

Jingui Qin

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Similar or Totally Different: The Control of Conjugation Degree through Minor Structural Modifications, and Deep-Blue Aggregation-Induced Emission Luminogens for Non-Doped OLEDs. <i>Advanced Functional Materials</i> , 2013, 23, 2329-2337.	14.9	270
2	Bipolar Tetraarylsilanes as Universal Hosts for Blue, Green, Orange, and White Electrophosphorescence with High Efficiency and Low Efficiency Roll-Off. <i>Advanced Functional Materials</i> , 2011, 21, 1168-1178.	14.9	229
3	An alternative approach to develop a highly sensitive and selective chemosensor for the colorimetric sensing of cyanide in water. <i>Chemical Communications</i> , 2008, , 5848.	4.1	211
4	New Carbazole-Based Fluorophores: Synthesis, Characterization, and Aggregation-Induced Emission Enhancement. <i>Journal of Physical Chemistry B</i> , 2009, 113, 434-441.	2.6	168
5	Recent advances and future perspectives on infrared nonlinear optical metal halides. <i>Coordination Chemistry Reviews</i> , 2019, 380, 83-102.	18.8	166
6	New tetraphenylethene-based efficient blue luminophors: aggregation induced emission and partially controllable emitting color. <i>Journal of Materials Chemistry</i> , 2012, 22, 2478-2484.	6.7	162
7	Multifunctional Triphenylamine/Oxadiazole Hybrid as Host and Exciton-Blocking Material: High Efficiency Green Phosphorescent OLEDs Using Easily Available and Common Materials. <i>Advanced Functional Materials</i> , 2010, 20, 2923-2929.	14.9	159
8	Some new design strategies for second-order nonlinear optical polymers and dendrimers. <i>Polymer Chemistry</i> , 2011, 2, 2723.	3.9	154
9	A New Rhodamine-Based Colorimetric Cyanide Chemosensor: Convenient Detecting Procedure and High Sensitivity and Selectivity. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2529-2535.	8.0	149
10	High-Performance Thin-Film Transistors from Solution-Processed Dithienothiophene Polymer Semiconductor Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 2057-2059.	6.7	136
11	Novel Functional Conjugative Hyperbranched Polymers with Aggregation-Induced Emission: Synthesis Through One-Pot $A_2 + B_4$ -Polymerization and Application as Explosive Chemosensors and PLEDs. <i>Macromolecular Rapid Communications</i> , 2012, 33, 164-171.	3.9	135
12	$Rb_2CdBr_2I_2$: A New IR Nonlinear Optical Material with a Large Laser Damage Threshold. <i>Journal of the American Chemical Society</i> , 2014, 136, 5683-5686.	13.7	134
13	A conjugated hyperbranched polymer constructed from carbazole and tetraphenylethylene moieties: convenient synthesis through one-pot $A_2 + B_4$ -Suzuki polymerization, aggregation-induced enhanced emission, and application as explosive chemosensors and PLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 6374.	6.7	132
14	A New Mixed Halide, $Cs_2HgI_2Cl_2$: Molecular Engineering for a New Nonlinear Optical Material in the Infrared Region. <i>Journal of the American Chemical Society</i> , 2012, 134, 14818-14822.	13.7	130
15	$ABi_2(IO_3)_2F_5$ (A=K, Rb, and Cs): A Combination of Halide and Oxide Anionic Units To Create a Large Second-Harmonic Generation Response with a Wide Bandgap. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9492-9496.	13.8	129
16	A highly specific rhodamine-based colorimetric probe for hypochlorites: a new sensing strategy and real application in tap water. <i>Chemical Communications</i> , 2011, 47, 3189.	4.1	123
17	Near-Infrared Polymer Light-Emitting Diodes with High Efficiency and Low Efficiency Roll-off by Using Solution-Processed Iridium(III) Phosphors. <i>Chemistry of Materials</i> , 2015, 27, 96-104.	6.7	122
18	Molecular design of host materials based on triphenylamine/oxadiazole hybrids for excellent deep-red phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010, 20, 1759.	6.7	120

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19	First principles selection and design of mid-IR nonlinear optical halide crystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7363.	5.5	117
20	New Azo-Chromophore-Containing Hyperbranched Polytriazoles Derived from AB ₂ Monomers via Click Chemistry under Copper(I) Catalysis. <i>Macromolecules</i> , 2009, 42, 1589-1596.	4.8	115
21	Unexpected Propeller-Like Hexakis(fluorenyl)benzene Cores for Six-Arm Star-Shaped Oligofluorenes: Highly Efficient Deep-Blue Fluorescent Emitters and Good Hole-Transporting Materials. <i>Advanced Functional Materials</i> , 2013, 23, 1781-1788.	14.9	115
22	Benzene-cored fluorophors with TPE peripheries: facile synthesis, crystallization-induced blue-shifted emission, and efficient blue luminogens for non-doped OLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 12001.	6.7	114
23	RbIO ₃ and RbIO ₂ F ₂ : Two Promising Nonlinear Optical Materials in Mid-IR Region and Influence of Partially Replacing Oxygen with Fluorine for Improving Laser Damage Threshold. <i>Chemistry of Materials</i> , 2016, 28, 1413-1418.	6.7	107
24	Simple CBP isomers with high triplet energies for highly efficient blue electrophosphorescence. <i>Journal of Materials Chemistry</i> , 2012, 22, 2894-2899.	6.7	106
25	Influence of the molecular configuration on second-order nonlinear optical properties of coordination compounds. <i>Coordination Chemistry Reviews</i> , 1999, 188, 23-34.	18.8	105
26	A New Postfunctional Approach To Prepare Second-Order Nonlinear Optical Polyphosphazenes Containing Sulfonyl-Based Chromophore. <i>Macromolecules</i> , 2004, 37, 371-376.	4.8	100
27	Prospects for Fluoride Carbonate Nonlinear Optical Crystals in the UV and Deep-UV Regions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25684-25692.	3.1	92
28	Polyphosphazene Containing Indole-Based Dual Chromophores: Synthesis and Nonlinear Optical Characterization. <i>Macromolecules</i> , 2002, 35, 9232-9235.	4.8	90
29	Triphenylamine Dendronized Iridium(III) Complexes: Robust Synthesis, Highly Efficient Nondoped Orange Electrophosphorescence and the Structure-Property Relationship. <i>Chemistry of Materials</i> , 2012, 24, 174-180.	6.7	90
30	Third-order nonlinear optical properties of a new copper coordination compound: A promising candidate for all-optical switching. <i>Chemical Physics Letters</i> , 2008, 451, 213-217.	2.6	88
31	From Controllable Attached Isolation Moieties to Possibly Highly Efficient Nonlinear Optical Main-Chain Polyurethanes Containing Indole-Based Chromophores. <i>Journal of Physical Chemistry B</i> , 2007, 111, 508-514.	2.6	87
32	Nonlinear Optical Chromophores with Pyrrole Moieties as the Conjugated Bridge: Enhanced NLO Effects and Interesting Optical Behavior. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4545-4551.	2.6	86
33	High performance organic sensitizers based on 11,12-bis(hexyloxy) dibenzo[a,c]phenazine for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18830.	6.7	86
34	Efficient Solution-Processed Deep-Blue Organic Light-Emitting Diodes Based on Multibranched Oligofluorenes with a Phosphine Oxide Center. <i>Chemistry of Materials</i> , 2013, 25, 3320-3327.	6.7	82
35	Novel pyrrole-based dyes for dye-sensitized solar cells: From rod-shape to H-type. <i>Journal of Materials Chemistry</i> , 2012, 22, 6689.	6.7	81
36	Solution-processable highly efficient yellow- and red-emitting phosphorescent organic light emitting devices from a small molecule bipolar host and iridium complexes. <i>Journal of Materials Chemistry</i> , 2008, 18, 4091.	6.7	76

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37	Nonlinear Optical Dendrimers from Click Chemistry: Convenient Synthesis, New Function of the Formed Triazole Rings, and Enhanced NLO Effects. <i>Macromolecules</i> , 2009, 42, 3864-3868.	4.8	73
38	New Indole-Based Metal-Free Organic Dyes for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14588-14595.	2.6	72
39	Stable white electroluminescence from single fluorene-based copolymers: using fluorenone as the green fluorophore and an iridium complex as the red phosphor on the main chain. <i>Journal of Materials Chemistry</i> , 2008, 18, 291-298.	6.7	71
40	Novel global-like second-order nonlinear optical dendrimers: convenient synthesis through powerful click chemistry and large NLO effects achieved by using simple azo chromophore. <i>Chemical Science</i> , 2012, 3, 1256.	7.4	70
41	Colorimetric hypochlorite detection using an azobenzene acid in pure aqueous solutions and real application in tap water. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 229-234.	7.8	70
42	Controlling charge balance and exciton recombination by bipolar host in single-layer organic light-emitting diodes. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	69
43	High Power Efficiency Yellow Phosphorescent OLEDs by Using New Iridium Complexes with Halogen-Substituted 2-Phenylbenzo[<i>d</i>]thiazole Ligands. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19134-19141.	3.1	69
44	A Novel Nonlinear Optical Crystal for the IR Region: A Noncentrosymmetrically Crystalline CsCdBr ₃ and Its Properties. <i>Inorganic Chemistry</i> , 2003, 42, 8-10.	4.0	68
45	Tuning the saturated red emission: synthesis, electrochemistry and photophysics of 2-arylquinoline based iridium(III) complexes and their application in OLEDs. <i>Journal of Materials Chemistry</i> , 2006, 16, 3332.	6.7	68
46	New hyperbranched polymers containing second-order nonlinear optical chromophores: Synthesis and nonlinear optical characterization. <i>Polymer</i> , 2006, 47, 7881-7888.	3.8	67
47	Synthesis and Characterization of Indole-Containing Chromophores for Second-Order Nonlinear Optics. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10241-10247.	2.6	67
48	New Indole-Based Chromophore-Containing Main-Chain Polyurethanes: Architectural Modification of Isolation Group, Enhanced Nonlinear Optical Property, and Improved Optical Transparency. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4928-4933.	2.6	65
49	NaSb ₃ F ₁₀ : A new second-order nonlinear optical crystal to be used in the IR region with very high laser damage threshold. <i>Applied Physics Letters</i> , 2009, 95, 261104.	3.3	64
50	Novel second-order nonlinear optical main-chain polyurethanes: Adjustable subtle structure, improved thermal stability and enhanced nonlinear optical property. <i>Polymer</i> , 2007, 48, 5520-5529.	3.8	62
51	Efficient deep-blue emitters comprised of an anthracene core and terminal bifunctional groups for nondoped electroluminescence. <i>Journal of Materials Chemistry</i> , 2011, 21, 6409.	6.7	62
52	New Azo Chromophore-Containing Conjugated Polymers: Facile Synthesis by Using "Click" Chemistry and Enhanced Nonlinear Optical Properties Through the Introduction of Suitable Isolation Groups. <i>Macromolecular Rapid Communications</i> , 2008, 29, 136-141.	3.9	61
53	Diarylmethylene-bridged triphenylamine derivatives encapsulated with fluorene: very high T _g host materials for efficient blue and green phosphorescent OLEDs. <i>Journal of Materials Chemistry</i> , 2010, 20, 3232.	6.7	60
54	New Pyrrole-Based Organic Dyes for Dye-Sensitized Solar Cells: Convenient Syntheses and High Efficiency. <i>Chemistry - A European Journal</i> , 2009, 15, 9664-9668.	3.3	59

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55	Highly efficient solution-processed green and red electrophosphorescent devices enabled by small-molecule bipolar host material. <i>Journal of Materials Chemistry</i> , 2011, 21, 9326.	6.7	59
56	$A_{2}B_{5}O_{15}$ ($A = K^{+}$ or Rb^{+}): two new promising nonlinear optical materials containing $[K_{3}O_{9}]^{3-}$ bridging anionic groups. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4057-4062.	5.5	59
57	The design of second-order nonlinear optical chromophores exhibiting blue-shifted absorption and large nonlinearities: the role of the combined conjugation bridge. <i>Chemical Communications</i> , 2001, , 171-172.	4.1	58
58	New PVK-based nonlinear optical polymers: Enhanced nonlinearity and improved transparency. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2983-2993.	2.3	57
59	Tetraphenylsilane derivatives spiro-annulated by triphenylamine/carbazole with enhanced HOMO energy levels and glass transition temperatures without lowering triplet energy: host materials for efficient blue phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2013, 1, 463-469.	5.5	57
60	Second-order nonlinear optical property of polyphosphazenes containing charge-transporting agents and indole-based chromophore. <i>Polymer</i> , 2005, 46, 4971-4978.	3.8	55
61	Star-shaped D π A Molecules Containing a 2,4,6-tri(thiophen-2-yl)-1,3,5-triazine Unit: Synthesis and Two-photon Absorption Properties. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5587-5593.	2.4	55
62	Functionalized polyacetylenes with strong luminescence: off-on fluorescent detection of cyanide based on the dissolution of gold nanoparticles and its application in real samples. <i>Journal of Materials Chemistry</i> , 2012, 22, 5581.	6.7	55
63	Highly Efficient Simple Structure Blue and All-Phosphor Warm White Phosphorescent Organic Light-emitting Diodes Enabled by Wide Bandgap Tetraarylsilane-based Functional Materials. <i>Advanced Functional Materials</i> , 2014, 24, 5710-5718.	14.9	55
64	A New Carbazole-Constructed Hyperbranched Polymer: Convenient One-pot Synthesis, Hole-Transporting Ability, and Field-effect Transistor Properties. <i>Advanced Functional Materials</i> , 2009, 19, 2677-2683.	14.9	54
65	Functionalization of Graphene Sheets by Polyacetylene: Convenient Synthesis and Enhanced Emission. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 768-773.	2.2	54
66	Controlling nonlinear optical effects of polyurethanes by adjusting isolation spacers through facile postfunctional polymer reactions. <i>Polymer</i> , 2007, 48, 3650-3657.	3.8	53
67	Synthesis, Characterization, and Crystal Growth of $Cs_{2}Hg_{3}I_{8}$: A New Second-Order Nonlinear Optical Material. <i>Crystal Growth and Design</i> , 2008, 8, 2946-2949.	3.0	52
68	Two-photon absorption enhancement induced by aggregation due to intermolecular hydrogen bonding in V-shaped 2-hydroxypyrimidine derivatives. <i>Chemical Communications</i> , 2008, , 2260.	4.1	51
69	Highly efficient single-layer white polymer light-emitting devices employing triphenylamine-based iridium dendritic complexes as orange emissive component. <i>Journal of Materials Chemistry</i> , 2012, 22, 361-366.	6.7	51
70	Improving the performance of phosphorescent polymer light-emitting diodes using morphology-stable carbazole-based iridium complexes. <i>Journal of Materials Chemistry</i> , 2007, 17, 3451.	6.7	49
71	Effect of the Longer β -Unsubstituted Oligothiophene Unit (6T and 7T) on the Organic Thin-Film Transistor Performances of Diketopyrrolopyrrole-Oligothiophene Copolymers. <i>Chemistry of Materials</i> , 2013, 25, 4290-4296.	6.7	49
72	Synthesis and characterization of polysiloxanes containing carbazolyl and sulfonyl-indole based chromophore as side chains. <i>Polymer</i> , 2005, 46, 363-368.	3.8	47

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73	Synthesis and two-photon absorption properties of novel heterocycle-based organic molecules. <i>Journal of Materials Chemistry</i> , 2005, 15, 4502.	6.7	47
74	Two-photon absorption of a series of V-shape molecules: the influence of acceptor's strength on two-photon absorption in a noncentrosymmetric D _{2h} system. <i>Journal of Materials Chemistry</i> , 2007, 17, 4685.	6.7	47
75	SbF ₃ : A new second-order nonlinear optical material. <i>Optical Materials</i> , 2008, 31, 110-113.	3.6	47
76	Star-shaped hexakis(9,9-dihexyl-9H-fluoren-2-yl)benzene end-capped with carbazole and diphenylamine units: solution-processable, high T _g hole-transporting materials for organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 23485.	6.7	47
77	Bandgaps in the deep ultraviolet borate crystals: Prediction and improvement. <i>Applied Physics Letters</i> , 2013, 102, 231904.	3.3	47
78	Synthesis of novel poly{methyl-[3-(9-indolyl)propyl]siloxane}-based nonlinear optical polymers via postfunctionalization. <i>Polymer</i> , 2005, 46, 11940-11948.	3.8	46
79	Saturated Red-Emitting Electrophosphorescent Polymers with Iridium Coordinating to ¹² -Diketonate Units in the Main Chain. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1926-1931.	3.9	46
80	A Series of Hyperbranched Polytriazoles Containing Perfluoroaromatic Rings from AB ₂ -Type Monomers: Convenient Syntheses by Click Chemistry under Copper(I) Catalysis and Enhanced Optical Nonlinearity. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2787-2795.	3.3	45
81	New series of AB ₂ -type hyperbranched polytriazoles derived from the same polymeric intermediate: Different endcapping spacers with adjustable bulk and convenient syntheses via click chemistry under copper(I) catalysis. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1977-1987.	2.3	45
82	A tetrahedral coordination compound for second-order nonlinear optics: synthesis, crystal structure and SHG of Zn(2-NH ₂ py) ₂ Cl ₂ . <i>Polyhedron</i> , 1999, 18, 3461-3464.	2.2	44
83	A Postfunctionalization Strategy To Develop PVK-Based Nonlinear Optical Polymers with a High Density of Chromophores and Improved Processibility. <i>Chemistry of Materials</i> , 2001, 13, 927-931.	6.7	44
84	Two Novel Fluorinated Poly(arylene ether)s with Pendant Chromophores for Second-Order Nonlinear Optical Application. <i>Macromolecules</i> , 2004, 37, 7089-7096.	4.8	44
85	Second-order nonlinear optical dendrimers containing different types of isolation groups: convenient synthesis through powerful "click chemistry" and large NLO effects. <i>Journal of Materials Chemistry C</i> , 2013, 1, 717-728.	5.5	44
86	Dendronized Polyfluorenes with High Azo-Chromophore Loading Density: Convenient Synthesis and Enhanced Second-Order Nonlinear Optical Effects. <i>Macromolecules</i> , 2009, 42, 6463-6472.	4.8	42
87	Dendronlike Main-Chain Nonlinear Optical (NLO) Polyurethanes Constructed from H-Type Chromophores: Synthesis and NLO Properties. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 856-863.	8.0	42
88	Aromatic/perfluoroaromatic self-assembly effect: an effective strategy to improve the NLO effect. <i>Journal of Materials Chemistry</i> , 2012, 22, 18486.	6.7	42
89	Synthesis, crystal structure and properties of a new candidate for nonlinear optical material in the IR region: Hg ₂ Br ₃ . <i>Dalton Transactions</i> , 2012, 41, 763-766.	3.3	42
90	A relay strategy for the mercury (II) chemodosimeter with ultra-sensitivity as test strips. <i>Scientific Reports</i> , 2015, 5, 15987.	3.3	42

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91	How the linkage positions affect the performance of bulk-heterojunction polymer solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 12523.	6.7	41
92	A study on K ₂ SbF ₂ Cl ₃ as a new mid-IR nonlinear optical material: new synthesis and excellent properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9588-9593.	5.5	41
93	A new polyfluorene bearing pyridine moieties: a sensitive fluorescent chemosensor for metal ions and cyanide. <i>Polymer Chemistry</i> , 2012, 3, 1446.	3.9	39
94	New hyperbranched polyaryleneethynylene containing azobenzenechromophore moieties in the main chain: facile synthesis, large optical nonlinearity and high thermal stability. <i>Polymer Chemistry</i> , 2010, 1, 78-81.	3.9	37
95	Effect of polymer chain conformation on field-effect transistor performance: synthesis and properties of two arylene imide based D ^π A copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 14639.	6.7	37
96	Using Two Simple Methods of Ar ¹ ;Ar ² F ³ Self-Assembly and Isolation Chromophores to Further Improve the Comprehensive Performance of NLO Dendrimers. <i>Chemistry - A European Journal</i> , 2013, 19, 630-641.	3.3	37
97	Synthesis and properties of a new ferromagnetic 2,2'-bipyridine-MnPS ₃ intercalation compound. <i>Solid State Communications</i> , 1996, 100, 427-431.	1.9	36
98	New Indole-Based Light-Emitting Oligomers: Structural Modification, Photophysical Behavior, and Electroluminescent Properties. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5816-5822.	2.6	36
99	Two Types of Nonlinear Optical Polyurethanes Containing the Same Isolation Groups: Syntheses, Optical Properties, and Influence of Binding Mode. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14943-14949.	2.6	35
100	High-Performance, Phosphorescent, Top-Emitting Organic Light-Emitting Diodes with "n Homojunctions. <i>Advanced Functional Materials</i> , 2011, 21, 1681-1686.	14.9	35
101	Synthesis and characterization of a new disubstituted polyacetylene containing indolylazo moieties in side chains. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5672-5681.	2.3	34
102	A new building block, bis(thiophene vinyl)-pyrimidine, for constructing excellent two-photon absorption materials: synthesis, crystal structure and properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 4343.	6.7	34
103	New second-order nonlinear optical (NLO) hyperbranched polymers containing isolation chromophore moieties derived from one-pot A ² + B ₄ approach via Suzuki coupling reaction. <i>RSC Advances</i> , 2012, 2, 6520.	3.6	34
104	Water-soluble graphene sheets with large optical limiting response via non-covalent functionalization with polyacetylenes. <i>Journal of Materials Chemistry</i> , 2012, 22, 22624.	6.7	34
105	ABi ₂ (IO ₃) ₂ F ₅ (A=K, Rb, and Cs): A Combination of Halide and Oxide Anionic Units To Create a Large Second-Harmonic Generation Response with a Wide Bandgap. <i>Angewandte Chemie</i> , 2017, 129, 9620-9624.	2.0	34
106	Organometallic solid state chemistry. <i>Journal of Organometallic Chemistry</i> , 1988, 358, 375-388.	1.8	32
107	A new approach to suppress nonlinearity-transparency trade-off through coordination chemistry: syntheses and spectroscopic study on second-order nonlinear optical properties of a series of square-pyramidal zinc(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1095-1101.	3.9	32
108	New azobenzene-containing polyurethanes: Post-functional strategy and second-order nonlinear optical properties. <i>Dyes and Pigments</i> , 2008, 78, 199-206.	3.7	32

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109	High-performance blue and green electrophosphorescence achieved by using carbazole-containing bipolar tetraarylsilanes as host materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 11197.	6.7	32
110	Organic dyes incorporating N-functionalized pyrrole as conjugated bridge for dye-sensitized solar cells: Convenient synthesis, additional withdrawing group on the π -bridge and the suppressed aggregation. <i>Dyes and Pigments</i> , 2013, 99, 863-870.	3.7	32
111	New sensitizers bearing quinoxaline moieties as an auxiliary acceptor for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 98, 405-413.	3.7	32
112	Colorimetric and fluorescent probes for real-time naked eye sensing of copper ion in solution and on paper substrate. <i>Royal Society Open Science</i> , 2017, 4, 171161.	2.4	32
113	Synthesis, characterization and magnetic properties of transition metal salen complexes intercalated into layered MnPS ₃ . <i>Journal of Alloys and Compounds</i> , 2007, 432, 247-252.	5.5	31
114	Polyurethanes Containing Indole-Based Non-Linear Optical Chromophores: from Linear Chromophore to H-Type. <i>Macromolecular Rapid Communications</i> , 2008, 29, 798-803.	3.9	31
115	Organic Thin-Film Transistors Processed from Relatively Nontoxic, Environmentally Friendlier Solvents. <i>Chemistry of Materials</i> , 2010, 22, 5747-5753.	6.7	31
116	New hyperbranched second-order nonlinear optical poly(aryleneethynylene)s containing pentafluoroaromatic rings as isolation group: Facile synthesis and enhanced optical nonlinearity through Ar ^F self-assembly effect. <i>Journal of Polymer Science Part A</i> , 2012, 50, 5124-5133.	2.3	31
117	Tuning the energy levels and photophysical properties of triphenylamine-featured iridium(III) complexes: application in high performance polymer light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 11128.	6.7	31
118	Synthesis, characterization and photovoltaic performances of D-A copolymers based on BDT and DBPz: the largely improved performance caused by additional thiophene blocks. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4508.	10.3	31
119	Synthesis of polyphosphazenes as potential photorefractive materials. <i>Reactive and Functional Polymers</i> , 2001, 48, 113-118.	4.1	30
120	α -shape second order NLO polymers: synthesis and characterization. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1220.	2.8	30
121	Managing Charge Balance and Triplet Excitons to Achieve High-Power-Efficiency Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2813-2818.	8.0	30
122	Influence of A-site cations on germanium iodates as mid-IR nonlinear optical materials: A ₂ Ge(IO ₃) ₆ (A = Li, K, Rb and Cs) and BaGe(IO ₃) ₆ ·H ₂ O. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4698-4705.	5.5	30
123	Highly Fluorescent Conjugated Copolymers Containing Dithieno[3,2-b:3',2'-d]pyrrole. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1603-1608.	3.9	29
124	New efficient dyes containing tert-butyl in donor for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2012, 95, 244-251.	3.7	29
125	Pb ₃ (SeO ₃)Br ₄ : a new nonlinear optical material with enhanced SHG response designed via an ion-substitution strategy. <i>Dalton Transactions</i> , 2018, 47, 1911-1917.	3.3	29
126	A promising nonlinear optical material in the Mid-IR region: new results on synthesis, crystal structure and properties of noncentrosymmetric β -HgBrCl. <i>Dalton Transactions</i> , 2013, 42, 9893.	3.3	29

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127	New organic dyes containing tert-Butyl-capped N-Arylcarbazole moiety for Dye-sensitized solar cells. RSC Advances, 2012, 2, 7081.	3.6	28
128	Functionalization of graphene by tetraphenylethylene using nitrene chemistry. RSC Advances, 2012, 2, 7042.	3.6	28
129	Designing a thiophene-fused DPP unit to build an "A" molecule for solution-processed solar cells. Journal of Materials Chemistry A, 2015, 3, 6894-6900.	10.3	28
130	New indole-containing luminophores: convenient synthesis and aggregation-induced emission enhancement. Journal of Physical Organic Chemistry, 2009, 22, 241-246.	1.9	27
131	Self-Assembly of Star-Shaped Second-Order Nonlinear Optical Chromophores Achieving Large Macroscopic Nonlinearities. Advanced Electronic Materials, 2017, 3, 1700138.	5.1	27
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