

# Yue-tao Yang

## List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide-Containing Metallomesogens with Low Transition Temperatures. <i>Chemistry of Materials</i> , 2006, 18, 3698-3704.	6.7	56
2	Optical investigation on cadmium-doped zinc oxide nanoparticles synthesized by using a sonochemical method. <i>CrystEngComm</i> , 2012, 14, 240-245.	2.6	38
3	Study of lanthanide complexes with salicylic acid by photoacoustic and fluorescence spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 2065-2069.	3.9	36
4	Listening to Lanthanide Complexes: Determination of the Intrinsic Luminescence Quantum Yield by Nonradiative Relaxation. <i>ChemPhysChem</i> , 2008, 9, 600-606.	2.1	36
5	Nonlinear effects in a metamaterial with double negativity. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	24
6	High piezoelectricity of Pb(Zr,Ti)O <sub>3</sub> -based ternary compound thin films on silicon substrates. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	18
7	Spectral Study of the Co-luminescence Effect of Lanthanide Ternary Complexes with Benzoic Acid and Phenanthroline. <i>Spectroscopy Letters</i> , 2004, 37, 1-10.	1.0	14
8	A room-temperature ultrasonic hydrogen sensor based on a sensitive layer of reduced graphene oxide. <i>Scientific Reports</i> , 2021, 11, 2404.	3.3	12
9	Study of lanthanide doped zinc oxide nanoparticles synthesized via a sonochemical method. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 1280-1284.	5.1	11
10	Photoacoustic spectroscopy study of neodymium complexes with alanine, valine, phenylalanine and tryptophan. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1205-1212.	3.9	10
11	Photoacoustic spectroscopy study on the co-fluorescence effect of Eu <sup>3+</sup> -La <sup>3+</sup> -Hba solid complexes. <i>Journal of Physics and Chemistry of Solids</i> , 2003, 64, 1333-1337.	4.0	9
12	Effects of Pb(Mn,Nb)O <sub>3</sub> doping on the properties of PZT-based films deposited on silicon substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2460-2466.	1.8	9
13	Thermal property of biological tissues characterized by piezoelectric photoacoustic technique. <i>Science Bulletin</i> , 2004, 49, 2115-2119.	1.7	7
14	Study of erbium (III) doped titanium dioxide nanoparticles by photoacoustic spectroscopy. <i>Journal of Rare Earths</i> , 2010, 28, 211-214.	4.8	7
15	Photoacoustic spectral studies on lanthanide amino acid complexes. <i>Review of Scientific Instruments</i> , 2003, 74, 309-311.	1.3	5
16	Pressure-Induced Phase Transitions on a Liquid Crystalline Europium(III) Complex. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5291-5295.	2.6	5
17	Study of an organic-inorganic hybrid luminescence system by photoacoustic method. <i>Applied Physics Letters</i> , 2009, 95, 201115.	3.3	5
18	Study of Cadmium-Doped Zinc Oxide Nanocrystals with Composition and Size Dependent Band Gaps. <i>Chinese Journal of Chemical Physics</i> , 2018, 31, 197-202.	1.3	5

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19	Study of lanthanide aromatic acid complexes in silica gels by photoacoustic spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 543-546.	3.9	4
20	Photoacoustic spectroscopy study of lanthanide ternary complexes with salicylic acid and phenanthroline. <i>Physica Status Solidi A</i> , 2003, 198, 176-182.	1.7	3
21	Relaxation process and phase transition of lanthanide liquid crystalline complexes by photoacoustic spectroscopy. <i>Journal of Rare Earths</i> , 2008, 26, 320-325.	4.8	3
22	Co-fluorescence effect of rare earth complexes with 4-aminobenzoic acid in a silica matrix. <i>Spectroscopy Letters</i> , 2018, 51, 55-60.	1.0	2
23	Study of lanthanide liquid-crystalline complexes by Photoacoustic and luminescence spectroscopy. <i>European Physical Journal: Special Topics</i> , 2008, 153, 49-51.	2.6	1
24	Photoacoustic and Fluorescence Spectroscopy of Metallomesogens Containing Lanthanide Ions. <i>Chinese Journal of Chemical Physics</i> , 2008, 21, 99-104.	1.3	1
25	Lanthanide absorption spectral probe in titania nanoparticles synthesized by ultrasonic assistant sol-gel method. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 971-975.	4.0	1
26	Hypersensitive Transition of Nd(III) Complexes in Liquids Detected by Pulsed-Laser-Induced Photoacoustic Spectroscopy. <i>International Journal of Thermophysics</i> , 2013, 34, 1683-1688.	2.1	1
27	Cadmium-Alloyed Zinc Oxide Nanocrystals in the Quantum Confinement Region with Intense Visible Luminescence. <i>Crystal Research and Technology</i> , 2018, 53, 1800031.	1.3	1
28	Investigations of Rayleigh wave hydrogen sensors. , 2008, , .		0
29	A study on the nanocrystalline titanium dioxide synthesized by ultrasonic-assisted sol-gel process. , 2008, , .		0
30	Synthesis of zinc oxide nanorods in ionic liquid via ultrasonic irradiation. , 2009, , .		0
31	A study on the local environment of lanthanide ion in nanocrystalline titania. , 2009, , .		0
32	A study on the ultrasonic preparation of nanocrystalline zinc oxide in room temperature ionic liquid and triethylene glycol. , 2010, , .		0
33	Lanthanide ion dopant effect on the phase transformation in ultrasonic assistant sol-gel derived titania nanostructures. , 2010, , .		0
34	Preparation of europium (III) doped nanocrystalline zinc oxide in ionic liquid via an ultrasonic irradiation. , 2011, , .		0
35	Numerical simulations of the cavitation process in a room-temperature ionic liquid. , 2013, , .		0