminescence and thermometric properties. Scientific Reports, 2016, 6, 31366. | 1.6 | 24 |
| 9 | Enhanced red upconversion emission and its mechanism in Yb ³⁺ -Er ³⁺ codoped NaLuF_4 nanoparticles. New Journal of Chemistry, 2017, 41, 1193-1201. | 1.4 | 21 |
| 10 | Enhanced 27 μm 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 |
| 11 | 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 |
| 12 | 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 |
| 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. Scientific Reports, 2017, 7, 43189. | 1.6 | 16 |
| 14 | Enhanced emission of the 1.50-1.67 μm fluorescence in Er ³⁺ , Ce ³⁺ codoped Lu ₃ Al ₅ O ₁₂ crystal. Journal of Alloys and Compounds, 2017, 696, 795-798. | 2.8 | 14 |
| 15 | 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 |
| 16 | Solid solution Na(Gd/La)(MoO ₄) ₂ :Yb ³⁺ /Er ³⁺ upconversion nanocrystals with simultaneously enhanced photothermal conversion efficiency and luminescence intensity. Journal of Luminescence, 2021, 239, 118356. | 1.5 | 11 |
| 17 | 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 |
| 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⁺ . Journal of Crystal Growth, 2017, 468, 149-154. | 0.7 | 10 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Enhancing thermal sensitivity in $\hat{\pm}$ -NaLuF ₄ :Yb ³⁺ , Er ³⁺ upconversion nanocrystals. <i>Journal of Fluorine Chemistry</i> , 2016, 192, 41-47. | 0.9 | 9 |
| 21 | 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 |
| 22 | Pulse Fluctuations Caused by the Thermal Lens Effect in a Passively Q-Switched Laser System. <i>Journal of Russian Laser Research</i> , 2015, 36, 377-384. | 0.3 | 8 |
| 23 | 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 |
| 24 | Spectral management in upconverting sesquioxide through matrix doping. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9869-9876. | 2.7 | 7 |
| 25 | Growth process and optical investigations of Nd:NaGd (MoO ₄) ₂ crystals with varying content of Nd and Gd. <i>Crystal Research and Technology</i> , 2016, 51, 137-144. | 0.6 | 7 |
| 26 | 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 |
| 27 | Multifunctional $\hat{\pm}$ -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 |
| 28 | 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 |
| 29 | Green Laser With V-Shaped Resonant Cavity Based on Nd:YAG/Cr ⁴⁺ :YAG/YAG Composite Crystal Rod. <i>Journal of Applied Spectroscopy</i> , 2013, 80, 694-697. | 0.3 | 6 |
| 30 | Diode-Side-Pumped Passively Q-Switched Mode-Locked 532Ånm Laser with a Nd:YAG/Cr ⁴⁺ :YAG/YAG Composite Crystal. <i>Journal of Russian Laser Research</i> , 2013, 34, 575-580. | 0.3 | 5 |
| 31 | Spectral management and energy transfer mechanism of Eu ³⁺ -doped $\hat{\pm}$ -NaGdF ₄ :Yb ³⁺ , Er ³⁺ microcrystals. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4602-4610. | 1.9 | 5 |
| 32 | 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 |
| 33 | 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 |
| 34 | Diode-side-pumped actively Q-switched Nd:YAP/YVO ₄ multi-Watt first-Stokes laser. <i>Optical Engineering</i> , 2014, 53, 065101. | 0.5 | 3 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | High average power, side-pumped passively Q-switched laser of 1064Ånm by using composite crystal Nd:YAG/Cr4+: YAG/YAG. Journal of Optics (India), 2014, 43, 183-187. | 0.8 | 2 |
| 38 | Classification of bee pollen grains using hyperspectral microscopy imaging and Fisher linear classifier. Optical Engineering, 2016, 55, 053102. | 0.5 | 2 |
| 39 | Research on all-solid-state intracavity frequency doubling 457 nm laser with LBO and BIBO crystal. Optik, 2016, 127, 3862-3866. | 1.4 | 2 |
| 40 | High average output power passively Q-switched LD side-pumped laser by using Nd:YAG/Cr:YAG/YAG composite crystal. , 2015, , . | | 0 |
| 41 | Research on free-space optical communication based on time-division multiplexing. Proceedings of SPIE, 2016, , . | 0.8 | 0 |