

# Stephane Parola

## List of Publications by Year in descending order

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118  
papers

3,137  
citations

147726

31  
h-index

189801

50  
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126  
all docs

126  
docs citations

126  
times ranked

4146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Properties of Hybrid Organic-Inorganic Materials and their Applications. <i>Advanced Functional Materials</i> , 2016, 26, 6506-6544.	7.8	207
2	From gold nanobipyramids to nanojavelins for a precise tuning of the plasmon resonance to the infrared wavelengths: experimental and theoretical aspects. <i>Nanoscale</i> , 2015, 7, 1934-1943.	2.8	121
3	Hierarchically structured lithium titanate for ultrafast charging in long-life high capacity batteries. <i>Nature Communications</i> , 2017, 8, 15636.	5.8	117
4	Dehydroepiandrosterone prevents oxidative injury induced by transient ischemia/reperfusion in the brain of diabetic rats. <i>Diabetes</i> , 2000, 49, 1924-1931.	0.3	116
5	Dehydroepiandrosterone protects tissues of streptozotocin-treated rats against oxidative stress. <i>Free Radical Biology and Medicine</i> , 1999, 26, 1467-1474.	1.3	106
6	Tetranuclear Manganese(II) Complexes of Thiacalixarene Macrocycles with Trigonal Prismatic Six-Coordinate Geometries: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 9112-9120.	1.9	95
7	Oxidative derangement in rat synaptosomes induced by hyperglycaemia: restorative effect of dehydroepiandrosterone treatment. <i>Biochemical Pharmacology</i> , 2000, 60, 389-395.	2.0	82
8	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1216-1225.	1.6	74
9	Tetra- and Decanuclear Iron(II) Complexes of Thiacalixarene Macrocycles: Synthesis, Structure, Mössbauer Spectroscopy and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 357-365.	1.0	68
10	Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake. <i>Nanotechnology</i> , 2012, 23, 465602.	1.3	58
11	Nanocarriers with ultrahigh chromophore loading for fluorescence bio-imaging and photodynamic therapy. <i>Biomaterials</i> , 2013, 34, 8344-8351.	5.7	58
12	Design and synthesis of multifunctional thiacalixarenes and related metal derivatives for the preparation of sol-gel hybrid materials with non-linear optical properties. <i>Dalton Transactions</i> , 2003, , 2085-2092.	1.6	57
13	Preparation of Functional Hybrid Glass Material from Platinum (II) Complexes for Broadband Nonlinear Absorption of Light. <i>Advanced Functional Materials</i> , 2009, 19, 235-241.	7.8	56
14	Chemical Growth and Photochromism of Silver Nanoparticles into a Mesoporous Titania Template. <i>Langmuir</i> , 2010, 26, 1199-1206.	1.6	56
15	WO <sub>3</sub> Nanorods Created by Self-Assembly of Highly Crystalline Nanowires under Hydrothermal Conditions. <i>Langmuir</i> , 2014, 30, 10487-10492.	1.6	56
16	Interaction of some divalent metal acetylacetonates with Al, Ti, Nb and Ta isopropoxides. Factors influencing the formation and stability of heterometallic alkoxide complexes supplementary information (ESI) available: synthesis details for 5; microanalysis data for 1; tables of selected bond lengths and angles for 1 and 7; variable temperature 1H NMR spectra for 7 and 8; UV-Vis spectrum of 6 in toluene after various times. See <a href="http://www.rsc.org/suppdata/dt/b2/b206662a/">http://www.rsc.org/suppdata/dt/b2/b206662a/</a> .	1.6	54
17	Dalton Transactions, 2003, , 544-550. Synthesis, electron tomography and single-particle optical response of twisted gold nano-bipyramids. <i>Nanotechnology</i> , 2012, 23, 145707.	1.3	54
18	Transparent Plasmonic Nanocontainers Protect Organic Fluorophores against Photobleaching. <i>Nano Letters</i> , 2011, 11, 2043-2047.	4.5	53

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19	The quest for mixed-metal oxide precursors based on bismuth: synthesis and molecular structure of $\text{BiTi}_2(\frac{1}{4}\text{-O})_2(\frac{1}{4}\text{-OPri})_4(\text{OPri})_5$ and $[\text{Bi}_2(\frac{1}{4}\text{-OPri})_2(\text{OPri})_2(\text{acac})_2]_n$ (acac = acetylacetonate). <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4631-4636.		51
20	Growth of ordered silver nanoparticles in silica film mesostructured with a triblock copolymer PEO- <i>b</i> -PPO- <i>b</i> -PEO. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1700-1707.	1.4	45
21	Nitration of thiacalix[4]arene using nitrosium nitrate complexes: synthesis and characterization of tetranitro-, tetraamino-, and tetra(4-pyridylimino)tetrahydroxythiacalix[4]arene. <i>New Journal of Chemistry</i> , 2002, 26, 651-655.	1.4	43
22	Gold NanoBipyramids Performing as Highly Sensitive Dual-Modal Optical Immunosensors. <i>Analytical Chemistry</i> , 2018, 90, 8567-8575.	3.2	43
23	Oxygen free radical scavenger properties of dehydroepiandrosterone. , 1998, 16, 57-63.		42
24	Silica Hybrid Sol-gel Materials with Unusually High Concentration of Pt-Organic Molecular Guests: Studies of Luminescence and Nonlinear Absorption of Light. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 2369-2377.	4.0	42
25	Mechanically stable and photocatalytically active $\text{TiO}_2/\text{SiO}_2$ hybrid films on flexible organic substrates. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20096-20104.	5.2	39
26	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013, 4, 61-67.	1.9	38
27	Antimicrobial activity of printed composite $\text{TiO}_2/\text{SiO}_2$ and $\text{TiO}_2/\text{SiO}_2/\text{Au}$ thin films under UVA-LED and natural solar radiation. <i>Applied Catalysis B: Environmental</i> , 2018, 239, 609-618.	10.8	38
28	Efficient hybrid materials for optical power limiting at telecommunication wavelengths. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5105.	2.7	37
29	Electroless Growth of Silver Nanoparticles into Mesostructured Silica Block Copolymer Films. <i>Langmuir</i> , 2010, 26, 8729-8736.	1.6	34
30	Dispersion and self-orientation of gold nanoparticles in sol-gel hybrid silica optical transmission properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1026-1034.	2.7	34
31	Tin dioxide thin films from Sn(IV) modified alkoxides-synthesis and structural characterization of $\text{Sn}(\text{OEt})_2(\frac{1}{2}\text{-acac})_2$ and $\text{Sn}_4(\frac{1}{4}\text{-O})_2(\frac{1}{4}\text{-OEt})_4(\text{OEt})_6(\frac{1}{2}\text{-acac})_2$ . <i>Polyhedron</i> , 2000, 19, 2069-2075.	1.0	33
32	Photocatalytic activity of $\text{TiO}_2$ films immobilized on aluminum foam by atomic layer deposition technique. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 16-23.	2.0	33
33	Influence of Sr/Hf ratio and annealing treatment on structural and scintillating properties of sol-gel $\text{Ce}^{3+}$ -doped strontium hafnate powders. <i>Optical Materials</i> , 2005, 27, 1541-1546.	1.7	31
34	Structural characterizations and waveguiding properties of YAG thin films obtained by different sol-gel processes. <i>Optical Materials</i> , 2005, 27, 1471-1479.	1.7	31
35	Purposeful construction versus self-assembly in approaches to single source precursors of spinel materials. Synthesis, structure and stability studies of $\text{MiiAl}_2(\text{acac})_3(\text{OiPr})_4(\text{OAc})$ , $\text{Mii} = \text{Mn, Co, Zn}$ ? a new class of heterometallic heteroleptic alkoxide complexes. <i>Journal of Materials Chemistry</i> , 2004, 14, 3150.	6.7	30
36	Recent Advances in the Functionalizations of the Upper Rims of Thiacalix[4]arenes. A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 966-983.	1.0	30

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37	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3014-3017.	6.7	29
38	Plasmonic bipyramids for fluorescence enhancement and protection against photobleaching. Nanoscale, 2014, 6, 5138.	2.8	29
39	Powders and dense thin films of late transition metal oxide nanocomposites from structurally characterized single-source precursors Electronic supplementary information (ESI) available: further figures and crystallographic details. See <a href="http://www.rsc.org/suppdata/jm/b3/b306282a/">http://www.rsc.org/suppdata/jm/b3/b306282a/</a> . Journal of Materials Chemistry, 2004, 14, 344.	6.7	28
40	Tuning Dye-to-Particle Interactions toward Luminescent Gold Nanostars. Langmuir, 2013, 29, 10915-10921.	1.6	28
41	Oxidative stress and eicosanoids in the kidneys of hyperglycemic rats treated with dehydroepiandrosterone. Free Radical Biology and Medicine, 2001, 31, 935-942.	1.3	27
42	Long Distance Enhancement of Nonlinear Optical Properties Using Low Concentration of Plasmonic Nanostructures in Dye Doped Monolithic Sol-Gel Materials. Advanced Functional Materials, 2016, 26, 6005-6014.	7.8	26
43	Beyond the Concentration Limitation in the Synthesis of Nanobipyramids and Other Pentatwinned Gold Nanostructures. ACS Applied Materials & Interfaces, 2019, 11, 39068-39076.	4.0	26
44	Synthesis and molecular structure of Bi <sub>4</sub> Ba <sub>4</sub> ( $\frac{1}{4}$ -O) <sub>2</sub> ( $\frac{1}{4}$ -OEt) <sub>8</sub> ( $\frac{1}{4}$ -OEt) <sub>4</sub> ( $\frac{1}{2}$ -thd) <sub>4</sub> (Hthd = 2,2,6,6-tetramethylheptane-3,5-dione). An example of the formulation of a mixed-metal alkoxide assisted by dioxygen. Journal of the Chemical Society Dalton Transactions, 1998, , 737-740.	1.1	25
45	Insight on Chirality Encoding from Small Thiolated Molecule to Plasmonic Au@Ag and Au@Au Nanoparticles. ACS Nano, 2022, 16, 1089-1101.	7.3	25
46	A New Elaboration Route by Sol-Gel Process for Cerium Doped SrHfO <sub>3</sub> Films and Powders. Journal of Sol-Gel Science and Technology, 2004, 31, 277-281.	1.1	24
47	The first approach to a new family of macrocycles: synthesis and characterization of thiacalix[2]thianthrenes. Tetrahedron Letters, 2007, 48, 5401-5405.	0.7	24
48	Silver nanoparticles growth in a mesoporous silica film templated with the F127 triblock copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 325, 86-92.	2.3	24
49	Two-Photon Fluorescence and Magnetic Resonance Specific Imaging of A $\beta$ <sup>2</sup> Amyloid Using Hybrid Nano-GdF <sub>3</sub> Contrast Media. ACS Applied Bio Materials, 2018, 1, 462-472.	2.3	24
50	Sol-gel preparation and thermo-mechanical properties of porous xAl <sub>2</sub> O <sub>3</sub> -ySiO <sub>2</sub> coatings on SiC Hi-Nicalon fibres. Journal of the European Ceramic Society, 2003, 23, 1207-1213.	2.8	23
51	Growth Mechanisms and Kinetics of Photoinduced Silver Nanoparticles in Mesostructured Hybrid Silica Films under UV and Visible Illumination. Journal of Physical Chemistry C, 2010, 114, 8679-8687.	1.5	23
52	Rare Earth Fluoride Nanoparticles Obtained Using Charge Transfer Complexes: A Versatile and Efficient Route toward Colloidal Suspensions and Monolithic Transparent Xerogels. Langmuir, 2011, 27, 5555-5561.	1.6	23
53	TiO <sub>2</sub> /SiO <sub>2</sub> porous composite thin films: Role of TiO <sub>2</sub> areal loading and modification with gold nanospheres on the photocatalytic activity. Applied Surface Science, 2016, 383, 367-374.	3.1	23
54	Hybrid Nano-GdF <sub>3</sub> contrast media allows pre-clinical in vivo element-specific K-edge imaging and quantification. Scientific Reports, 2019, 9, 12090.	1.6	23

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55	Highly luminescent YAG:Ce ultra-small nanocrystals, from stable dispersions to thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12561-12570.	2.7	22
56	NT2 neurons, a classical model for Alzheimer's disease, are highly susceptible to oxidative stress. <i>NeuroReport</i> , 2000, 11, 1865-1869.	0.6	21
57	Enhanced photocatalytic activity through insertion of plasmonic nanostructures into porous TiO <sub>2</sub> /SiO <sub>2</sub> hybrid composite films. <i>Journal of Catalysis</i> , 2016, 342, 117-124.	3.1	21
58	Heterogeneous singlet oxygen generation: in-operando visible light EPR spectroscopy. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25124-25129.	2.7	20
59	The formylation of the upper-rims of thiacalixarenes: synthesis of the first tetra-formylated and the first meta-substituted thiacalix[4]arenes. <i>Tetrahedron Letters</i> , 2004, 45, 6329-6331.	0.7	19
60	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 803-806.	1.1	18
61	Gold hollow spheres obtained using an innovative emulsion process: towards multifunctional Au nanoshells. <i>Nanotechnology</i> , 2009, 20, 355603.	1.3	18
62	Elaboration, structural characterization and optical properties of the yttrium alkoxide derived Y <sub>2</sub> O <sub>3</sub> planar optical waveguides. <i>Optical Materials</i> , 2004, 27, 21-27.	1.7	17
63	Generation of an ordered layer of silver nanoparticles in mesostructured dielectric films. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1073-1082.	0.8	17
64	Enhanced fluorescence of isophorone derivatives in DNA based materials. <i>Optical Materials</i> , 2013, 35, 1810-1816.	1.7	16
65	High-Performance Optical Power Limiting Filters at Telecommunication Wavelengths: When Aza-BODIPY Dyes Bond to Sol-Gel Materials. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24344-24350.	1.5	15
66	Simulating Plasmon Resonances of Gold Nanoparticles with Bipyramidal Shapes by Boundary Element Methods. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3807-3815.	2.3	15
67	Impact of structural defects on the photocatalytic properties of ZnO. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100081.	1.2	14
68	Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells. <i>Optical Materials</i> , 2011, 33, 1377-1381.	1.7	13
69	From Nanoparticle Assembly to Monolithic Aerogels of YAG, Rare Earth Fluorides, and Composites. <i>Chemistry of Materials</i> , 2018, 30, 5460-5467.	3.2	13
70	3D Printing and Pyrolysis of Optical ZrO <sub>2</sub> Nanostructures by Two-Photon Lithography: Reduced Shrinkage and Crystallization Mediated by Nanoparticles Seeds. <i>Small</i> , 2021, 17, e2102486.	5.2	13
71	In Vivo Efficacy of Enabling Formulations Based on Hydroxypropyl-β-Cyclodextrins, Micellar Preparation, and Liposomes for the Lipophilic Cannabinoid CB <sub>2</sub> Agonist, MDA7. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 352-364.	1.6	12
72	Design and Application of High Optical Quality YAG:Ce Nanocrystal-Loaded Silica Aerogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32304-32312.	4.0	12

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73	Au nanobipyramids@mSiO <sub>2</sub> core-shell nanoparticles for plasmon-enhanced singlet oxygen photooxygenations in segmented flow microreactors. <i>Nanoscale Advances</i> , 2020, 2, 5280-5287.	2.2	12
74	Multimodal Imaging with NanoGd Reveals Spatiotemporal Features of Neuroinflammation after Experimental Stroke. <i>Advanced Science</i> , 2021, 8, e2101433.	5.6	12
75	Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films from mixed bismuth-titanium alkoxides. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 8, 759-763.	1.1	11
76	Influence of the embedding matrix on optical properties of Ge nanocrystals-based nanocomposite. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	11
77	The intrinsic luminescence of individual plasmonic nanostructures in aqueous suspension by photon time-of-flight spectroscopy. <i>Nanoscale</i> , 2015, 7, 9013-9024.	2.8	11
78	Microfabrication by two-photon lithography, and characterization, of SiO <sub>2</sub> /TiO <sub>2</sub> based hybrid and ceramic microstructures. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 733-745.	1.1	11
79	Ellipsoporosimetry and thermoporometry analyses of mesoporous titania film containing silver nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2011, 139, 52-58.	2.2	10
80	Single gold bipyramids on a silanized substrate as robust plasmonic sensors for liquid environments. <i>Nanoscale</i> , 2018, 10, 16094-16101.	2.8	10
81	Sol-gel Nanohybrid Materials Incorporating Functional Thiacalixarenes for Non-Linear Optical Applications. <i>Materials Research Society Symposia Proceedings</i> , 2003, 771, 7161.	0.1	9
82	Insights into the reactivity of thiacalix[2]thianthrenes: synthesis and structural studies of sulfoxide and sulfone derivatives. <i>Tetrahedron</i> , 2007, 63, 10809-10816.	1.0	9
83	Cation binding by thiacalixthianthrenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 135-139.	1.6	9
84	Two-photon controlled sol-gel condensation for the microfabrication of silica based microstructures. The role of photoacids and photobases. <i>RSC Advances</i> , 2017, 7, 46615-46620.	1.7	9
85	Fluorescent gold nanoparticles with chain-end grafted RAFT copolymers: influence of the polymer molecular weight and type of chromophore. <i>Polymer Chemistry</i> , 2016, 7, 6812-6825.	1.9	8
86	Preparation of Powders and Films of NiAl <sub>2</sub> O <sub>4</sub> Spinel from a Structurally Characterized Molecular Precursor, NiAl <sub>2</sub> (acac) <sub>4</sub> (OiPr) <sub>4</sub> . <i>Journal of Sol-Gel Science and Technology</i> , 2004, 31, 63-66.	1.1	7
87	Plasmonic Nanoparticles Driven Enhanced Light Amplification in a Local 2D and 3D Self-Assembly. <i>Nanomaterials</i> , 2018, 8, 1051.	1.9	7
88	Liquid-Crystalline Suspensions of Photosensitive Paramagnetic CeF <sub>3</sub> Nanodiscs. <i>Langmuir</i> , 2019, 35, 16256-16265.	1.6	7
89	Insights in the sol-gel processing of Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> . The synthesis and crown structure of a new lead magnesium cluster: Pb <sub>6</sub> Mg <sub>12</sub> ( <sup>1</sup> / <sub>4</sub> -OAc) <sub>6</sub> ( <sup>1</sup> / <sub>2</sub> -OAc) <sub>18</sub> ( <sup>1</sup> / <sub>3</sub> -OC <sub>2</sub> H <sub>4</sub> OPri) <sub>12</sub> . <i>Inorganic Chemistry Communication</i> , 2002, 5, 316-318.	1.8	6
90	Controlled surface modification of gold nanostructures with functionalized silicon polymers. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 147-153.	1.1	6

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91	Structural properties of Ge nanocrystals synthesized by a PVD nanocluster source. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	5
92	On the origin of controlled anisotropic growth of monodisperse gold nanobipyramids. Nanoscale, 2021, 13, 15292-15300.	2.8	5
93	Which alternative to the pyrocarbon interphase in ceramic matrix composites?. European Journal of Control, 2005, 30, 609-620.	1.6	5
94	Hybrid sol-gel porous nanocomposites as efficient photocatalytic coatings: Insights in the structure/reactivity relationships. Applied Catalysis B: Environmental, 2015, 176-177, 472-479.	10.8	4
95	Impact of the synthesis parameters on the microstructure of nano-structured LTO prepared by glycothermal routes and <sup>7</sup> Li NMR structural investigations. Journal of Sol-Gel Science and Technology, 2019, 89, 225-233.	1.1	4
96	Hybrid multimodal contrast agent for multiscale <i>in vivo</i> investigation of neuroinflammation. Nanoscale, 2021, 13, 3767-3781.	2.8	4
97	Large and Versatile Plasmonic Enhancement of Photoluminescence Using Colloidal Metallic Nanocubes. Journal of Physical Chemistry C, 2021, 125, 7780-7790.	1.5	4
98	Mixed-Metal Bismuth-Titanium Species. Chemical Routes to Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . Materials Research Society Symposia Proceedings, 1994, 346, 285.	0.1	3
99	New Sol-Gel Route for Processing of PMN Thin Films. Journal of Sol-Gel Science and Technology, 2003, 26, 1109-1112.	1.1	3
100	Two-photon excited luminescence of lanthanide complex in monolithic sol-gel hybrid material. Journal of Luminescence, 2013, 133, 175-179.	1.5	3
101	Efficient reverse saturable absorption of sol-gel hybrid plasmonic glasses. Optical Materials, 2017, 69, 134-140.	1.7	3
102	An Optical Power Limiting and Ultrafast Photophysics Investigation of a Series of Multi-Branched Heavy Atom Substituted Fluorene Molecules. Inorganics, 2019, 7, 126.	1.2	3
103	Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> Thin Films from Mixed Bismuth-Titanium Alkoxides. Journal of Sol-Gel Science and Technology, 1997, 8, 759-763.	1.1	2
104	The Structure of the Pyridine Complex of p-tetrakis(phenylazo)-tetra-hydroxythiacalix[4]arene. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 46, 15-17.	1.6	2
105	Fast Prototyping of Silica Glass Microfluidic Chips: The Sol-Gel Route. Advanced Materials Technologies, 2018, 3, 1700267.	3.0	2
106	Plasmonic Bipyramidal Au Nanoparticles Enhance Near-Infrared Nonlinear Absorption of Dyes Confined in Sol-gel Materials: Implications for the Safe Utilization of Lasers. ACS Applied Nano Materials, 2022, 5, 3773-3780.	2.4	2
107	Crystal structure of tris[oxo-bis(2,4-pentanedionato)tin(IV)], [SnO(acac) <sub>2</sub> ] <sub>3</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2001, 216, 305-306.	0.1	1
108	Hybrid materials for Optical Limiting. Materials Research Society Symposia Proceedings, 2004, 847, 274.	0.1	1

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109	Preparation and characterization of sol-gel-derived YAG optical planar waveguide. , 2004, 5250, 581.		1
110	Hybrid materials for optical limiting applications. , 2006, 6401, 67.		1
111	Optoelectronic properties of p-i-n heterojunctions based on germanium nanocrystals. Journal of Applied Physics, 2013, 114, .	1.1	1
112	Symmetry loss of heptamethine cyanines: an example of dipole generation by ion-pairing effect. , 2013, , .		1
113	Sol-gel Elaboration of Porous Oxide Coatings as Interphase in SiC/SiC Ceramic Matrix Composites. Materials Research Society Symposia Proceedings, 2003, 775, 3241.	0.1	0
114	Recent Advances in the Functionalizations of the Upper Rims of Thiacalix[4]arenes. ChemInform, 2004, 35, no.	0.1	0
115	Hybrid materials for nonlinear absorption. , 2005, 5934, 24.		0
116	Multifunctional hybrid nanoparticles for two-photon fluorescence imaging and photodynamic therapy. Proceedings of SPIE, 2011, , .	0.8	0
117	Ultrabright and bleaching-resistant hybrid gold nanoparticles for confocal and two-photon fluorescence imaging. Proceedings of SPIE, 2014, , .	0.8	0
118	Sharp gold based hybrid nanoprobe for cell imaging through dark-field microscopy. Proceedings of SPIE, 2015, , .	0.8	0