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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

422 papers	25,454 citations	74 h-index	145 g-index
429 ext. papers	27,708 ext. citations	6.4 avg, IF	6.63 L-index

#	Paper	IF	Citations
422	A chemically functionalizable nanoporous material. <i>Science</i> , 1999 , 283, 1148-50	33.3	4614
421	Synthesis, Light Emission, Nanoaggregation, and Restricted Intramolecular Rotation of 1,1-Substituted 2,3,4,5-Tetraphenylsiloles. <i>Chemistry of Materials</i> , 2003 , 15, 1535-1546	9.6	983
420	Ruthenium-catalyzed cycloaddition of alkynes and organic azides. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15998-9	16.4	865
419	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 15845-15853	3.8	699
418	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. <i>Advanced Materials</i> , 2013 , 25, 2837-43	24	366
417	Switching the light emission of (4-biphenyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. <i>Chemical Communications</i> , 2007 , 40-2	5.8	345
416	Structural control of the photoluminescence of silole regioisomers and their utility as sensitive regiodiscriminating chemosensors and efficient electroluminescent materials. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 10061-6	3.4	336
415	Solvothermal Synthesis of a Stable Coordination Polymer with Copper-I-Copper-II Dimer Units: [Cu ₄ {1,4-C ₆ H ₄ (COO) ₂ } ₃ (4,4'-bipy) ₂] _n . <i>Journal of the American Chemical Society</i> , 2000 , 122, 6293-6294	16.4	335
414	Functionalized Siloles: Versatile Synthesis, Aggregation-Induced Emission, and Sensory and Device Applications. <i>Advanced Functional Materials</i> , 2009 , 19, 905-917	15.6	300
413	Protein detection and quantitation by tetraphenylethene-based fluorescent probes with aggregation-induced emission characteristics. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 11817-23	3.4	290
412	Aggregation-induced and crystallization-enhanced emissions of 1,2-diphenyl-3,4-bis(diphenylmethylene)-1-cyclobutene. <i>Chemical Communications</i> , 2007 , 3255-7	5.8	238
411	Aggregation-Induced Emission: Effects of Molecular Structure, Solid-State Conformation, and Morphological Packing Arrangement on Light-Emitting Behaviors of Diphenyldibenzofulvene Derivatives. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 2287-2294	3.8	237
410	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018 , 28, 1800051	15.6	209
409	Structure and chemistry of the complex tetrakis(eta-5-pentamethylcyclopentadienyl)tetrakis(mu-3-chloro)tetra-ruthenium(II): a useful precursor to (pentamethylcyclopentadienyl)ruthenium(0), -(II), and -(IV) complexes. <i>Organometallics</i> , 1990 , 9, 1843-1852	3.8	207
408	Bright Near-Infrared Aggregation-Induced Emission Luminogens with Strong Two-Photon Absorption, Excellent Organelle Specificity, and Efficient Photodynamic Therapy Potential. <i>ACS Nano</i> , 2018 , 12, 8145-8159	16.7	199
407	Structural modulation of solid-state emission of 2,5-bis(trialkylsilyl)ethynyl-3,4-diphenylsiloles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7608-11	16.4	197
406	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. <i>Chemical Science</i> , 2011 , 2, 672-675	9.4	192

405	Defluorination of perfluoroolefins by divalent lanthanoid reagents: activating carbon-fluorine bonds. <i>Organometallics</i> , 1990 , 9, 1999-2009	3.8	191
404	Efficient Light Emitters in the Solid State: Synthesis, Aggregation-Induced Emission, Electroluminescence, and Sensory Properties of Luminogens with Benzene Cores and Multiple Triarylviny Peripherals. <i>Advanced Functional Materials</i> , 2012 , 22, 378-389	15.6	189
403	Pyrene-substituted ethenes: aggregation-enhanced excimer emission and highly efficient electroluminescence. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7210		189
402	Benzothiazolium-functionalized tetraphenylethene: an AIE luminogen with tunable solid-state emission. <i>Chemical Communications</i> , 2012 , 48, 8637-9	5.8	184
401	Fluorescent pH sensor constructed from a heteroatom-containing luminogen with tunable AIE and ICT characteristics. <i>Chemical Science</i> , 2013 , 4, 3725	9.4	177
400	Hyperbranched Poly(phenylenesilolene)s: Synthesis, Thermal Stability, Electronic Conjugation, Optical Power Limiting, and Cooling-Enhanced Light Emission. <i>Macromolecules</i> , 2003 , 36, 4319-4327	5.5	176
399	Three coordinate phosphorus and boron as donor and acceptor moieties respectively, in conjugated organic molecules for nonlinear optics: crystal and molecular structures of E-Ph ₂ CHCHB(mes) ₂ , E-4-MeOC ₆ H ₄ CHCH-B(mes) ₂ , and E-Ph ₂ PCHCHB(mes) ₂ [mes = 2,4,6-Me ₃ C ₆ H ₂]. <i>Journal of the Chemical Society, Chemical Communications</i> , 1990 , 1489-1492		171
398	Synthesis and second-order nonlinear optical properties of three coordinate organoboranes with diphenylphosphino and ferrocenyl groups as electron donors: crystal and molecular structures of (E)-D ⁺ CH ⁺ CH ⁺ B(mes) ₂ and D ⁺ C ⁺ C ⁺ B(mes) ₂ [D ⁺ = P(C ₆ H ₅) ₂ , (C ₅ H ₅)Fe(C ₅ H ₄); mes = 2,4,6-(CH ₃) ₃ C ₆ H ₂]. <i>Journal of Organometallic Chemistry</i> , 1993 , 449, 27-37	2.3	165
397	Click Polymerization: Facile Synthesis of Functional Poly(aroyltriazole)s by Metal-Free, Regioselective 1,3-Dipolar Polycycloaddition. <i>Macromolecules</i> , 2007 , 40, 2308-2317	5.5	163
396	Fluorescent bioprobes: structural matching in the docking processes of aggregation-induced emission fluorogens on DNA surfaces. <i>Chemistry - A European Journal</i> , 2010 , 16, 1232-45	4.8	154
395	Tunable aggregation-induced emission of diphenyldibenzofulvenes. <i>Chemical Communications</i> , 2006 , 1133-5	5.8	147
394	Boryliridium and boraethyliridium complexes fac-[IrH ₂ (PMe ₃) ₃ (BRR')] and fac-[IrH(PMe ₃) ₃ (.eta.2-CH ₂ BHRR')]. <i>Journal of the American Chemical Society</i> , 1990 , 112, 9399-9400	16.4	135
393	Multiple yet Controllable Photoswitching in a Single AIEgen System. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1966-1975	16.4	133
392	Towards high efficiency solid emitters with aggregation-induced emission and electron-transport characteristics. <i>Chemical Communications</i> , 2011 , 47, 11216-8	5.8	131
391	Why Do Simple Molecules with "Isolated" Phenyl Rings Emit Visible Light?. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16264-16272	16.4	130
390	Facile Synthesis of Red/NIR AIE Luminogens with Simple Structures, Bright Emissions, and High Photostabilities, and Their Applications for Specific Imaging of Lipid Droplets and Image-Guided Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1704039	15.6	129
389	Controlled hydrothermal growth and up-conversion emission of NaLnF(4) (Ln = Y, Dy-Yb). <i>Inorganic Chemistry</i> , 2007 , 46, 5404-10	5.1	127
388	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10541-10547	3.8	125

- 387 Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. *Advanced Functional Materials*, **2014**, 24, 3621-3630 15.6 118
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- 359 Syntheses of metallabenzynes from an allenylcarbene complex. *Journal of the American Chemical Society*, **2005**, 127, 2856-7 16.4 84
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- 357 Time-Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIE-Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. *Angewandte Chemie - International Edition*, **2020**, 59, 9470-9477 16.4 83
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- 352 Aggregation-Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. *Advanced Materials*, **2019**, 31, e1904799 24 77

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332	Making silole photovoltaically active by attaching carbazolyl donor groups to the silolyl acceptor core. <i>Chemical Communications</i> , 2005 , 3583-5	5.8	63
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330	Higher coordinate complexes. 23. Reductive coupling of carbon monoxide ligands to form coordinated bis(trimethylsiloxy)ethyne in seven-coordinate niobium(II) and tantalum(II) [M(CO) ₂ (dmpe) ₂ Cl] complexes. <i>Organometallics</i> , 1987 , 6, 1968-1977	3.8	62
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327	Reductive coupling of two carbon monoxide ligands to form a coordinated alkyne. <i>Journal of the American Chemical Society</i> , 1986 , 108, 311-313	16.4	61
326	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4536-4540	16.4	60
325	Synthesis of Imidazole-Based AIEgens with Wide Color Tunability and Exploration of their Biological Applications. <i>Advanced Functional Materials</i> , 2016 , 26, 824-832	15.6	60
324	An Easily Accessible Ionic Aggregation-Induced Emission Luminogen with Hydrogen-Bonding-Switchable Emission and Wash-Free Imaging Ability. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5011-5015	16.4	59
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322	Tunable Thickness and Photoluminescence of Bipyramidal Hexagonal NaYF ₄ Microdisks. <i>Chemistry of Materials</i> , 2009 , 21, 160-168	9.6	59
321	Cytotoxic diterpenoids from the roots of <i>Euphorbia ebracteolata</i> . <i>Planta Medica</i> , 2005 , 71, 349-54	3.1	59
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317	Ferrocene-Functionalized Hyperbranched Polyphenylenes: Synthesis, Redox Activity, Light Refraction, Transition-Metal Complexation, and Precursors to Magnetic Ceramics. <i>Macromolecules</i> , 2010 , 43, 680-690	5.5	57
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314	Diterpenes and aromatic compounds from <i>Euphorbia fischeriana</i> . <i>Phytochemistry</i> , 1999 , 52, 117-121	4	57
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310	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9293-9298	16.4	55
309	Highly Emissive AIEgens with Multiple Functions: Facile Synthesis, Chromism, Specific Lipid Droplet Imaging, Apoptosis Monitoring, and In Vivo Imaging. <i>Chemistry of Materials</i> , 2018 , 30, 7892-7901	9.6	53
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305	Perovskite hollow cubes: morphological control, three-dimensional twinning and intensely enhanced photoluminescence. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3543		51
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302	Synthetic, structural, and bonding studies of phosphido-bridged early-late transition-metal heterobimetallic complexes. <i>Organometallics</i> , 1990 , 9, 2357-2367	3.8	50
301	Catalytic enantioselective intermolecular desymmetrization of azetidines. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5895-8	16.4	49
300	Physical stability vs. chemical lability in microporous metal coordination polymers: a comparison of [Cu(OH)(INA)] _n and [Cu(INA) ₂] _n : INA = 1,4-(NC ₅ H ₄ CO ₂). <i>Chemical Communications</i> , 2002 , 1642-3	5.8	49
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48	Reactions of co-ordinated ligands. Part 35. Evidence for carbon-carbon double-bond cleavage of cyclopropenes in their reaction with dinuclear cobalt, rhodium, and iridium complexes; crystal structure and protolysis of [Rh ₂ (μ-CO)(μ-COCHCMe ₂ CH)(μ-C ₅ Me ₅) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985 , 2483-2491		5
47	Synthesis, Structure, and Reductive Elimination of Cationic Monoarylpalladium(IV) Complexes Supported by a Tripodal Oxygen Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2928-2935	2.3	4
46	Iridium porphyrin complexes with nitrido, hydroxo, hydrosulfido and alkynyl ligands. <i>Dalton Transactions</i> , 2019 , 48, 8340-8349	4.3	4

45	Ruthenium Aqua Complexes Supported by the K ⁺ Tripodal Ligand: Synthesis, Structure, and Application in Catalytic C ₃ H ₈ Oxidation in Water. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2368-2374	2.3	4
44	Substituent Effect on the Reactions of OsCl ₂ (PPh ₃) ₃ with o-Ethynylphenyl Carbonyl Compounds. <i>Organometallics</i> , 2020 , 39, 574-584	3.8	4
43	Tetranuclear Ruthenium Cyclopentadienyl and Pentamethylcyclopentadienyl Complexes Containing Bridging Nitrido Ligands. <i>Organometallics</i> , 2018 , 37, 1034-1039	3.8	4
42	A chiral spiroborate anion from diphenyl-L-tartramide [B{L-Tar(NHPh) ₂ } ₂] ⁻ applied to some challenging resolutions. <i>CrystEngComm</i> , 2018 , 20, 4831-4848	3.3	4
41	A Combined Experimental and Theoretical Study of the Versatile Reactivity of an Oxocerium(IV) Complex: Concerted Versus Reductive Addition. <i>Chemistry - A European Journal</i> , 2019 , 25, 10834-10839	4.8	4
40	Synthesis and characterization of MH ⁺ HOR dihydrogen bonded ruthenium and osmium complexes (C ₅ H ₄ CH ₂ OH)MH(PPh ₃) ₂ (M = Ru, Os). <i>Science China Chemistry</i> , 2014 , 57, 1079-1089	7.9	4
39	Synthesis, Structure, and Reactivity of Trigonal Bipyramidal Ruthenium(IV) Trialkyl Complexes. <i>Organometallics</i> , 2013 , 32, 4483-4489	3.8	4
38	Ruthenium carbene complexes containing bidentate and tridentate PO ligands. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 4007-4010	2.3	4
37	Heterometallic Ti(IV)-Ru(II) and Ti(IV)-Re(I) sulfato complexes containing the K ⁺ tripodal ligand [(eta ⁵ -C ₅ H ₅)Co{P(O)(OEt) ₂ } ₃] ⁻ . <i>Dalton Transactions</i> , 2010 , 39, 5737-41	4.3	4
36	10-Epi-olguine from <i>Rabdosia ternifolia</i> . <i>Journal of Natural Products</i> , 1997 , 60, 425-7	4.9	4
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34	Synthesis and structure of seven-coordinate rhenium(III) mixed halo-phosphine isocyanide complexes. <i>Inorganic Chemistry</i> , 1991 , 30, 1221-1226	5.1	4
33	Alkene fragmentation at a dimetal centre; X-ray crystal structure and protonation of the bridged carbene complex [Rh ₂ (μ-CO){μ,μ-(CHCMe ₂ CHCO)}(C ₅ Me ₅) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 912-914		4
32	Synthesis and Reactivities of Polyhydrido Osmium Arylsilyl Complexes Prepared from OsH ₃ Cl(PPh ₃) ₃ . <i>Organometallics</i> , 2017 , 36, 3729-3738	3.8	3
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