Guo-Cong Guo

List of Publications by Year
in descending order

203 papers	11,923 citations	22153 59 h-index	32842 100 g-index
212 all docs	212 docs citations	212 times ranked	6797 citing authors

#	Article	IF	Citations
1	A Direct White-Light-Emitting Metalâ˜Organic Framework with Tunable Yellow-to-White Photoluminescence by Variation of Excitation Light. Journal of the American Chemical Society, 2009, 131, 13572-13573.	13.7	454
2	Inorganicâ€“organic hybrid photochromic materials. Chemical Communications, 2010, 46, 361-376.	4.1	403
3	Recent achievements on middle and far-infrared second-order nonlinear optical materials. Coordination Chemistry Reviews, 2017, 335, 44-57.	18.8	344
4	Photochromism of a Methyl Viologen Bismuth(III) Chloride: Structural Variation Before and After UV Irradiation. Angewandte Chemie - International Edition, 2007, 46, 3249-3251.	13.8	331
5	Two phases of Ga2S3: promising infrared second-order nonlinear optical materials with very high laser induced damage thresholds. Journal of Materials Chemistry C, 2013, 1, 4754.	5.5	243
6	Photoswitching CO₂ Capture and Release in a Photochromic Diarylethene Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 9298-9301.	13.8	238
7	Design Strategy for Improving Optical and Electrical Properties and Stability of Lead-Halide Semiconductors. Journal of the American Chemical Society, 2018, 140, 2805-2811.	13.7	210
8	High-Performance and Long-Lived Cu/SiO₂ Nanocatalyst for CO₂ Hydrogenation. ACS Catalysis, 2015, 5, 4255-4259.	11.2	200
9	Wavelengthâ€Dependent Photochromic Inorganicâ€“Organic Hybrid Based on a 3D Iodoplumbate Openâ€Framework Material. Angewandte Chemie - International Edition, 2008, 47, 4149-4152.	13.8	191
10	Second-order nonlinear optical crystals with mixed anions. Coordination Chemistry Reviews, 2018, 374, 464-496.	18.8	190
11	A Methylthioâ€Functionalizedâ€MOF Photocatalyst with High Performance for Visibleâ€Lightâ€Driven H₂ Evolution. Angewandte Chemie - International Edition, 2018, 57, 9864-9869.	13.8	188
12	Improved Photochromic Properties on Viologen-Based Inorganicâ€“Organic Hybrids by Using Ï€-Conjugated Substituents as Electron Donors and Stabilizers. Inorganic Chemistry, 2013, 52, 1199-1205.	4.0	183
13	[ABa₂Cl][Ga₄S₈] (A = Rb, Cs): Wide-Spectrum Nonlinear Optical Materials Obtained by Polycation-Substitution-Induced Nonlinear Optical (NLO)-Functional Motif Ordering. Journal of the American Chemical Society, 2020, 142, 10641-10645.	13.7	180
14	Semiconductive 3-D haloplumbate framework hybrids with high color rendering index white-light emission. Chemical Science, 2015, 6, 7222-7226.	7.4	172
15	A White-Light-Emitting Borate-Based Inorganicâ€“Organic Hybrid Open Framework. Angewandte Chemie - International Edition, 2007, 46, 3909-3911.	13.8	171
16	A Roomâ€Temperature Xâ€rayâ€Induced Photochromic Material for Xâ€ray Detection. Angewandte Chemie - International Edition, 2012, 51, 3432-3435.	13.8	170
17	[A₃X][Ga₃PS₈] (A = K, Rb; X = Cl, Br): promising IR non-linear optical materials exhibiting concurrently strong second-harmonic generation and high laser induced damage thresholds. Chemical Science, 2016, 7, 6273-6277.	7.4	167
18	Electronâ€Transfer Photochromism To Switch Bulk Secondâ€Order Nonlinear Optical Properties with High Contrast. Angewandte Chemie - International Edition, 2014, 53, 11529-11531.	13.8	157

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19	Significant Enhancement of C₂H₂/C₂H₄ Separation by a Photochromic Diarylethene Unit: A Temperatureâ€•and Lightâ€Responsive Separation Switch. Angewandte Chemie - International Edition, 2017, 56, 7900-7906.	13.8	145
20	Large Second Harmonic Generation (SHG) Effect and High Laserâ€Induced Damage Threshold (LIDT) Observed Coexisting in Gallium Selenide. Angewandte Chemie - International Edition, 2019, 58, 8087-8091.	13.8	145
21	Photochromic Hybrid Containing In Situ-Generated Benzyl Viologen and Novel Trinuclear [Bi₃Cl₁₄]^{5â€“}: Improved Photoresponsive Behavior by the Ï€Â·Â·Â·Ï€ Interactions and Size Effect of Inorganic Oligomer. Inorganic Chemistry, 2014, 53, 5538-5545.	4.0	139
22	High-Performance and Long-Lived Pd Nanocatalyst Directed by Shape Effect for CO Oxidative Coupling to Dimethyl Oxalate. ACS Catalysis, 2013, 3, 118-122.	11.2	138
23	Photochromism and Photomagnetism of a 3dâ€“4f Hexacyanoferrate at Room Temperature. Journal of the American Chemical Society, 2015, 137, 10882-10885.	13.7	135
24	Conductance Switch of a Bromoplumbate Bistable Semiconductor by Electronâ€Transfer Thermochromism. Angewandte Chemie - International Edition, 2017, 56, 554-558.	13.8	131
25	Review on the synthesis of dimethyl carbonate. Catalysis Today, 2018, 316, 2-12.	4.4	124
26	Photochromism of a 3D Cd^{II} Complex with Two Captured Ligand Isomers Generated In Situ from the Same Precursor. Angewandte Chemie - International Edition, 2008, 47, 3565-3567.	13.8	121
27	Screw-like PdPt nanowires as highly efficient electrocatalysts for methanol and ethylene glycol oxidation. Journal of Materials Chemistry A, 2018, 6, 2327-2336.	10.3	117
28	Li[LiCs₂Cl][Ga₃S₆]: A Nanoporous Framework of GaS₄ Tetrahedra with Excellent Nonlinear Optical Performance. Angewandte Chemie - International Edition, 2020, 59, 4856-4859.	13.8	117
29	Photochromic Metal Complexes of N-Methyl-4,4â€²-Bipyridinium: Mechanism and Influence of Halogen Atoms. Inorganic Chemistry, 2012, 51, 4015-4019.	4.0	116
30	Rare electron-transfer photochromic and thermochromic difunctional compounds. Journal of Materials Chemistry C, 2015, 3, 253-256.	5.5	115
31	Inorganic Supramolecular Compounds with 3-D Chiral Frameworks Show Potential as Both Mid-IR Second-Order Nonlinear Optical and Piezoelectric Materials. Journal of the American Chemical Society, 2011, 133, 3410-3418.	13.7	114
32	A Series of New Infrared NLO Semiconductors, ZnY₆Si₂S₁₄, Al_xDy₃(Si_yAl_{1â^'y})S₇, and Al_{0.33}Sm₃SiS₇. Inorganic Chemistry, 2009, 48, 7059-7065.	4.0	110
33	An inorganicâ€“organic hybrid photochromic material with fast response to hard and soft X-rays at room temperature. Chemical Communications, 2018, 54, 4525-4528.	4.1	108
34	Second-order nonlinear optical switching with a record-high contrast for a photochromic and thermochromic bistable crystal. Chemical Science, 2017, 8, 7751-7757.	7.4	104
35	New strategy for designing promising mid-infrared nonlinear optical materials: narrowing the band gap for large nonlinear optical efficiencies and reducing the thermal effect for a high laser-induced damage threshold. Chemical Science, 2018, 9, 5700-5708.	7.4	104
36	A Fully Encapsulated Acetylenediide in Ag2C2â‹…8 AgF. Angewandte Chemie - International Edition, 1998, 37, 630-632.	13.8	101

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37	Semiconductive Nanotube Array Constructed from Giant [Pb^{II}₁₈I₅₄(I₂)₉] Wheel Clusters. Angewandte Chemie - International Edition, 2016, 55, 514-518.	13.8	98
38	Inorganicâ€"organic hybrid white light phosphors. Chemical Communications, 2016, 52, 13194-13204.	4.1	97
39	Novel 3-D PtS-like Tetrazolate-Bridged Manganese(II) Complex Exhibiting Spin-Canted Antiferromagnetism and Field-Induced Spin-Flop Transition. Inorganic Chemistry, 2008, 47, 8935-8942.	4.0	95
40	Coordination Polymerization of Metal Azides and Powerful Nitrogen-Rich Ligand toward Primary Explosives with Excellent Energetic Performances. Chemistry of Materials, 2017, 29, 9725-9733.	6.7	92
41	Gold catalyzed hydrogenations of small imines and nitriles: enhanced reactivity of Au surface toward H₂via collaboration with a Lewis base. Chemical Science, 2014, 5, 1082-1090.	7.4	91
42	High proton conduction in an excellent water-stable gadolinium metalâ€"organic framework. Chemical Communications, 2019, 55, 1241-1244.	4.1	88
43	Directed self-assembly of viologen-based 2D semiconductors with intrinsic UVâ€"SWIR photoresponse after photo/thermo activation. Nature Communications, 2020, 11, 1179.	12.8	88
44	Ambient-pressure synthesis of ethylene glycol catalyzed by C ₆₀ -buffered Cu/SiO ₂. Science, 2022, 376, 288-292.	12.6	88
45	Design and Syntheses of Electron-Transfer Photochromic Metalâ€"Organic Complexes Using Nonphotochromic Ligands: A Model Compound and the Roles of Its Ligands. Inorganic Chemistry, 2014, 53, 847-851.	4.0	84
46	Enhanced Stability of Pd/ZnO Catalyst for CO Oxidative Coupling to Dimethyl Oxalate: Effect of Mg²⁺ Doping. ACS Catalysis, 2015, 5, 4410-4417.	11.2	84
47	Superpolyhedron-Built Second Harmonic Generation Materials Exhibit Large Mid-Infrared Conversion Efficiencies and High Laser-Induced Damage Thresholds. Chemistry of Materials, 2017, 29, 1796-1804.	6.7	84
48	Controlled Photoinduced Generation of â€œVisualâ€•Partially and Fully Charge Separated States in Viologen Analogues. Journal of the American Chemical Society, 2021, 143, 2232-2238.	13.7	83
49	A New Type of Hybrid Magnetic Semiconductor Based upon Polymeric Iodoplumbate and Metalâ^'Organic Complexes as Templates. Inorganic Chemistry, 2006, 45, 1972-1977.	4.0	81
50	A facile approach to hexanary chalcogenoborate featuring a 3-D chiral honeycomb-like open-framework constructed from rare-earth consolidating thiogallate-closo-dodecaborate. Chemical Communications, 2009, , 4366.	4.1	81
51	Syntheses, Structures, and Nonlinear-Optical Properties of Metal Sulfides Ba₂Ga₈MS₁₆ (M = Si, Ge). Inorganic Chemistry, 2015, 54, 976-981.	4.0	80
52	Highly Anisotropic and Water Molecule-Dependent Proton Conductivity in a 2D Homochiral Copper(II) Metalâ€"Organic Framework. Chemistry of Materials, 2017, 29, 2321-2331.	6.7	77
53	Oxychalcogenide BaGeOSe₂: Highly Distorted Mixed-Anion Building Units Leading to a Large Second-Harmonic Generation Response. Chemistry of Materials, 2015, 27, 8189-8192.	6.7	74
54	Homochiral Zinc(II) Coordination Compounds Based on In-Situ-Generated Chiral Amino Acidâ€"Tetrazole Ligands: Circular Dichroism, Excitation Light-Induced Tunable Photoluminescence, and Energetic Performance. Inorganic Chemistry, 2013, 52, 10096-10104.	4.0	70

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55	The Large Secondâ€Harmonic Generation of LiCs₂PO₄ is caused by the Metalâ€Cationâ€Centered Groups. Angewandte Chemie - International Edition, 2018, 57, 3933-3937.	13.8	70
56	Novel Cyanide Coordination Models in Layer-Type Hydrated Double Salts of AgCN and AgF. Angewandte Chemie - International Edition, 1998, 37, 3183-3186.	13.8	68
57	Ln3GaS6 (Ln = Dy, Y): new infrared nonlinear optical materials with high laser induced damage thresholds. Dalton Transactions, 2013, 42, 14223.	3.3	63
58	A Smart Photochromic Semiconductor: Breaking the Intrinsic Positive Relation Between Conductance and Temperature. Angewandte Chemie - International Edition, 2019, 58, 9475-9478.	13.8	58
59	Photoinduced Electronâ€Transfer (PIET) Strategy for Selective Adsorption of CO₂ over C₂H₂ in a MOF. Angewandte Chemie - International Edition, 2021, 60, 18223-18230.	13.8	56
60	Single-component small-molecule white light organic phosphors. Chemical Communications, 2017, 53, 9269-9272.	4.1	55
61	An ultra-low Pd loading nanocatalyst with high activity and stability for CO oxidative coupling to dimethyl oxalate. Chemical Communications, 2013, 49, 5718.	4.1	54
62	Energy-dependent photochromism at room temperature for visually detecting and distinguishing X-rays. Chemical Communications, 2018, 54, 12349-12352.	4.1	54
63	Material research from the viewpoint of functional motifs. National Science Review, 2022, 9, .	9.5	54
64	Lewis acid sites in MOFs supports promoting the catalytic activity and selectivity for CO esterification to dimethyl carbonate. Catalysis Science and Technology, 2020, 10, 1699-1707.	4.1	53
65	MgO: an excellent catalyst support for CO oxidative coupling to dimethyl oxalate. Catalysis Science and Technology, 2014, 4, 1925-1930.	4.1	52
66	SrCdSnQ₄ (Q = S and Se): infrared nonlinear optical chalcogenides with mixed NLO-active and synergetic distorted motifs. Journal of Materials Chemistry C, 2019, 7, 4459-4465.	5.5	52
67	Crystal structures and optical properties of iodoplumbates hybrids templated by in situ synthesized 1,4-diazabicyclo[2.2.2]octane derivatives. CrystEngComm, 2013, 15, 10399.	2.6	50
68	Influence of Supramolecular Interactions on Electron-Transfer Photochromism of the Crystalline Adducts of 4,4â€²-Bipyridine and Carboxylic Acids. Crystal Growth and Design, 2014, 14, 2527-2531.	3.0	50
69	Syntheses, Structures, and Nonlinear Optical Properties of Two Sulfides Na₂In₂MS₆ (M = Si, Ge). Inorganic Chemistry, 2016, 55, 1480-1485.	4.0	50
70	Large Crystal Growth and New Crystal Exploration of Mid-Infrared Second-Order Nonlinear Optical Materials. Structure and Bonding, 2012, , 1-43.	1.0	49
71	Tetrazoleâ€"Viologen-based Flexible Microporous Metalâ€"Organic Framework with High CO₂ Selective Uptake. Inorganic Chemistry, 2016, 55, 7335-7340.	4.0	48
72	Substitution of Nitrogen-Rich Linkers with Insensitive Linkers in Azide-Based Energetic Coordination Polymers toward Safe Energetic Materials. Crystal Growth and Design, 2019, 19, 3934-3944.	3.0	48

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73	Zinc(II) and Cadmium(II) Coordination Polymers Based on 3â€(5Hâ€Tetrazolyl)benzoate Ligand with Different Coordination Modes: Hydrothermal Syntheses, Crystal Structures and Ligandâ€Centered Luminescence. European Journal of Inorganic Chemistry, 2010, 2010, 4982-4991.	2.0	47
74	Large Second-Harmonic Generation Responses Achieved by the Dimeric [Ge₂Se₄(Î¼-Se₂)]^{4â€“} Functional Motif in Polar Polyselenides A₄Ge₄Se₁₂ (A = Rb, Cs). Chemistry of Materials, 2017, 29, 9200-9207.	6.7	47
75	Stabilizing and color tuning pyrazine radicals by coordination for photochromism. Chemical Communications, 2016, 52, 7947-7949.	4.1	45
76	Efficient X-ray scintillating lead(<scp>ii</scp>)-based MOFs derived from rigid luminescent naphthalene motifs. Dalton Transactions, 2019, 48, 1722-1731.	3.3	45
77	Significant enhancement of conductance of a hybrid layered molybdate semiconductor by light or heat. Chemical Communications, 2018, 54, 14077-14080.	4.1	43
78	Computational Evidence for Lewis Base-Promoted CO₂ Hydrogenation to Formic Acid on Gold Surfaces. ACS Catalysis, 2017, 7, 4519-4526.	11.2	42
79	Phase Matching Achieved by Bandgap Widening in Infrared Nonlinear Optical Materials [ABa ₃ Cl ₂][Ga ₅ S ₁₀] (A= K, Rb, and Cs). CCS Chemistry, 2021, 3, 964-973.	7.8	42
80	Aî¼-1,1,1,3,3,3 Azide Anion inside a Trigonal Prism of Silver Centers. Angewandte Chemie - International Edition, 1998, 37, 3268-3270.	13.8	40
81	Strong Infrared Nonlinear Optical Efficiency and High Laser Damage Threshold Realized in Quaternary Alkali Metal Sulfides Na₂Ga₂MS₆ (M = Ge, Sn) Containing Mixed Nonlinear Optically Active Motifs. Inorganic Chemistry, 2018, 57, 6783-6786.	4.0	40
82	An Azole-Based Metalâ€“Organic Framework toward Direct White-Light Emissions by the Synergism of Ligand-Centered Charge Transfer and Interligand Ï€â€“Ï€ Interactions. Crystal Growth and Design, 2016, 16, 3969-3975.	3.0	39
83	Synthesis, crystal structure and second-order nonlinear optical property of a novel pentanary selenide (K₃I)[InB₁₂(InSe₄)₃]. Dalton Transactions, 2016, 45, 10459-10465.	3.3	39
84	Phase Transition and Second Harmonic Generation in Thiophosphates Ag₂Cd(P₂S₆) and AgCd₃(PS₄)S₂ Containing Two Second-Order Jahnâ€“Teller Distorted Cations. Inorganic Chemistry, 2017, 56, 114-124.	4.0	39
85	Hydrothermal syntheses, crystal structures and physical properties of a new family of energetic coordination polymers with nitrogen-rich ligand N-[2-(1H-tetrazol-5-yl)ethyl]glycine. CrystEngComm, 2013, 15, 2616.	2.6	38
86	Large Second Harmonic Generation (SHG) Effect and High Laserâ€Induced Damage Threshold (LIDT) Observed Coexisting in Gallium Selenide. Angewandte Chemie, 2019, 131, 8171-8175.	2.0	37
87	Synthesis of High-Performance and High-Stability Pd(II)/NaY Catalyst for CO Direct Selective Conversion to Dimethyl Carbonate by Rational Design. ACS Catalysis, 2019, 9, 3595-3603.	11.2	37
88	Modulating Fading Time of Photochromic Compounds by Molecular Design for Erasable Inkless Printing and Anti-counterfeiting. Crystal Growth and Design, 2021, 21, 1323-1328.	3.0	37
89	A new photochromic Gd-MOF with photoswitchable bluish-white to greenish-yellow emission based on electron transfer. Chemical Communications, 2020, 56, 14689-14692.	4.1	36
90	Energetic azide-based coordination polymers: Sensitivity tuning through diverse structural motifs. Chemical Engineering Journal, 2020, 390, 124587.	12.7	36

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91	Oxygen vacancies enriched Bi based catalysts for enhancing electrocatalytic CO2 reduction to formate. Electrochimica Acta, 2021, 367, 137478.	5.2	36
92	Sensitive X-ray detection and imaging by a scintillating Lead(II)-based Metal-Organic framework. Chemical Engineering Journal, 2022, 430, 133010.	12.7	36
93	Reversible Single-Crystal-to-Single-Crystal Transformation and Magnetic Change of Nonporous Copper(II) Complexes by the Chemisorption/Desorption of HCl and H₂O. Inorganic Chemistry, 2017, 56, 1036-1040.	4.0	35
94	Li[LiCs₂Cl][Ga₃S₆]: A Nanoporous Framework of GaS₄ Tetrahedra with Excellent Nonlinear Optical Performance. Angewandte Chemie, 2020, 132, 4886-4889.	2.0	35
95	Structure refinement and Raman spectrum of silver azide. Journal of Chemical Crystallography, 1999, 29, 561-564.	1.1	34
96	One-step electrochemical synthesis of preferentially oriented (111) Pd nanocrystals supported on graphene nanoplatelets for formic acid electrooxidation. Journal of Power Sources, 2015, 282, 471-478.	7.8	33
97	Grinding size-dependent mechanoresponsive luminescent Cd(<scp>ii</scp>) coordination polymer. Dalton Transactions, 2016, 45, 18074-18078.	3.3	31
98	A novel inorganicâ€"organic hybrid for detection of nitrite anions with extremely high sensitivity and selectivity. Journal of Materials Chemistry, 2012, 22, 16742.	6.7	30
99	Two New Coordination Compounds with a Photoactive Pyridinium-Based Inner Salt: Influence of Coordination on Photochromism. Crystal Growth and Design, 2016, 16, 3709-3715.	3.0	30
100	An electron-transfer photochromic metalâ€"organic framework (MOF) compound with a long-lived charge-separated state and high-contrast photoswitchable luminescence. RSC Advances, 2016, 6, 24190-24194.	3.6	30
101	BaMnSnS₄ and BaCdGeS₄: infrared nonlinear optical sulfides containing highly distorted motifs with centers of moderate electronegativity. Inorganic Chemistry Frontiers, 2019, 6, 2365-2368.	6.0	30
102	2,4,6â€Tri(4â€pyridyl)â€1,3,5â€triazine: Photoinduced Charge Separation and Photochromism in the Crystalline State. Chemistry - A European Journal, 2019, 25, 13972-13976.	3.3	30
103	Heat-resistant Pb(<scp>ii</scp>)-based X-ray scintillating metalâ€"organic frameworks for sensitive dosage detection via an aggregation-induced luminescent chromophore. Dalton Transactions, 2020, 49, 7309-7314.	3.3	30
104	A new sensitive structural motif inlaying the azides and tetrazole-based rigid 3D energetic MOFs: Highly sensitive primary explosives with excellent thermal stability. Chemical Engineering Journal, 2022, 429, 132451.	12.7	30
105	Active Pd(<scp>ii</scp>) complexes: enhancing catalytic activity by ligand effect for carbonylation of methyl nitrite to dimethyl carbonate. Catalysis Science and Technology, 2017, 7, 3785-3790.	4.1	29
106	Strong SHG Response via High Orientation of Tetrahedral Functional Motifs in Polyselenide A₂Ge₄Se₁₀ (A = Rb, Cs). Advanced Optical Materials, 2018, 6, 1800156.	7.3	29
107	CO direct esterification to dimethyl oxalate and dimethyl carbonate: the key functional motifs for catalytic selectivity. Nanoscale, 2020, 12, 20131-20140.	5.6	29
108	Photochromic Semiconductive Hydrogen-Bonded Organic Framework (HOF) with Broadband Absorption. ACS Applied Materials & Interfaces, 2022, 14, 11619-11625.	8.0	29

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109	CeO_{2â^'x} quantum dots with massive oxygen vacancies as efficient catalysts for the synthesis of dimethyl carbonate. Chemical Communications, 2020, 56, 403-406.	4.1	28
110	Nâ€Methylâ€4â€pyridinium Tetrazolate Zwitterionâ€Based Photochromic Materials. Chemistry - A European Journal, 2017, 23, 7414-7417.	3.3	27
111	Significant enhancement of cathode-ray scintillation for a conductive Bi-SMOF via in situ partial rare earth ion replacement. Journal of Materials Chemistry C, 2019, 7, 11099-11103.	5.5	27
112	Tetraalkylammonium cations as templates in the construction of two cadmium(<scp>ii</scp>) metalâ€"organic frameworks. CrystEngComm, 2013, 15, 903-910.	2.6	26
113	Uncovering a Functional Motif of Nonlinear Optical Materials by In Situ Electron Density and Wavefunction Studies Under Laser Irradiation. Angewandte Chemie - International Edition, 2021, 60, 11799-11803.	13.8	26
114	Photoresponsive triazole-based donorâ€"acceptor molecules: color change and heat/air-stable diradicals. Journal of Materials Chemistry C, 2019, 7, 3100-3104.	5.5	25
115	Strong nonlinear optical effect attained by atom-response-theory aided design in the Na₂M^{II}MIV2Q₆ (M^{II} = Zn, Cd; M^{IV} = Ge, Sn;) Tj ETQq1 1 0.784314 rgBT	5.5	25
116	AMnAs₃S₆ (A = Cs, Rb): Phase-Matchable Infrared Nonlinear Optical Functional Motif [As₃S₆]^{3â€"} Obtained via Surfactantâ€"Thermal Method. ACS Applied Materials & Interfaces, 2020, 12, 53950-53956.	8.0	25
117	Viologen-based photochromic coordination compounds for inkless and erasable prints. Dyes and Pigments, 2021, 185, 108888.	3.7	25
118	(Pdâ€"CuCl₂)/Î³-Al₂O₃: a high-performance catalyst for carbonylation of methyl nitrite to dimethyl carbonate. Catalysis Science and Technology, 2015, 5, 3333-3339.	4.1	24
119	A Methylthioâ€Functionalizedâ€MOF Photocatalyst with High Performance for Visibleâ€Lightâ€Driven H₂ Evolution. Angewandte Chemie, 2018, 130, 10012-10017.	2.0	24
120	Broadband Photoresponsive Bismuth Halide Hybrid Semiconductors Built with Ï€-Stacked Photoactive Polycyclic Viologen. Inorganic Chemistry, 2021, 60, 5538-5544.	4.0	24
121	Crystal structures and visible-light excited photoluminescence of N-methyl-4,4â€²-bipyridinium chloride and its Zn(II) and Cd(II) complexes. Inorganic Chemistry Communication, 2010, 13, 1021-1024.	3.9	23
122	Diplex single-crystal-to-single-crystal transformation by different inducement. CrystEngComm, 2013, 15, 2579.	2.6	23
123	Constructing semiconductive crystalline microporous materials by Coulomb interactions. Journal of Materials Chemistry A, 2017, 5, 18409-18413.	10.3	23
124	ASb₅S₈ (A = K, Rb, and Cs): Thermal Switching of Infrared Nonlinear Optical Properties across the Crystal/Glass Transformation. Chemistry of Materials, 2021, 33, 3729-3735.	6.7	23
125	Superior Infrared Nonlinear Optical Performance Achieved by Synergetic Functional Motif and Vacancy Site Modulations. Chemistry of Materials, 2021, 33, 8831-8837.	6.7	23
126	Optimizing the Nonlinear Optical Performance of an A-N-M-Q (A: Alkali Metal; N: d¹⁰) Tj ETQq0 0 0 rgBT /Overlock 1 4352-4359.	8.0	23

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127	Significant Enhancement of C₂H₂/C₂H₄ Separation by a Photochromic Diarylethene Unit: A Temperatureâ€•and Lightâ€Responsive Separation Switch. Angewandte Chemie, 2017, 129, 8008-8014.	2.0	22
128	Covalently Bonded Pillared Layered Bromoplumbate with High Thermal Stability: High Capacitance Gain after Photoinduced Electron Transfer. ACS Applied Materials & Interfaces, 2019, 11, 30713-30718.	8.0	22
129	Semiconducting crystalline inorganicâ€“organic hybrid metal halide nanochains. Nanoscale, 2020, 12, 4771-4789.	5.6	22
130	Boosting Interfacial Electron Transfer between Pd and ZnTi-LDH via Defect Induction for Enhanced Metalâ€“Support Interaction in CO Direct Esterification Reaction. ACS Applied Materials & Interfaces, 2021, 13, 24856-24864.	8.0	22
131	Balanced infrared nonlinear optical performance achieved by modulating the covalency and ionicity distributions in the electron localization function map. Materials Horizons, 2021, 8, 3394-3398.	12.2	22
132	Insight into composition evolution in the synthesis of high-performance Cu/SiO₂ catalysts for CO₂ hydrogenation. RSC Advances, 2016, 6, 25185-25190.	3.6	21
133	Thiophosphates Containing Ag⁺ and Lone-Pair Cations with Interchiral Double Helix Show Both Ionic Conductivity and Phase Transition. Inorganic Chemistry, 2017, 56, 962-973.	4.0	21
134	Broad transparency and wide band gap achieved in a magnetic infrared nonlinear optical chalcogenide by suppressing dâ€“d transitions. Materials Horizons, 2022, 9, 1513-1517.	12.2	21
135	Fluorescence and photochromic properties of a series of new Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination compounds with a flexible semi-rigid tetrazoleâ€“viologen derivative. CrystEngComm, 2016, 18, 2524-2531.	2.6	20
136	Nitrogen-Rich Tetranuclear Metal Complex as a New Structural Motif for Energetic Materials. ACS Omega, 2017, 2, 346-352.	3.5	20
137	Photoinduced magnetic phase transition and remarkable enhancement of magnetization for a photochromic single-molecule magnet. Journal of Materials Chemistry C, 2021, 9, 2231-2235.	5.5	20
138	Reusable radiochromic semiconductive MOF for dual-mode X-ray detection using color change and electric signal. Chemical Engineering Journal, 2022, 437, 135468.	12.7	20
139	Solvothermal Synthesis of a New Mixed-Metal Polysulfide Cluster, [Me4N]3[MoS4Cu3(S5)2]. Inorganic Chemistry, 1997, 36, 2475-2477.	4.0	18
140	The Large Secondâ€Harmonic Generation of LiCs₂PO₄ is caused by the Metalâ€Cationâ€Centered Groups. Angewandte Chemie, 2018, 130, 3997-4001.	2.0	18
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