

# Xiangyu Zhang

## List of Publications by Year in descending order

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25  
papers

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citations

566801

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610482

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25  
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times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the static green up-conversion luminescence of NaY(MoO <sub>4</sub> ) <sub>2</sub> :Yb/Er microcrystals via an annealing strategy for anti-counterfeiting applications. Dalton Transactions, 2021, 50, 7826-7834.	1.6	10
2	Extending the color response range of Yb <sup>3+</sup> concentration-dependent multimodal luminescence in Yb/Er doped fluoride microrods by annealing treatment. Ceramics International, 2021, 47, 32000-32007.	2.3	10
3	Dynamic tailorable local luminescence patterns on single upconversion fluoride microcrystals via in situ oxidation through laser irradiation. Journal of Materials Chemistry C, 2019, 7, 11879-11886.	2.7	9
4	Engineering the color output in a single upconversion microtube via intervention of the electronic population. Journal of Luminescence, 2019, 205, 374-379.	1.5	4
5	Spatial control of upconversion emission in a single fluoride microcrystal via the excitation mode and native interference effect. Journal of Materials Chemistry C, 2018, 6, 622-629.	2.7	26
6	Excitation-power mediated optical hysteresis behavior in a single one-dimensional upconverting microcrystal. Journal of Materials Chemistry C, 2018, 6, 8011-8019.	2.7	16
7	Simultaneous spectra and dynamics processes tuning of a single upconversion microtube through Yb <sup>3+</sup> doping concentration and excitation power. Physical Chemistry Chemical Physics, 2017, 19, 4288-4296.	1.3	39
8	Simultaneous quasi-one-dimensional propagation and tuning of upconversion luminescence through waveguide effect. Scientific Reports, 2016, 6, 22433.	1.6	36
9	Spectral tuning via multi-phonon-assisted stokes and anti-stokes excitations in LaF <sub>3</sub> : Tm <sup>3+</sup> nanoparticles. Journal of Alloys and Compounds, 2016, 678, 212-218.	2.8	8
10	Photoluminescence investigation about zinc oxide with graphene oxide & reduced graphene oxide buffer layers. Journal of Colloid and Interface Science, 2014, 416, 289-293.	5.0	22
11	The effects of structural characterization on the luminescence of Eu <sup>3+</sup> -doped fluoride nano/microcrystals. CrystEngComm, 2014, 16, 11115-11121.	1.3	13
12	LiYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> upconverting submicro-particles: synthesis and formation mechanism exploration. RSC Advances, 2014, 4, 40223-40231.	1.7	14
13	Shape-selective synthesis, characterization and upconversion improvement of Yb <sup>3+</sup> /Er <sup>3+</sup> doped LiYF <sub>4</sub> microphosphors through pH tuning. RSC Advances, 2014, 4, 29165.	1.7	14
14	The synthesis and mechanism exploration of europium-doped LiYF <sub>4</sub> micro-octahedron phosphors with multilevel interiors. Dalton Transactions, 2014, 43, 5453.	1.6	17
15	Rare-earth doped LaF <sub>3</sub> hollow hexagonal nanoplates: hydrothermal synthesis and photoluminescence properties. CrystEngComm, 2014, 16, 7106-7114.	1.3	24
16	Field emission mechanism insights of graphene decorated with ZnO nanoparticles. RSC Advances, 2013, 3, 14073.	1.7	20
17	Microstructures, surface states and field emission mechanism of graphene-tin oxide hybrids. Journal of Colloid and Interface Science, 2013, 395, 40-44.	5.0	13
18	Formation of Bundle-Shaped $\beta$ -NaYF <sub>4</sub> Upconversion Microtubes via Ostwald Ripening. ACS Applied Materials & Interfaces, 2013, 5, 9732-9739.	4.0	88

#	ARTICLE	IF	CITATIONS
19	Optical properties of silver nanorods by adjusting aspect ratio in experiment and simulation. , 2013, , .		0
20	Codopant ion-induced tunable upconversion emission in $\text{NaYF}_4:\text{Yb}^{3+}/\text{Tm}^{3+}$ nanorods. Dalton Transactions, 2013, 42, 1834-1841.	1.6	38
21	$\text{Yb}^{3+}/\text{Er}^{3+}$ codoped $\text{NaYF}_4$ microrods: Synthesis and tuning of multicolor upconversion. Journal of Alloys and Compounds, 2013, 554, 395-399.	2.8	89
22	The novel upconversion properties of $\text{LiYbF}_4:\text{Er}$ microcrystals compared to the Na counterpart. CrystEngComm, 2012, 14, 8357.	1.3	26
23	Tuning upconversion emission by controlling particle shape in $\text{NaYF}_4:\text{Yb}^{3+}/\text{Er}^{3+}$ nanocrystals. Journal of Applied Physics, 2012, 111, .	1.1	41
24	Efficient fluorescence emission and photon conversion of $\text{LaOF}:\text{Eu}^{3+}$ nanocrystals. Applied Physics Letters, 2011, 98, 011907.	1.5	44
25	Down- and up-conversion luminescence of $\text{Tm}^{3+}/\text{Ho}^{3+}$ codoped $\text{LaOF}$ nanoparticles. Journal of Applied Physics, 2010, 107, .	1.1	20