Fiorenzo Vetrone

List of Publications by Citations

133 papers	13,936 citations	56 h-index	117 g-index
152 ext. papers	15,171 ext. citations	7.9 avg, IF	6.61 L-index

#	Paper	IF	Citations
133	Temperature sensing using fluorescent nanothermometers. *ACS Nano*, **2010**, 4, 3254-8	16.7	1082
132	Luminescence nanothermometry. *Nanoscale*, **2012**, 4, 4301-26	7.7	969
131	Synthesis of colloidal upconverting NaYF4 nanocrystals doped with Er3+, Yb3+ and Tm3+, Yb3+ via thermal decomposition of lanthanide trifluoroacetate precursors. *Journal of the American Chemical Society*, **2006**, 128, 7444-5	16.4	899
130	Synthesis of ligand-free colloidally stable water dispersible brightly luminescent lanthanide-doped upconverting nanoparticles. *Nano Letters*, **2011**, 11, 835-40	11.5	621
129	The Active-Core/Active-Shell Approach: A Strategy to Enhance the Upconversion Luminescence in Lanthanide-Doped Nanoparticles. *Advanced Functional Materials*, **2009**, 19, 2924-2929	15.6	596
128	Significance of Yb3+ concentration on the upconversion mechanisms in codoped Y2O3:Er3+, Yb3+ nanocrystals. *Journal of Applied Physics*, **2004**, 96, 661-667	2.5	468
127	Exploiting the biological windows: current perspectives on fluorescent bioprobes emitting above 1000 nm. *Nanoscale Horizons*, **2016**, 1, 168-184	10.8	387
126	Colloidal Tm3+/Yb3+-Doped LiYF4 Nanocrystals: Multiple Luminescence Spanning the UV to NIR Regions via Low-Energy Excitation. *Advanced Materials*, **2009**, 21, 4025-4028	24	367
125	NIR-to-NIR two-photon excited CaF2:Tm3+,Yb3+ nanoparticles: multifunctional nanoprobes for highly penetrating fluorescence bio-imaging. *ACS Nano*, **2011**, 5, 8665-71	16.7	342
124	Controlled Synthesis and Water Dispersibility of Hexagonal Phase NaGdF4:Ho3+/Yb3+ Nanoparticles. *Chemistry of Materials*, **2009**, 21, 717-723	9.6	333
123	Concentration-Dependent Near-Infrared to Visible Upconversion in Nanocrystalline and Bulk Y2O3:Er3+. *Chemistry of Materials*, **2003**, 15, 2737-2743	9.6	265
122	Enhancement of Red Emission (4F9/2 -4I15/2) via Upconversion in Bulk and Nanocrystalline Cubic Y2O3:Er3+. *Journal of Physical Chemistry B*, **2002**, 106, 1181-1187	3.4	253
121	CdSe quantum dots for two-photon fluorescence thermal imaging. *Nano Letters*, **2010**, 10, 5109-15	11.5	239
120	Variation of Fluorescence Lifetimes and Judd-Ofelt Parameters between Eu3+ Doped Bulk and Nanocrystalline Cubic Lu2O3. *Journal of Physical Chemistry B*, **2004**, 108, 20137-20143	3.4	233
119	Harvesting Lost Photons: Plasmon and Upconversion Enhanced Broadband Photocatalytic Activity in Core@Shell Microspheres Based on Lanthanide-Doped NaYF4, TiO2, and Au. *Advanced Functional Materials*, **2015**, 25, 2950-2960	15.6	231
118	Effect of Yb3+ Codoping on the Upconversion Emission in Nanocrystalline Y2O3:Er3+. *Journal of Physical Chemistry B*, **2003**, 107, 1107-1112	3.4	222
117	Near-Infrared-to-Blue Upconversion in Colloidal BaYF5:Tm3+, Yb3+ Nanocrystals. *Chemistry of Materials*, **2009**, 21, 1847-1851	9.6	217

116	Nd:YAG Near-Infrared Luminescent Nanothermometers. *Advanced Optical Materials*, **2015**, 3, 687-694	8.1	203
115	1.3 μm emitting SrF2:Nd3+ nanoparticles for high contrast in vivo imaging in the second biological window. *Nano Research*, **2015**, 8, 649-665	10	167
114	Optical spectroscopy of nanocrystalline cubic Y2O3:Er3+ obtained by combustion synthesis. *Physical Chemistry Chemical Physics*, **2000**, 2, 3203-3207	3.6	166
113	Intracellular imaging of HeLa cells by non-functionalized NaYF4 : Er3+, Yb3+ upconverting nanoparticles. *Nanoscale*, **2010**, 2, 495-8	7.7	165
112	Visible upconversion of Er3+ doped nanocrystalline and bulk Lu2O3. *Optical Materials*, **2002**, 19, 259-268	3.3	164
111	Improving biocompatibility of implantable metals by nanoscale modification of surfaces: an overview of strategies, fabrication methods, and challenges. *Small*, **2009**, 5, 996-1006	11	163
110	980 nm excited upconversion in an Er-doped ZnO–TeO2 glass. *Applied Physics Letters*, **2002**, 80, 1752-1754	3.4	161
109	A spectroscopic analysis of blue and ultraviolet upconverted emissions from Gd3Ga5O12:Tm3+, Yb3+ nanocrystals. *Journal of Physical Chemistry B*, **2005**, 109, 17400-5	3.4	160
108	Photocleavable Hydrogel-Coated Upconverting Nanoparticles: A Multifunctional Theranostic Platform for NIR Imaging and On-Demand Macromolecular Delivery. *Journal of the American Chemical Society*, **2016**, 138, 1078-83	16.4	158
107	Water dispersible ultra-small multifunctional KGdF4:Tm3+, Yb3+ nanoparticles with near-infrared to near-infrared upconversion. *Journal of Materials Chemistry*, **2011**, 21, 16589		156
106	Optical Spectroscopy and Upconversion Studies of Ho3+-Doped Bulk and Nanocrystalline Y2O3. *Chemistry of Materials*, **2002**, 14, 2915-2921	9.6	156
105	Hybrid nanostructures for high-sensitivity luminescence nanothermometry in the second biological window. *Advanced Materials*, **2015**, 27, 4781-7	24	149
104	Surface Nanopatterning to Control Cell Growth. *Advanced Materials*, **2008**, 20, 1488-1492	24	138
103	Bright White Upconversion Emission from Tm3+/Yb3+/Er3+-Doped Lu3Ga5O12 Nanocrystals. *Journal of Physical Chemistry C*, **2008**, 112, 17745-17749	3.8	136
102	Nanoscale oxidative patterning of metallic surfaces to modulate cell activity and fate. *Nano Letters*, **2009**, 9, 659-65	11.5	121
101	NIR to Visible Upconversion in Nanocrystalline and Bulk Lu2O3:Er3+. *Journal of Physical Chemistry B* , **2002**, 106, 5622-5628	3.4	117
100	Double rare-earth nanothermometer in aqueous media: opening the third optical transparency window to temperature sensing. *Nanoscale*, **2017**, 9, 3079-3085	7.7	114
99	Lanthanide-doped fluoride nanoparticles: luminescence, upconversion, and biological applications. *International Journal of Nanotechnology*, **2008**, 5, 1306	1.5	103

98	CdTe quantum dots as nanothermometers: towards highly sensitive thermal imaging. *Small*, **2011**, 7, 1774-8	11	102
97	Yb3+ ion as a sensitizer for the upconversion luminescence in nanocrystalline Gd3Ga5O12:Ho3+. *Chemical Physics Letters*, **2004**, 390, 403-407	2.5	101
96	PbS/CdS/ZnS Quantum Dots: A Multifunctional Platform for In Vivo Near-Infrared Low-Dose Fluorescence Imaging. *Advanced Functional Materials*, **2015**, 25, 6650-6659	15.6	98
95	Cross-Relaxation and Upconversion Processes in Pr3+ Singly Doped and Pr3+/Yb3+ Codoped Nanocrystalline Gd3Ga5O12: The Sensitizer/Activator Relationship. *Journal of Physical Chemistry C*, **2008**, 112, 7750-7756	3.8	95
94	Carbohydrate-coated lanthanide-doped upconverting nanoparticles for lectin recognition. *Journal of Materials Chemistry*, **2010**, 20, 7543		92
93	Infrared-Emitting QDs for Thermal Therapy with Real-Time Subcutaneous Temperature Feedback. *Advanced Functional Materials*, **2016**, 26, 6060-6068	15.6	92
92	A spectroscopic investigation of trivalent lanthanide doped Y2O3nanocrystals. *Nanotechnology*, **2004**, 15, 75-81	3.4	90
91	Enhancing upconverted white light in Tm3+/Yb3+/Ho3+-doped GdVO4 nanocrystals via incorporation of Li+ ions. *Optics Express*, **2012**, 20, 111-9	3.3	81
90	Temperature-Induced Energy Transfer in Dye-Conjugated Upconverting Nanoparticles: A New Candidate for Nanothermometry. *Chemistry of Materials*, **2015**, 27, 235-244	9.6	76
89	Structural and optical investigation of colloidal Ln3+/Yb3+ co-doped KY3F10nanocrystals. *Journal of Materials Chemistry*, **2009**, 19, 3149		76
88	Deep tissue bio-imaging using two-photon excited CdTe fluorescent quantum dots working within the biological window. *Nanoscale*, **2012**, 4, 298-302	7.7	75
87	Seeing, Targeting and Delivering with Upconverting Nanoparticles. *Journal of the American Chemical Society*, **2018**, 140, 10923-10931	16.4	73
86	Intense ultraviolet upconversion in water dispersible SrF2:Tm3+,Yb3+ nanoparticles: the effect of the environment on light emissions. *Journal of Materials Chemistry C*, **2015**, 3, 3108-3113	7.1	72
85	Nanoparticles for highly efficient multiphoton fluorescence bioimaging. *Optics Express*, **2010**, 18, 23544-53	3.3	70
84	Small and Bright Lithium-Based Upconverting Nanoparticles. *Journal of the American Chemical Society*, **2018**, 140, 12890-12899	16.4	65
83	White light upconversion of nanocrystalline Er/Tm/Yb doped tetragonal Gd4O3F6. *Optical Materials*, **2011**, 33, 643-646	3.3	64
82	PEG-capped, lanthanide doped GdF3 nanoparticles: luminescent and T2 contrast agents for optical and MRI multimodal imaging. *Nanoscale*, **2012**, 4, 7682-9	7.7	63
81	Efficient Upconverting Multiferroic Core@Shell Photocatalysts: Visible-to-Near-Infrared Photon Harvesting. *ACS Applied Materials & Interfaces*, **2017**, 9, 8142-8150	9.5	60

80	Optical transitions and upconversion properties of Ho3+ doped ZnO□eO2 glass. *Journal of Applied Physics*, **2003**, 93, 9460-9465	2.5	60
79	Enhanced photovoltaic properties in dye sensitized solar cells by surface treatment of SnO2 photoanodes. *Scientific Reports*, **2016**, 6, 23312	4.9	59
78	Tuning the sensitivity of lanthanide-activated NIR nanothermometers in the biological windows. *Nanoscale*, **2018**, 10, 2568-2576	7.7	58
77	Sensitized Ce(3+) and Gd(3+) ultraviolet emissions by Tm(3+) in colloidal LiYF(4) nanocrystals. *Chemistry - A European Journal*, **2009**, 15, 9660-3	4.8	55
76	Luminescence Spectroscopy and Near-Infrared to Visible Upconversion of Nanocrystalline Gd3Ga5O12:Er3+. *Journal of Physical Chemistry B*, **2003**, 107, 10747-10752	3.4	54
75	In Vivo Ischemia Detection by Luminescent Nanothermometers. *Advanced Healthcare Materials*, **2017**, 6, 1601195	10.1	53
74	Light Management in Upconverting Nanoparticles: Ultrasmall Core/Shell Architectures to Tune the Emission Color. *ACS Photonics*, **2014**, 1, 662-669	6.3	52
73	Photoswitching of bis-spiropyran using near-infrared excited upconverting nanoparticles. *Chemical Communications*, **2012**, 48, 7244-6	5.8	50
72	Decoupling Theranostics with Rare Earth Doped Nanoparticles. *Advanced Functional Materials*, **2019**, 29, 1807105	15.6	50
71	Upconverting Nanoparticle to Quantum Dot F□ster Resonance Energy Transfer: Increasing the Efficiency through Donor Design. *ACS Photonics*, **2018**, 5, 2261-2270	6.3	49
70	Multifunctional Liposome Nanocarriers Combining Upconverting Nanoparticles and Anticancer Drugs. *Journal of Physical Chemistry B*, **2016**, 120, 4992-5001	3.4	49
69	Multifunctional Self-Assembled Supernanoparticles for Deep-Tissue Bimodal Imaging and Amplified Dual-Mode Heating Treatment. *ACS Nano*, **2019**, 13, 408-420	16.7	49
68	Enhancing the color purity of the green upconversion emission from Er3+/Yb3+-doped GdVO4 nanocrystals via tuning of the sensitizer concentration. *Journal of Materials Chemistry C*, **2013**, 1, 6536	7.1	47
67	Real-time, non-invasive monitoring of hydrogel degradation using LiYF4:Yb(3+)/Tm(3+) NIR-to-NIR upconverting nanoparticles. *Nanoscale*, **2015**, 7, 11255-62	7.7	47
66	A single multifunctional nanoplatform based on upconversion luminescence and gold nanorods. *Nanoscale*, **2015**, 7, 5178-85	7.7	46
65	High resolution fluorescence imaging of cancers using lanthanide ion-doped upconverting nanocrystals. *Cancers*, **2012**, 4, 1067-105	6.6	46
64	Preferential suppression of high-energy upconverted emissions of Tm3+ by Dy3+ ions in Tm3+/Dy3+/Yb3+-doped LiYF4 colloidal nanocrystals. *Chemical Communications*, **2011**, 47, 3481-3	5.8	45
63	Nanostructured Lanthanide-Doped Lu2O3 Obtained by Propellant Synthesis. *Chemistry of Materials*, **2004**, 16, 1330-1335	9.6	45

62	Upconverting nanocomposites with combined photothermal and photodynamic effects. *Nanoscale*, **2018**, 10, 791-799	7.7	45
61	Enhanced Luminescence, Collective Heating, and Nanothermometry in an Ensemble System Composed of Lanthanide-Doped Upconverting Nanoparticles and Gold Nanorods. *Advanced Optical Materials*, **2015**, 3, 1606-1613	8.1	44
60	Advancing neodymium single-band nanothermometry. *Nanoscale*, **2019**, 11, 11322-11330	7.7	43
59	Luminescence of Eu3+ Activated CaF2 and SrF2 Nanoparticles: Effect of the Particle Size and Codoping with Alkaline Ions. *Crystal Growth and Design*, **2018**, 18, 686-694	3.5	37
58	Fluorescent nano-particles for multi-photon thermal sensing. *Journal of Luminescence*, **2013**, 133, 249-2538	3	37
57	Investigation of the upconversion processes in nanocrystalline Gd3Ga5O12:Ho3+. *Journal of Luminescence*, **2004**, 106, 263-268	3.8	37
56	Nd3+ activated CaF2 NPs as colloidal nanothermometers in the biological window. *Optical Materials* , **2017**, 68, 29-34	3.3	35
55	Sensitive Detection of ssDNA Using an LRET-Based Upconverting Nanohybrid Material. *ACS Applied Materials & Interfaces*, **2015**, 7, 18257-65	9.5	34
54	Heterostructured quantum dot architectures for efficient and stable photoelectrochemical hydrogen production. *Journal of Materials Chemistry A*, **2018**, 6, 6822-6829	13	34
53	Lanthanide-doped upconverting nanoparticles: harvesting light for solar cells. *ChemSusChem*, **2013**, 6, 1308-11	8.3	33
52	Core or Shell? Er3+ FRET Donors in Upconversion Nanoparticles. *European Journal of Inorganic Chemistry*, **2017**, 2017, 5186-5195	2.3	33
51	NIR-to-visible and NIR-to-NIR upconversion in lanthanide doped nanocrystalline GdOF with trigonal structure. *Optical Materials*, **2011**, 33, 1500-1505	3.3	33
50	Microwave-assisted cation exchange toward synthesis of near-infrared emitting PbS/CdS core/shell quantum dots with significantly improved quantum yields through a uniform growth path. *Nanoscale*, **2013**, 5, 7800-4	7.7	32
49	Optical spectroscopy of lanthanide ions in Al2O3Nb2O5TeO2 glasses. *Optical Materials*, **2004**, 25, 215-222	3.3	31
48	Covering the optical spectrum through collective rare-earth doping of NaGdF nanoparticles: 806 and 980 nm excitation routes. *Physical Chemistry Chemical Physics*, **2017**, 19, 11825-11834	3.6	30
47	Highly Efficient Copper Sulfide-Based Near-Infrared Photothermal Agents: Exploring the Limits of Macroscopic Heat Conversion. *Small*, **2018**, 14, e1803282	11	30
46	Luminescence resonance energy transfer from an upconverting nanoparticle to a fluorescent phycobiliprotein. *Nanoscale*, **2010**, 2, 1185-9	7.7	29
45	An Integrated Multifunctional Nanoplatform for Deep-Tissue Dual-Mode Imaging. *Advanced Functional Materials*, **2018**, 28, 1706235	15.6	27

44	Magnetic Photoluminescent Nanoplatform Built from Large-Pore Mesoporous Silica. *Chemistry of Materials*, **2019**, 31, 3201-3210	9.6	26
43	Morphology Control of Lanthanide Doped NaGdF4 Nanocrystals via One-Step Thermolysis. *Chemistry of Materials*, **2019**, 31, 5160-5171	9.6	25
42	Nd doped GdScAlO nanoparticles: towards efficient nanoprobes for temperature sensing. *Physical Chemistry Chemical Physics*, **2019**, 21, 11132-11141	3.6	25
41	Highly stable photoelectrochemical cells for hydrogen production using a SnO-TiO/quantum dot heterostructured photoanode. *Nanoscale*, **2018**, 10, 15273-15284	7.7	23
40	Tough, in-situ thermogelling, injectable hydrogels for biomedical applications. *Macromolecular Bioscience*, **2015**, 15, 473-80	5.5	23
39	Colloidal nanothermometers based on neodymium doped alkaline-earth fluorides in the first and second biological windows. *Sensors and Actuators B: Chemical*, **2017**, 250, 147-155	8.5	21
38	Development and Investigation of Ultrastable PbS/CdS/ZnS Quantum Dots for Near-Infrared Tumor Imaging. *Particle and Particle Systems Characterization*, **2017**, 34, 1600242	3.1	21
37	Single-shot compressed optical-streaking ultra-high-speed photography. *Optics Letters*, **2019**, 44, 1387-1390	3	21
36	Hybrid graphene/metal oxide anodes for efficient and stable dye sensitized solar cell. *Electrochimica Acta*, **2020**, 349, 136409	6.7	21
35	Visible upconversion emission of Pr3+ doped gadolinium gallium garnet nanocrystals. *Journal of Nanoscience and Nanotechnology*, **2004**, 4, 1025-31	1.3	19
34	Plasmon enhanced upconverting core@triple-shell nanoparticles as recyclable panchromatic initiators (blue to infrared) for radical polymerization. *Nanoscale Horizons*, **2019**, 4, 907-917	10.8	17
33	Tunable chemical release from polyester thin film by photocatalytic zinc oxide and doped LiYF4 upconverting nanoparticles. *Biomacromolecules*, **2015**, 16, 364-73	6.9	17
32	Inert Shell Effect on the Quantum Yield of Neodymium-Doped Near-Infrared Nanoparticles: The Necessary Shield in an Aqueous Dispersion. *Nano Letters*, **2020**, 20, 7648-7654	11.5	17
31	Upconversion in Er3+-doped Gd2O3 nanocrystals prepared by propellant synthesis and flame spray pyrolysis. *Materials Research Bulletin*, **2010**, 45, 927-932	5.1	16
30	Wet chemical synthesis and luminescence properties of erbium-doped nanocrystalline yttrium oxide. *Journal of Materials Research*, **2004**, 19, 3398-3407	2.5	16
29	Upconversion luminescence of a calcium sodium aluminosilicate glass doped with erbium. *Materials Letters*, **2004**, 58, 2207-2212	3.3	16
28	Erbium Single-Band Nanothermometry in the Third Biological Imaging Window: Potential and Limitations. *Advanced Optical Materials*, **2020**, 8, 2001178	8.1	16
27	Terahertz Thermometry: Combining Hyperspectral Imaging and Temperature Mapping at Terahertz Frequencies. *Laser and Photonics Reviews*, **2017**, 11, 1600342	8.3	15

26	Engineering efficient upconverting nanothermometers using Eu3+ ions. *Nanoscale Advances*, **2019**, 1, 757-764	5.1	14
25	Near-infrared triggered generation of reactive oxygen species from upconverting nanoparticles decorated with an organoiridium complex. *Journal of Materials Chemistry B*, **2016**, 4, 3113-3120	7.3	14
24	Lanthanide-based nanostructures for optical bioimaging: Small particles with large promise. *MRS Bulletin*, **2014**, 39, 960-964	3.2	14
23	Quantifying the photothermal conversion efficiency of plasmonic nanoparticles by means of terahertz radiation. *APL Photonics*, **2019**, 4, 126106	5.2	14
22	Mercaptosilane-Passivated CuInS2 Quantum Dots for Luminescence Thermometry and Luminescent Labels. *ACS Applied Nano Materials*, **2019**, 2, 2426-2436	5.6	13
21	Chapter 5:Luminescent Nanothermometry with Lanthanide-doped Nanoparticles. *RSC Nanoscience and Nanotechnology*, **2015**, 124-166		12
20	Towards understanding the unusual photoluminescence intensity variation of ultrasmall colloidal PbS quantum dots with the formation of a thin CdS shell. *Physical Chemistry Chemical Physics*, **2016**, 18, 31828-31835	3.6	11
19	Self-assembled photoadditives in polyester films allow stop and go chemical release. *Acta Biomaterialia*, **2017**, 54, 186-200	10.8	10
18	Structural Investigation and Anti-Stokes Emission of Scandium Oxide Nanocrystals Activated with Trivalent Erbium. *Journal of the Electrochemical Society*, **2005**, 152, H19	3.9	10
17	Electrospun Upconverting Nanofibrous Hybrids with Smart NIR-Light-Controlled Drug Release for Wound Dressing.. *ACS Applied Bio Materials*, **2020**, 3, 7219-7227	4.1	10
16	Spectral characterization of LiYbF upconverting nanoparticles. *Nanoscale*, **2020**, 12, 17545-17554	7.7	9
15	Effect of light scattering on upconversion photoluminescence quantum yield in microscale-to-nanoscale materials. *Optics Express*, **2020**, 28, 22803-22818	3.3	7
14	A low-loss origami plasmonic waveguide. *Science*, **2017**, 357, 452-453	33.3	5
13	Response to "Critical growth temperature of aqueous CdTe quantum dots is non-negligible for their application as nanothermometers". *Small*, **2013**, 9, 3198-200	11	5
12	Terahertz three-dimensional monitoring of nanoparticle-assisted laser tissue soldering. *Biomedical Optics Express*, **2020**, 11, 2254-2267	3.5	5
11	One-pot synthesis of theranostic nanocapsules with lanthanide doped nanoparticles. *Chemical Science*, **2020**, 11, 6653-6661	9.4	4
10	Fast wide-field upconversion luminescence lifetime thermometry enabled by single-shot compressed ultrahigh-speed imaging. *Nature Communications*, **2021**, 12, 6401	17.4	4
9	Uptake of Upconverting Nanoparticles by Breast Cancer Cells: Surface Coating versus the Protein Corona. *ACS Applied Materials & Interfaces*, **2021**, 13, 39076-39087	9.5	4

List of Publications

8	Heat Conversion: Highly Efficient Copper Sulfide-Based Near-Infrared Photothermal Agents: Exploring the Limits of Macroscopic Heat Conversion (Small 49/2018). *Small*, **2018**, 14, 1870238	11	3
7	Surface vs. core N/S/Se-heteroatom doping of carbon nanodots produces divergent yet consistent optical responses to reactive oxygen species. *Nanoscale Advances*, **2020**, 2, 4024-4033	5.1	2
6	Autofluorescence-Free Imaging Using Polymer-Stabilized Nd-Doped YAG Nanocrystals. *ACS Applied Materials & Interfaces*, **2020**, 12, 51273-51284	9.5	2
5	Characterization of fluoride nanocrystals for optical refrigeration **2015**,		1
4	Towards near-infrared photosensitization of tungsten trioxide nanostructured films by upconverting nanoparticles. *RSC Advances*, **2015**, 5, 81875-81880	3.7	1
3	Influence of halide ions on the structure and properties of copper indium sulphide quantum dots. *Chemical Communications*, **2020**, 56, 3341-3344	5.8	1
2	Cover Feature: Core or Shell? Er3+ FRET Donors in Upconversion Nanoparticles (Eur. J. Inorg. Chem. 44/2017). *European Journal of Inorganic Chemistry*, **2017**, 2017, 5054-5054	2.3	
1	11 Nanothermometry Using Upconverting Nanoparticles. *Nanomaterials and Their Applications*, **2016**, 319-358		