

Sheng-Li Li

List of Publications by Year in descending order

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103
papers

1,709
citations

304368

22
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329751

37
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105
all docs

105
docs citations

105
times ranked

2155
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-Vis-NIR Full-Range Responsive Carbon Dots with Large Multiphoton Absorption Cross Sections and Deep-Red Fluorescence at Nucleoli and In Vivo. <i>Small</i> , 2020, 16, e2000680.	5.2	143
2	The Magic Au ₆₀ Nanocluster: A New Cluster-Assembled Material with Five Au ₁₃ Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8430-8434.	7.2	139
3	Nucleic acid-selective light-up fluorescent biosensors for ratiometric two-photon imaging of the viscosity of live cells and tissues. <i>Chemical Science</i> , 2016, 7, 2257-2263.	3.7	96
4	Synthesis, crystal structures and two-photon absorption properties of a series of terpyridine-based chromophores. <i>Dyes and Pigments</i> , 2012, 95, 149-160.	2.0	64
5	A series of triphenylamine-based two-photon absorbing materials with AIE property for biological imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5430-5440.	2.9	60
6	Enhanced three-photon activity triggered by the AIE behaviour of a novel terpyridine-based Zn(<i>scp</i>) complex bearing a thiophene bridge. <i>Chemical Science</i> , 2019, 10, 7228-7232.	3.7	57
7	Synthesis, crystal structures, electrochemical studies and anti-tumor activities of three polynuclear organotin(IV) carboxylates containing ferrocenyl moiety. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3180-3185.	0.8	47
8	Preparation, characterization, two-photon absorption and optical limiting properties of a novel metal complex containing carbazole. <i>Optical Materials</i> , 2006, 28, 897-903.	1.7	35
9	A series of Zn(<i>scp</i>) terpyridine complexes with enhanced two-photon-excited fluorescence for in vitro and in vivo bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7213-7221.	2.9	34
10	Two novel six-coordinated cadmium(ii) and zinc(ii) complexes from carbazate ²⁻ -diketonate: crystal structures, enhanced two-photon absorption and biological imaging application. <i>Dalton Transactions</i> , 2014, 43, 599-608.	1.6	32
11	Zn(II) and Cd(II) N-carbazolylacetates with strong fluorescence. <i>Polyhedron</i> , 2003, 22, 397-402.	1.0	31
12	Thiophene-based terpyridine and its zinc halide complexes: third-order nonlinear optical properties in the near-infrared region. <i>Dalton Transactions</i> , 2015, 44, 1473-1482.	1.6	31
13	A series of multifunctional coordination polymers based on terpyridine and zinc halide: second-harmonic generation and two-photon absorption properties and intracellular imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5458-5463.	2.9	31
14	Fluorescent probes with dual-mode for rapid detection of SO ₂ derivatives in living cells: Ratiometric and two-photon fluorescent sensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 1-6.	4.0	30
15	Series of C ^N C Cyclometalated Pt(II) Complexes: Synthesis, Crystal Structures, and Nonlinear Optical Properties in the Near-Infrared Region. <i>Inorganic Chemistry</i> , 2018, 57, 14134-14143.	1.9	30
16	Synthesis, crystal structures and third-order nonlinear optical properties in the near-IR range of two novel Ni(II) complexes. <i>Optical Materials</i> , 2014, 36, 687-696.	1.7	29
17	Small molecules of chalcone derivatives with high two-photon absorption activities in the near-IR region. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3256-3267.	2.7	28
18	KO ⁺ -Mediated, Three-Component Coupling Reaction of Indoles, [60]Fullerene, and Haloalkanes: One-Pot, Transition-Metal-Free Synthesis of Various 1,4-(3-Indole)(organo)[60]fullerenes. <i>Organic Letters</i> , 2017, 19, 1192-1195.	2.4	28

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19	Synthesis, two-photon absorption properties and bioimaging applications of mono-, di- and hexa-branched pyrimidine derivatives. <i>Dyes and Pigments</i> , 2014, 102, 263-272.	2.0	26
20	Design, Crystal Growth, Characterization, and Second-Order Nonlinear Optical Properties of Two New Three-Dimensional Coordination Polymers Containing Selenocyanate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2900-2907.	1.0	24
21	Role of anions in preparing silver(i) complexes with a new multidentate ligand: polymorphs, structures and nonlinear optical properties. <i>CrystEngComm</i> , 2012, 14, 8409.	1.3	23
22	Synthesis, photophysical properties and TD-DFT calculation of four two-photon absorbing triphenylamine derivatives. <i>Science China Chemistry</i> , 2013, 56, 106-116.	4.2	22
23	Synthesis, crystal structures, two-photon absorption and biological imaging application of two novel bent-shaped pyrimidine derivatives. <i>Dyes and Pigments</i> , 2013, 99, 20-28.	2.0	22
24	A series of two-photon absorption organotin (IV) cyano carboxylate derivatives for targeting nuclear and visualization of anticancer activities. <i>Journal of Inorganic Biochemistry</i> , 2019, 192, 1-6.	1.5	22
25	Activated Type I and Type II Process for Two-Photon Promoted ROS Generation: The Coordinated Zn Matters. <i>Inorganic Chemistry</i> , 2020, 59, 13671-13678.	1.9	22
26	Self-assembly of a series of thiocyanate complexes with high two-photon absorbing active in near-IR range and bioimaging applications. <i>Dyes and Pigments</i> , 2015, 120, 175-183.	2.0	20
27	A novel water-soluble quinoline-indole derivative as a three-photon fluorescent probe for identifying nucleolus RNA and mitochondrial DNA. <i>Chemical Communications</i> , 2020, 56, 1859-1862.	2.2	20
28	Synthesis, crystal structure and third-order nonlinear optical properties in the near-IR range of a novel stilbazolium dye substituted with flexible polyether chains. <i>Dyes and Pigments</i> , 2013, 97, 278-285.	2.0	19
29	Synthesis, crystal structures and two-photon absorption properties of triphenylamine cyanoacetic acid derivative and its organooxotin complexes. <i>Dalton Transactions</i> , 2015, 44, 701-709.	1.6	19
30	Synthesis, crystal structure, electrochemistry and third-order nonlinear optical properties of two novel ferrocene derivatives. <i>Journal of Organometallic Chemistry</i> , 2016, 817, 36-42.	0.8	19
31	Hydrosoluble two-photon absorbing materials: A series of sulfonated organic inner salts in biological imaging application. <i>Dyes and Pigments</i> , 2014, 102, 79-87.	2.0	18
32	KO ^t Bu-Mediated Coupling of Indoles and [60]Fullerene: Transition-Metal-Free and General Synthesis of 1,2-(3-Indole)(hydro)[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 10605-10610.	1.7	18
33	Two novel two-photon excited fluorescent pH probes based on the A-D-A system for intracellular pH mapping. <i>Dyes and Pigments</i> , 2017, 136, 807-816.	2.0	18
34	Investigation of two-photon absorption properties in new A-D-A compounds emitting blue and yellow fluorescence. <i>Journal of Molecular Structure</i> , 2015, 1093, 33-38.	1.8	17
35	Syntheses, characterizations and third-order NLO properties of a series of Ni(II), Cu(II) and Zn(II) complexes using a novel S-benzylthiocarbamate ligand. <i>Polyhedron</i> , 2017, 121, 53-60.	1.0	16
36	Synthesis, spectral and third-order nonlinear optical properties of terpyridine Zn(II) complexes based on carbazole derivative with polyether group. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 521-528.	2.0	15

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37	Crystal structures, photophysical properties and significantly different two-photon excited fluorescence of the trans- and cis-oligo(phenylene vinylene). <i>RSC Advances</i> , 2014, 4, 2620-2623.	1.7	14
38	Novel metal-organic hybrid materials constructed by ferrocenyl terpyridine derivatives and ZnII ₂ (X ⁻ =Cl ⁻ , Br ⁻ , I ⁻ , SCN ⁻ and CH ₃ COO ⁻). <i>Journal of Organometallic Chemistry</i> , 2015, 789-790, 22-28.	0.8	14
39	Crystal structure, optical properties and electrochemiluminescence of Cu(I), Ag(I) and Au(I) complexes that contain the cyanoacetic acid triphenylamine ligand. <i>Polyhedron</i> , 2015, 93, 17-22.	1.0	14
40	A series of stilbazolium salts with A- π -A model and their third-order nonlinear optical response in the near-IR region. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 92-99.	2.0	13
41	Thiophene aromatic amine derivatives with two-photon activities as probes for the detection of picric acid and pH. <i>Dyes and Pigments</i> , 2019, 170, 107641.	2.0	13
42	Dual-Functional Analogous <i>cis</i> -Platinum Complex with High Antitumor Activities and Two-Photon Bioimaging. <i>Biochemistry</i> , 2015, 54, 2177-2180.	1.2	12
43	Dual-channel fluorescent probe bearing two-photon activity for cell viability monitoring. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3633-3638.	2.9	12
44	A Series of Imidazole Derivatives: Synthesis, Two-Photon Absorption, and Application for Bioimaging. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	11
45	Two novel terpyridine-based chromophores with donor-acceptor structural model containing modified triphenylamine moiety: Synthesis, crystal structures and two-photon absorption properties. <i>Science China Chemistry</i> , 2013, 56, 1315-1324.	4.2	10
46	Synthesis, crystal structures, electrochemistry and nonlinear optical properties of a novel (D ⁺ -A ⁻ -D) biferrocenyl derivative: 2-Amino-4,6-diferrocenylpyrimidine. <i>Journal of Organometallic Chemistry</i> , 2012, 720, 66-72.	0.8	9
47	A Self-Assembled Nanohybrid Composed of Fluorophore-Phenylamine Nanorods and Ag Nanocrystals: Energy Transfer, Wavelength Shift of Fluorescence and TPEF Applications for Live-Cell Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 16625-16633.	1.7	9
48	Self-catalytic polymerization of a water-soluble selenium/polypyrrole nanocomposite and its nonlinear optical properties. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27548-27557.	1.3	9
49	Small water-soluble pyrimidine hexafluorophosphate derivatives with high two-photon absorption activities in the near-IR region and their biological applications. <i>RSC Advances</i> , 2017, 7, 20068-20075.	1.7	9
50	Novel Zn(II)/Cd(II) complexes based on ferrocenyl terpyridine: Crystal structures, electrochemical and third-order nonlinear optical properties using tunable femtosecond laser. <i>Journal of Organometallic Chemistry</i> , 2017, 830, 67-73.	0.8	9
51	Confined <i>in situ</i> polymerization in a nanoscale porphyrinic metal-organic framework for fluorescence imaging-guided synergistic phototherapy. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 670-677.	3.0	9
52	Thiophene-based pyridine derivatives: synthesis, crystal structures, two-photon absorption properties and bio-imaging applications in the near-IR region. <i>New Journal of Chemistry</i> , 2016, 40, 8809-8814.	1.4	8
53	Formation of a Novel Polymeric Cadmium(II) Complex Bridged by Sulfur and Thiocyanato Ions. <i>Chemistry Letters</i> , 2003, 32, 748-749.	0.7	7
54	Crystal structure, nonlinear optical and photophysical properties of a novel chromophore constructed with terpyridine, triphenylamine and ethyl cyanocetate functional moieties. <i>Materials Chemistry and Physics</i> , 2013, 140, 200-207.	2.0	7

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55	Formation and nonlinear optical properties of Ag nanocrystals capped with the conjugated ligand carbazolyl styryl terpyridine. <i>New Journal of Chemistry</i> , 2015, 39, 6830-6835.	1.4	7
56	Synthesis, crystal structures, and two-photon absorption of a series of cyanoacetic acid triphenylamine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 867-878.	2.0	7
57	Synthesis and two-photon absorption properties of novel 2-substituted-4,5-diphenyl-1H-imidazoles. <i>Tetrahedron</i> , 2016, 72, 2988-2996.	1.0	7
58	Novel β -branched fluorophores displaying high two-photon absorption. <i>RSC Advances</i> , 2016, 6, 46853-46863.	1.7	7
59	Effect of solvent, pH and metal ions on the self-assembly process and optical properties of an A type triphenylamine carboxylic acid derivative. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2990-3001.	2.7	7
60	Multipolar symmetric and asymmetric N -heterocyclic compounds with efficient two-photon absorption. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 194-205.	2.0	7
61	Linear and V-shaped carbazole-based molecules functionalized by cyano acceptors and diversified donors: Synthesis, single- and two-photon related photophysical properties. <i>Dyes and Pigments</i> , 2019, 165, 200-211.	2.0	7
62	Studies on the two-photon pumped upconverted fluorescence and superradiance of a new organic dye material in solutions. <i>Applied Optics</i> , 2002, 41, 6371.	2.1	6
63	trans-Diaquabis(thiosemicarbazido- β -2N,S)nickel(II) dimaleate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m181-m183.	0.4	6
64	Synthesis of two carbazole-based dyes and application of two-photon initiating polymerization. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1210-1215.	0.8	6
65	Crystal structure of dichlorido(2,2',6'-terpyridine- β -3)zinc: a redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m382-m383.	0.2	6
66	Self-catalytic synthesis of soluble polyaniline/tellurium nanocomposite and its nonlinear optical property. <i>Semiconductor Science and Technology</i> , 2016, 31, 055011.	1.0	6
67	Self-catalytic synthesis of soluble polythiophene/tellurium nanocomposite and its nonlinear optical property. <i>Colloid and Polymer Science</i> , 2016, 294, 1259-1267.	1.0	6
68	Gold nanoparticles modified by new conjugated S=C=N terminal and its biological imaging application. <i>Dyes and Pigments</i> , 2017, 141, 13-20.	2.0	6
69	Carbon Dots: UV-Vis-NIR Full-Range Responsive Carbon Dots with Large Multiphoton Absorption Cross Sections and Deep-Red Fluorescence at Nucleoli and In Vivo (Small 19/2020). <i>Small</i> , 2020, 16, 2070107.	5.2	6
70	Functional terpyridyl iron complexes for in vivo photoacoustic imaging. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2753-2758.	3.0	6
71	Formation and Nonlinear Optical Properties of a Novel Polymeric Cadmium(II) Complex Bridged by Sulfur Ions. <i>Chemistry Letters</i> , 2005, 34, 1186-1187.	0.7	5
72	Bis(thiosemicarbazide)zinc(II) bis(maleate) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2701-m2703.	0.2	5

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73	Hydrothermal fabrication of hydroxyapatite on the PEG-grafted surface of wood from Chinese Glossy Privet. <i>Applied Surface Science</i> , 2012, 259, 643-649.	3.1	5
74	Synthesis, crystal structures and spectral properties of 6-phenyl-2-bipyridine derivatives and their CdL12 complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 30-36.	2.0	5
75	NIR laser induced TPA enhancement of Zn(II)-terpyridine capped gold nanoparticles for targeting mitochondria. <i>Dyes and Pigments</i> , 2016, 133, 86-92.	2.0	5
76	Enhanced two-photon absorption property of silver nanoparticle aggregates induced by a thioether derivative. <i>Optical Materials</i> , 2016, 62, 485-493.	1.7	5
77	Green synthesis and photophysical properties of novel 1 H-imidazo[4,5-f][1,10]phenanthroline derivatives with blue/cyan two-photon excited fluorescence. <i>Tetrahedron</i> , 2017, 73, 2886-2893.	1.0	5
78	Synthesis, electronic structure, linear and nonlinear photophysical properties of novel asymmetric branched compounds. <i>Dyes and Pigments</i> , 2020, 175, 108115.	2.0	5
79	Synthesis, prodigious two-photon absorption cross sections and electrochemical properties of a series of triphenylamine-based chromophores. <i>Optical Materials</i> , 2014, 36, 1281-1288.	1.7	4
80	A simple therapeutic nanoplatfom in the second near-infrared window for synergistic phototherapy. <i>Dyes and Pigments</i> , 2021, 192, 109450.	2.0	4
81	Bis(thiosemicarbazido- λ^2 N,S)nickel(II)-succinate-succinic acid (1/1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m199-m201.	0.2	3
82	Self-assembly of Terbium(III)-based metal-organic complexes with two-photon absorbing active. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 134-140.	2.0	3
83	Four Novel Zn (II) Coordination Polymers Based on 4-Ferrocenyl-3,2:6:3-Terpyridine: Engineering a Switch from 1D Helical Polymer Chain to 2D Network by Coordination Anion Modulation. <i>Materials</i> , 2017, 10, 1360.	1.3	3
84	Halogen-modified carbazole derivatives for lipid droplet-specific bioimaging and two-photon photodynamic therapy. <i>Analyst</i> , The, 2021, 147, 66-71.	1.7	3
85	Bis(thiosemicarbazide)cadmium(II) bis(maleate) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m64-m66.	0.2	2
86	Cobalt mercury tetraselenocyanate, CoHg(SeCN) ₄ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, i47-i49.	0.2	2
87	Synthesis, crystal structure and photophysical properties of a series of metal complexes M ₂ L ₂ (M=Zn, Tl) ETQq _{1,1} 0.7843 _{1,4} rgBT	2.0	2
88	Syntheses, crystal structures, nonlinear optical properties and cis-trans isomerization of functionalized sulfur-terminal [Zn(II) and Cd(II)] complexes based on phenothiazine-2,2:6:2-terpyridine 2.0 conjugated ligands. <i>Dyes and Pigments</i> , 2015, 115, 110-119.	2.0	2
89	Water soluble fluorophore-carbazole-Au-DNA nanohybrid: enhanced two-photon absorption for living cell imaging application. <i>RSC Advances</i> , 2015, 5, 94446-94455.	1.7	2
90	A series of Cd ^{II} X ₂ (X=Cl, Br, I) complexes with D-A model and their third-order nonlinear optical properties with a femtosecond laser in the near IR region. <i>Journal of Coordination Chemistry</i> , 2017, 70, 960-972.	0.8	2

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91	Novel yellow- to red-emitting fluorophores: Facile synthesis, aggregation-induced emission, two-photon absorption properties, and application in living cell imaging. <i>Dyes and Pigments</i> , 2021, 185, 108849.	2.0	2
92	Turning on two-photon activity over $N\hat{S}N\hat{S}N$ cyclometalated Pt(II) complex by introducing flexible chains. <i>Dyes and Pigments</i> , 2021, 184, 108788.	2.0	2
93	4-[(E)-2-[4-(Diethylamino)phenyl]ethenyl]-1-methylpyridin-1-ium tetraphenylborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2694-o2694.	0.2	1
94	Synthesis and Crystal Structure of New Pyridyl Derivative. <i>Asian Journal of Chemistry</i> , 2014, 26, 1494-1496.	0.1	1
95	3-(2-Methyl-1,3-benzothiazol-3-ium-3-yl)propane-1-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o714-o714.	0.2	1
96	Synthesis, optical characterization, and solvatochromism study of new two-photon absorption compounds. <i>Tetrahedron</i> , 2016, 72, 2271-2279.	1.0	1
97	A new series of two-photon blue/violet fluorescent trans-alkenes: Green synthesis and optical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 164-170.	2.0	1
98	Preparation and Photophysical Properties of All-trans Acceptor-Donor (Acceptor) Compounds Possessing Obvious Solvatochromic Effects. <i>Australian Journal of Chemistry</i> , 2017, 70, 1048.	0.5	1
99	(E)-3-(9-Hexyl-9H-carbazol-3-yl)acrylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o884-o884.	0.2	0
100	Crystal structure of [2-({4-[2,6-bis(pyridin-2-yl)pyridin-4-yl]phenyl}(methyl)amino)ethanol- $\hat{P}3N, N\hat{E}2, N\hat{E}2\hat{E}2$]bis(thiocyanato- $\hat{P}N$)zinc(II)-dimethylformamide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m347-m348.	0.1	0
101	A Facile and Effective Approach to Fabricate Chitosan/Hydroxyapatite Nanocomposite Coating on the Surface of Wood from Chinese Glossy Privet. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5880-5885.	0.9	0
102	Synthesis, nonlinear optical properties and cellular imaging of hybrid ZnS nanoparticles capped with conjugated terpyridine derivatives. <i>Journal of Materials Science</i> , 2018, 53, 1791-1800.	1.7	0
103	Synthesis, photophysical properties, and DNA-binding of novel A- \hat{E} -D- \hat{E} -A' two-photon absorption chromophores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 705-714.	2.0	0