

# Markus Haase

## List of Publications by Year in descending order

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105  
papers

15,351  
citations

57719

44  
h-index

24961

109  
g-index

117  
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117  
docs citations

117  
times ranked

14035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upconverting Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5808-5829.	7.2	2,230
2	Highly Luminescent Monodisperse CdSe and CdSe/ZnS Nanocrystals Synthesized in a Hexadecylamine~Triethylphosphine Oxide~Triethylphosphine Mixture. <i>Nano Letters</i> , 2001, 1, 207-211.	4.5	1,423
3	Photochemistry of colloidal semiconductors. 20. Surface modification and stability of strong luminescing CdS particles. <i>Journal of the American Chemical Society</i> , 1987, 109, 5649-5655.	6.6	1,233
4	Highly Efficient Multicolour Upconversion Emission in Transparent Colloids of Lanthanide-Doped NaYF <sub>4</sub> Nanocrystals. <i>Advanced Materials</i> , 2004, 16, 2102-2105.	11.1	1,233
5	Colloidal Synthesis and Self-Assembly of CoPt <sub>3</sub> Nanocrystals. <i>Journal of the American Chemical Society</i> , 2002, 124, 11480-11485.	6.6	533
6	Study of Nucleation and Growth in the Organometallic Synthesis of Magnetic Alloy Nanocrystals:~ The Role of Nucleation Rate in Size Control of CoPt <sub>3</sub> Nanocrystals. <i>Journal of the American Chemical Society</i> , 2003, 125, 9090-9101.	6.6	484
7	Dynamic Distribution of Growth Rates within the Ensembles of Colloidal II~VI and III~V Semiconductor Nanocrystals as a Factor Governing Their Photoluminescence Efficiency. <i>Journal of the American Chemical Society</i> , 2002, 124, 5782-5790.	6.6	471
8	Evolution of an Ensemble of Nanoparticles in a Colloidal Solution:~ Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2001, 105, 12278-12285.	1.2	463
9	Blue, Green, and Red Upconversion Emission from Lanthanide-Doped LuPO <sub>4</sub> and YbPO <sub>4</sub> Nanocrystals in a Transparent Colloidal Solution. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3179-3182.	7.2	441
10	Wet-Chemical Synthesis of Doped Colloidal Nanomaterials: Particles and Fibers of LaPO <sub>4</sub> :Eu, LaPO <sub>4</sub> :Ce, and LaPO <sub>4</sub> :Ce,Tb. <i>Advanced Materials</i> , 1999, 11, 840-844.	11.1	428
11	Photochemistry and radiation chemistry of colloidal semiconductors. 23. Electron storage on zinc oxide particles and size quantization. <i>The Journal of Physical Chemistry</i> , 1988, 92, 482-487.	2.9	416
12	Green-Emitting CePO <sub>4</sub> :Tb/LaPO <sub>4</sub> Core~Shell Nanoparticles with 70~ Photoluminescence Quantum Yield. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5513-5516.	7.2	398
13	One-Pot Synthesis of Highly Luminescent CdSe/CdS Core~Shell Nanocrystals via Organometallic and ~Greener~Chemical Approaches~. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7454-7462.	1.2	357
14	Liquid-Phase Synthesis of Colloids and Redispersible Powders of Strongly Luminescing LaPO <sub>4</sub> :Ce,Tb Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 573-576.	7.2	349
15	A Novel Organometallic Synthesis of Highly Luminescent CdTe Nanocrystals. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2260-2263.	1.2	339
16	NaYF <sub>4</sub> :Yb,Er/NaYF <sub>4</sub> Core/Shell Nanocrystals with High Upconversion Luminescence Quantum Yield. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8765-8769.	7.2	298
17	Synthesis of Bifunctional Au/Pt/Au Core/Shell Nanoraspberries for in Situ SERS Monitoring of Platinum-Catalyzed Reactions. <i>Journal of the American Chemical Society</i> , 2011, 133, 19302-19305.	6.6	286
18	Synthesis of Eu <sup>3+</sup> -Doped Core and Core/Shell Nanoparticles and Direct Spectroscopic Identification of Dopant Sites at the Surface and in the Interior of the Particles. <i>Journal of the American Chemical Society</i> , 2004, 126, 14935-14942.	6.6	230

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19	Synthesis and surface modification of amino-stabilized CdSe, CdTe and InP nanocrystals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 202, 145-154.	2.3	224
20	Lanthanide-Doped NaYF <sub>4</sub> Nanocrystals in Aqueous Solution Displaying Strong Up-Conversion Emission. <i>Chemistry of Materials</i> , 2007, 19, 1396-1400.	3.2	214
21	Etching of Colloidal InP Nanocrystals with Fluorides: Photochemical Nature of the Process Resulting in High Photoluminescence Efficiency. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12659-12663.	1.2	209
22	Synthesis and Optical Properties of KYF <sub>4</sub> /Yb, Er Nanocrystals, and their Surface Modification with Undoped KYF <sub>4</sub> . <i>Advanced Functional Materials</i> , 2008, 18, 2913-2918.	7.8	209
23	Strongly Luminescent InP/ZnS Core-Shell Nanoparticles. <i>ChemPhysChem</i> , 2001, 2, 331-334.	1.0	165
24	Synthesis of Hexagonal Yb <sup>3+</sup> , Er <sup>3+</sup> -Doped NaYF <sub>4</sub> Nanocrystals at Low Temperature. <i>Advanced Functional Materials</i> , 2009, 19, 3091-3097.	7.8	144
25	Synthesis of 10-15 nm NaYF <sub>4</sub> :Yb,Er/NaYF <sub>4</sub> Core/Shell Upconversion Nanocrystals with 5 nm Particle Cores. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1164-1167.	7.2	139
26	Wet-Chemical Synthesis of Doped Nanoparticles: Optical Properties of Oxygen-Deficient and Antimony-Doped Colloidal SnO <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 2000, 104, 8430-8437.	1.2	133
27	Wet-chemical synthesis of doped nanoparticles: Blue-colored colloids of n-doped SnO <sub>2</sub> :Sb. <i>Journal of Chemical Physics</i> , 1999, 110, 12142-12150.	1.2	131
28	Photochemistry of colloidal semiconductors. 26. Photoelectron emission from cadmium sulfide particles and related chemical effects. <i>The Journal of Physical Chemistry</i> , 1988, 92, 4706-4712.	2.9	114
29	Visible light emission upon near-infrared excitation in a transparent solution of nanocrystalline NaGdF <sub>4</sub> : Yb <sup>3+</sup> , Er <sup>3+</sup> . <i>Chemical Physics Letters</i> , 2005, 407, 124-128.	1.2	111
30	Engineered Upconversion Nanoparticles for Resolving Protein Interactions inside Living Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11668-11672.	7.2	100
31	Investigation of ZnS Passivated InP Nanocrystals by XPS. <i>Nano Letters</i> , 2002, 2, 151-154.	4.5	79
32	Low-temperature synthesis of pure and Mn-doped willemite phosphor (Zn <sub>2</sub> SiO <sub>4</sub> :Mn) in aqueous medium. <i>Materials Research Bulletin</i> , 2000, 35, 1869-1879.	2.7	78
33	Ostwald-ripening and particle size focussing of sub-10 nm NaYF <sub>4</sub> upconversion nanocrystals. <i>Nanoscale</i> , 2014, 6, 14523-14530.	2.8	78
34	3D Self-Assembled Plasmonic Superstructures of Gold Nanospheres: Synthesis and Characterization at the Single-Particle Level. <i>Small</i> , 2011, 7, 3445-3451.	5.2	77
35	In-Vivo Imaging of the Uptake of Upconversion Nanoparticles by Plant Roots. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 278-284.	0.5	72
36	Reversible Adhesion Switching of Porous Fibrillar Adhesive Pads by Humidity. <i>Nano Letters</i> , 2013, 13, 5541-5548.	4.5	67

#	ARTICLE	IF	CITATIONS
37	NIR to visible upconversion in Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped CaYAl <sub>3</sub> O <sub>7</sub> phosphor obtained by solution combustion process. <i>Journal of Luminescence</i> , 2011, 131, 2679-2682.	1.5	53
38	Synthesis, characterisation, luminescence and defect centres in solution combustion synthesised CaZrO <sub>3</sub> :Tb <sup>3+</sup> phosphor. <i>Journal of Luminescence</i> , 2012, 132, 2036-2042.	1.5	53
39	Intrinsic Focusing of the Particle Size Distribution in Colloids Containing Nanocrystals of Two Different Crystal Phases. <i>ACS Nano</i> , 2013, 7, 11242-11254.	7.3	53
40	An Electron Paramagnetic Resonance Spectroscopic Investigation on the Growth Mechanism of NaYF <sub>4</sub> :Gd Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6506-6510.	7.2	47
41	Effect of the crystal structure of small precursor particles on the growth of $\text{NaREF}_4$ (RE = Tb, Er, Yb) Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 4033-4039.	2.8	48
42	Size Control of Nearly Monodisperse $\text{NaGdF}_4$ Particles Prepared from Small $\text{NaGdF}_4$ Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 4033-4039.	3.2	46
43	Intense green and red upconversion emission of Er <sup>3+</sup> , Yb <sup>3+</sup> co-doped CaZrO <sub>3</sub> obtained by a solution combustion reaction. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	45
44	Spectroscopic Distinction of Surface and Volume Ions in Cerium(III)- and Terbium(III)-Containing Core and Core/Shell Nanoparticles. <i>Chemistry of Materials</i> , 2006, 18, 4442-4446.	3.2	41
45	Study on the Intermixing of Core and Shell in NaEuF <sub>4</sub> /NaGdF <sub>4</sub> Core/Shell Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 8375-8386.	3.2	41
46	New NIR emitting phosphor for blue LEDs with stable light output up to 180 °C. <i>Journal of Luminescence</i> , 2016, 172, 185-190.	1.5	36
47	Photoluminescence study of nanocrystalline Y <sub>2</sub> O <sub>3</sub> :Ho <sup>3+</sup> phosphor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 109, 206-212.	2.0	34
48	Crystal Phase Control of NaGdF <sub>4</sub> :Eu <sup>3+</sup> Nanocrystals: Influence of the Fluoride Concentration and Molar Ratio between NaF and GdF <sub>3</sub> . <i>Crystal Growth and Design</i> , 2010, 10, 2434-2438.	1.4	33
49	Blaue, grüne und rote Upconversion-Emission von Lanthanoid-dotierten LuPO <sub>4</sub> - und YbPO <sub>4</sub> -Nanokristallen in transparenter kolloidaler Lösung. <i>Angewandte Chemie</i> , 2003, 115, 3288-3291.	1.6	31
50	In vivo analysis of the size- and time-dependent uptake of NaYF <sub>4</sub> :Yb,Er upconversion nanocrystals by pumpkin seedlings. <i>Journal of Materials Chemistry B</i> , 2015, 3, 144-150.	2.9	30
51	Photonic Properties of Inverse Opals Fabricated from Lanthanide-Doped LaPO <sub>4</sub> Nanocrystals. <i>Chemistry of Materials</i> , 2009, 21, 3883-3888.	3.2	29
52	LiYF <sub>4</sub> :Yb/LiYF <sub>4</sub> and LiYF <sub>4</sub> :Yb,Er/LiYF <sub>4</sub> core/shell nanocrystals with luminescence decay times similar to YLF laser crystals and the upconversion quantum yield of the Yb,Er doped nanocrystals. <i>Nano Research</i> , 2021, 14, 797-806.	5.8	26
53	Synthesis and Characterization of Upconversion Fluorescent Yb <sup>3+</sup> , Er <sup>3+</sup> Doped RbY <sub>2</sub> F <sub>7</sub> Nano- and Microcrystals. <i>Crystal Growth and Design</i> , 2010, 10, 2202-2208.	1.4	25
54	NIR to visible frequency upconversion in Er <sup>3+</sup> and Yb <sup>3+</sup> codoped ZrO <sub>2</sub> phosphor. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 747-753.	1.1	24

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55	NIR to visible frequency upconversion in Er <sup>3+</sup> and Yb <sup>3+</sup> co-doped BaZrO <sub>3</sub> phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 108, 141-145.	2.0	22
56	Intense up-conversion luminescence in Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped CeO <sub>2</sub> powders. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 704-710.	2.0	22
57	How Gold Nanoparticles Influence Crystallization of Polyethylene in Rigid Cylindrical Nanopores. Macromolecules, 2013, 46, 403-412.	2.2	21
58	Notes on thermometric artefacts by Er <sup>3+</sup> luminescence band interference. Journal of Luminescence, 2021, 232, 117860.	1.5	19
59	Influence of Different Ligand Isomers on the Growth of Lanthanide Phosphate Nanoparticles. Crystal Growth and Design, 2011, 11, 1033-1039.	1.4	18
60	Investigation of the Early Stages of Growth of Monazite-Type Lanthanide Phosphate Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 4763-4767.	1.5	17
61	Synthese aufwÄrtskonvertierender 10Ä...nm groÄÿer $\text{Er}^{3+}/\text{Yb}^{3+}/\text{NaYF}_4$ -Kern/Schale-Nanokristalle mit 5Ä...nm groÄÿen Partikelkern. Angewandte Chemie, 2016, 128, 1177-1181.		17
62	Characterization of Micro- and Nanoscale LuPO <sub>4</sub> :Pr <sup>3+</sup> ,Nd <sup>3+</sup> with Strong UV-Emission to Reduce X-Ray Doses in Radiation Therapy. Particle and Particle Systems Characterization, 2019, 36, 1900280.	1.2	16
63	The Role of Amines in the Growth of Terbium(III)-Doped Cerium Phosphate Nanoparticles. Small, 2008, 4, 2136-2139.	5.2	15
64	Deep Ultraviolet Emitting Scintillators for Biomedical Applications: The Hard Way of Downsizing LuPO <sub>4</sub> :Pr <sup>3+</sup> . Particle and Particle Systems Characterization, 2018, 35, 1800282.	1.2	15
65	Photochemistry of Colloidal Semiconductors 28. Photo-Electron Emission from Cadmium Phosphide Particles in Aqueous Solution. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1988, 92, 1103-1107.	0.9	14
66	Dye sensitized membranes within mesoporous TiO <sub>2</sub> : Photocurrents in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 216, 35-43.	2.0	14
67	Size-dependent magnetic ordering and spin dynamics in DyPO <sub>4</sub> and GdPO <sub>4</sub> nanoparticles. Physical Review B, 2011, 84, 104411.	1.1	14
68	On the efficient luminescence of $\text{Er}^{3+}$ -Na(La <sup>1+</sup> Pr)F <sub>4</sub> . Journal of Luminescence, 2014, 146, 302-306.	1.5	14
69	MaÄÿgeschneiderte AufwÄrtskonvertierungsnanopartikel zur Detektion von Proteinwechselwirkungen in lebenden Zellen. Angewandte Chemie, 2016, 128, 11840-11845.	1.6	14
70	Yb- and Er concentration dependence of the upconversion luminescence of highly doped NaYF <sub>4</sub> :Yb,Er/NaYF <sub>4</sub> :Lu core/shell nanocrystals prepared by a water-free synthesis. Nano Research, 2022, 15, 9639-9646.	5.8	14
71	Surface Modification of Luminescent Lanthanide Phosphate Nanorods with Cationic Quat-primer Polymers. Langmuir, 2011, 27, 10174-10183.	1.6	12
72	Facile Synthesis of the High-Pressure Polymorph of Nanocrystalline LiFePO <sub>4</sub> at Ambient Pressure and Low Temperature. Chemistry of Materials, 2012, 24, 633-635.	3.2	12

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73	Characterization of multifunctional $\text{NaEuF}_4/\text{NaGdF}_4$ core-shell nanoparticles with narrow size distribution. <i>Nanoscale</i> , 2016, 8, 2832-2843.	2.8	12
74	Vacuum-UV excitation and visible luminescence of nano-scale and micro-scale $\text{NaLnF}_4:\text{Pr}^{3+}$ (Ln=Y, Lu). <i>Optical Materials</i> , 2013, 35, 2062-2067.	1.7	10
75	Colloidal $\text{LaPO}_4:\text{Gd}^{3+}$ nanocrystals: X-ray induced single line UV emission. <i>Nanoscale</i> , 2018, 10, 22533-22540.	2.8	10
76	AufwÄrtskonvertierende $\text{NaYF}_4:\text{Yb,Er}/\text{NaYF}_4$ Kern/Schale Nanokristalle mit hoher Lumineszenzquantenausbeute. <i>Angewandte Chemie</i> , 2018, 130, 8901-8905.	1.6	10
77	Labeling of Anti-MUC-1 Binding Single Chain Fv Fragments to Surface Modified Upconversion Nanoparticles for an Initial in Vivo Molecular Imaging Proof of Principle Approach. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4153-4167.	1.8	9
78	Synthesis of $\text{NaYF}_4:\text{Yb,Er}$ Upconversion Nanocrystals and Nanorods by Hot-Injection of Small Particles of the $\text{NaYF}_4$ -Phase. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015, 229, 247-262.	1.4	9
79	Adiabatic burst evaporation from bicontinuous nanoporous membranes. <i>Nanoscale</i> , 2015, 7, 9185-9193.	2.8	9
80	Magnetic and Electronic Properties of Highly Mn-Doped $\text{NaGdF}_4$ and $\text{NaEuF}_4$ Nanoparticles with a Narrow Size Distribution. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18194-18202.	1.5	9
81	Nonlinear optical potassium niobate nanocrystals as harmonic markers: the role of precursors and stoichiometry in hydrothermal synthesis. <i>Nanoscale</i> , 2018, 10, 10713-10720.	2.8	8
82	The role of cations in hydrothermal synthesis of nonlinear optical sodium niobate nanocrystals. <i>Nanoscale</i> , 2020, 12, 19223-19229.	2.8	8
83	High contrast hybrid electrochromic film based on cross-linked phosphonated triarylamine on mesoporous antimony doped tin oxide. <i>Solar Energy Materials and Solar Cells</i> , 2019, 203, 110186.	3.0	7
84	Colloidal Crystals of $\text{NaYF}_4$ Upconversion Nanocrystals Studied by Small-Angle X-Ray Scattering (SAXS). <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800391.	1.2	7
85	Phosphor degradation under electron excitation with varying anode voltage. <i>Journal of the Society for Information Display</i> , 1996, 4, 219.	0.8	6
86	Size-Controlled Growth of $\text{NaGdF}_4$ and $\text{NaGdF}_4:\text{Yb,Er}$ Nanocrystals: The Influence of the Surface Area of NaF on the Nucleation of the $\text{NaGdF}_4$ -Phase. <i>Chemistry of Materials</i> , 2020, 32, 5691-5699.	3.2	6
87	Characterization of Upconversion Fluorescent $\text{NaYF}_4:\text{Yb,Er}$ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 247-262.	1.5	5
88	Correlations between microstructure and crystallization of the fluorinated terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 1402-1408.	2.4	5
89	Two-dimensional spatial image control using an electrochromic graduated filter with multiple electrode configuration. <i>Solar Energy Materials and Solar Cells</i> , 2020, 215, 110549.	3.0	5
90	Phenolic Resin Dual-Use Stamps for Capillary Stamping and Decal Transfer Printing. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49567-49579.	4.0	4

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91	On the synthesis, phase optimisation and luminescence of some rare earth pyrosilicates. Journal of Luminescence, 2017, 190, 451-456.	1.5	3
92	UV C luminescence of a modified zirconium silicate framework upon cathode ray and VUV excitation. Journal of Luminescence, 2018, 198, 410-417.	1.5	3
93	Volume and surface effects on two-photon and three-photon processes in dry co-doped upconversion nanocrystals. Nano Research, 2022, 15, 2362-2373.	5.8	3
94	Thin Patterned Lithium Niobate Films by Parallel Additive Capillary Stamping of Aqueous Precursor Solutions. Advanced Engineering Materials, 2022, 24, 2101159.	1.6	3
95	Intercalation-free, fast switching of mesoporous antimony doped tin oxide with cathodically coloring electrochromic dyes. Nanoscale Advances, 2022, 4, 2144-2152.	2.2	3
96	Etching of Colloidal InP Nanocrystals with Fluorides: Photochemical Nature of the Process Resulting in High Photoluminescence Efficiency.. ChemInform, 2003, 34, no.	0.1	2
97	Study of Nucleation and Growth in the Organometallic Synthesis of Magnetic Alloy Nanocrystals: The Role of Nucleation Rate in Size Control of CoPt <sub>3</sub> Nanocrystals.. ChemInform, 2003, 34, no.	0.1	2
98	Diffraction-Unlimited Photomanipulation at the Plasma Membrane via Specifically Targeted Upconversion Nanoparticles. Nano Letters, 2021, 21, 8025-8034.	4.5	2
99	Photoelectrochemical Device Enabling Luminescence Switching of LaPO <sub>4</sub> :Ce,Tb Nanoparticle Layers. Advanced Optical Materials, 2021, 9, 2001891.	3.6	2
100	Blue, Green, and Red Upconversion Emission from Lanthanide-Doped LuPO <sub>4</sub> and YbPO <sub>4</sub> Nanocrystals in a Transparent Colloidal Solution.. ChemInform, 2003, 34, no.	0.1	1
101	Structural Evolution in the RE(OAc) <sub>3</sub> · 2AcOH Structure Type. A Non-Linear, One-Dimensional Coordination Polymer with Unequal Interatomic Rare Earth Distances. Crystals, 2021, 11, 768.	1.0	1
102	On the energy transfer from Pr <sup>3+</sup> to Gd <sup>3+</sup> in nanosized LuPO <sub>4</sub> particles. Journal of Luminescence, 2021, 240, 118418.	1.5	1
103	nanocrystals (0 <math>x</math> <math>1</math>): growth, size control and shell formation on <math&gt;\text{nacef}_4&lt; 2020,="" 22,="" 8036-8044.<="" core="" crystengcomm,="" math&gt;:tb="" particles.="" td=""> <td>1.3</td> <td>1</td> </math&gt;\text{nacef}_4&lt;>	1.3	1
104	Green-Emitting CePO <sub>4</sub> :Tb/LaPO <sub>4</sub> Core-Shell Nanoparticles with 70% Photoluminescence Quantum Yield.. ChemInform, 2004, 35, no.	0.1	0
105	Electrochromic graduated filters with symmetric electrode configuration. Optics Express, 2020, 28, 17047.	1.7	0