

Wong Wai-Yeung

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7157145/wong-wai-yeung-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

769
papers

33,147
citations

85
h-index

150
g-index

834
ext. papers

35,979
ext. citations

6.6
avg, IF

7.65
L-index

#	Paper	IF	Citations
769	Development and advancement of iridium(III)-based complexes for photocatalytic hydrogen evolution. <i>Coordination Chemistry Reviews</i> , 2022 , 459, 214390	23.2	2
768	Platinum(II)-containing donor-acceptor dimesitylborane-based complexes: Synthesis, characterization, photophysical and photovoltaic properties. <i>Journal of Organometallic Chemistry</i> , 2022 , 960, 122220	2.3	0
767	Synthesis and photophysical properties of ternary β -diketonate europium(III) complexes incorporating bipyridine and its derivatives. <i>Dyes and Pigments</i> , 2022 , 197, 109879	4.6	11
766	Metallated terpolymer donors with strongly absorbing iridium complex enables polymer solar cells with 16.71% efficiency. <i>Chemical Engineering Journal</i> , 2022 , 430, 132832	14.7	5
765	Introducing a redox-active ferrocenyl moiety onto a polythiophene derivative towards high-performance flexible all-solid-state symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 7968-7977	13	1
764	Cadmium-Doped Zinc Sulfide Shell as a Hole Injection Springboard for Red, Green, and Blue Quantum Dot Light-Emitting Diodes.. <i>Advanced Science</i> , 2022 , e2104488	13.6	3
763	A comprehensive understanding on the roles of carbon dots in metallated graphyne based catalyst for photoinduced H ₂ O ₂ production. <i>Nano Today</i> , 2022 , 43, 101428	17.9	2
762	Salts of Lanthanide(III) Hexafluoroacetylacetonates [Ln = Sm(III), Eu(III) and Tb(III)] with Dipyridylammonium cations: Synthesis, characterization, photophysical properties and OLED fabrication. <i>Dyes and Pigments</i> , 2022 , 110300	4.6	2
761	Nickel- and Palladium-Catalyzed Cross-Coupling of Stibines with Organic Halides: Site-Selective Sequential Reactions with Polyhalogenated Arenes. <i>ACS Catalysis</i> , 2022 , 12, 854-867	13.1	1
760	NIR-II J-Aggregated Pt(II)-Porphyrin-Based Phosphorescent Probe for Tumor-Hypoxia Imaging.. <i>Advanced Healthcare Materials</i> , 2022 , e2200467	10.1	4
759	Synthesis, characterization and thermoelectric properties of new non-conjugated nitroxide radical-containing metallopolymer. <i>Polymer</i> , 2022 , 253, 125000	3.9	1
758	Controlling emitting dipole orientations by N ⁺ O-ancillary electronic effects of [Ir(C ⁺ N) ₂ (N ⁺ O)]-heteroleptic Ir(III)-complexes towards efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2021 , 9, 16751-16761	7.1	0
757	A new cobalt(II) complex nanosheet as an electroactive medium for plasmonic switching on Au nanoparticles. <i>Dalton Transactions</i> , 2021 , 50, 15900-15905	4.3	
756	Reversible On-Off Switching of Excitation-Wavelength-Dependent Emission of a Phosphorescent Soft Salt Based on Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18317-18324	16.4	12
755	Silver-Catalyzed Regioselective Phosphorylation of -Quinone Methides with P(III)-Nucleophiles. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14983-15003	4.2	2
754	Organic soluble linear metallo-supramolecular polymer based on iron(II) and terpyridyl ligand with high electrochromic performance. <i>Synthetic Metals</i> , 2021 , 282, 116953	3.6	2
753	Recent progress of electronic materials based on 2,1,3-benzothiadiazole and its derivatives: synthesis and their application in organic light-emitting diodes. <i>Science China Chemistry</i> , 2021 , 64, 341-357	7.9	11

752	Largely Color-Tuning Prompt and Delayed Fluorescence: Dinuclear Cu(I) Halide Complexes with -Amines and Phosphines. <i>Inorganic Chemistry</i> , 2021 , 60, 4841-4851	5.1	7
751	All-Solution-Processed Multilayered White Polymer Light-Emitting Diodes (WPLEDs) Based on Cross-Linked [Ir(4-vb-PBI)(acac)]. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 11096-11107	9.5	2
750	Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3945-3951	6.1	8
749	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie</i> , 2021 , 133, 11427-11435	3.6	2
748	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11326-11334	16.4	10
747	Phosphorescent Soft Salt Based on Platinum(II) Complexes: Photophysics, Self-Assembly, Thermochromism, and Anti-counterfeiting Application. <i>Inorganic Chemistry</i> , 2021 , 60, 7510-7518	5.1	9
746	C1-Symmetric [Ir(C ^N 1)(C ^N 2)(O [^] O)]-Tris-Heteroleptic Iridium(III)-Complexes with the Preferentially Horizontal Orientation for High-Performance Near-Infrared Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2021 , 9, 2100117	8.1	2
745	A tris βdiketonate europium(III) complex based OLED fabricated by thermal evaporation method displaying efficient bright red emission. <i>Organic Electronics</i> , 2021 , 106216	3.5	13
744	Correction to Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021 , 4, 6374-6374	6.1	
743	Investigation of the Effects of Magnetic Additive Cobalt/Carboxyl functionalized Multi-walled Carbon Nanotubes for Enhancing the Machinability of Polycarbonate Composites under Magnetic Field. <i>Journal of Physics: Conference Series</i> , 2021 , 1919, 012003	0.3	
742	Supercapacitor electrodes based on metal-organic compounds from the first transition metal series. <i>EcoMat</i> , 2021 , 3, e12106	9.4	9
741	Effect of the Linking Group on the Thermoelectric Properties of Poly(Schiff Base)s and Their Metallopolymers. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1911-1917	4.5	
740	Functional Materials Based on Cyclometalated Platinum(II) βDiketonate Complexes: A Review of Structure-Property Relationships and Applications. <i>Materials</i> , 2021 , 14,	3.5	2
739	Fluorescence Imaging and Photodynamic Inactivation of Bacteria Based on Cationic Cyclometalated Iridium(III) Complexes with Aggregation-Induced Emission Properties. <i>Advanced Healthcare Materials</i> , 2021 , e2100706	10.1	3
738	De novo design of polymers embedded with platinum acetylides towards n-type organic thermoelectrics. <i>Chemical Engineering Journal</i> , 2021 , 405, 126692	14.7	8
737	High-performance near-infrared (NIR) polymer light-emitting diodes (PLEDs) based on bipolar Ir(III)-complex-grafted polymers. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 173-180	7.1	5
736	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. <i>Chemical Engineering Journal</i> , 2021 , 417, 128068	14.7	3
735	A color-tunable single molecule white light emitter with high luminescence efficiency and ultra-long room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 727-735	7.1	10

734	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3104-3114	16.4	7
733	Recent Progress in the Selective Functionalization of P(O)-OH Bonds. <i>Topics in Current Chemistry</i> , 2021 , 379, 5	7.2	
732	A new near-infrared phosphorescent iridium(III) complex conjugated to a xanthene dye for mitochondria-targeted photodynamic therapy. <i>Biomaterials Science</i> , 2021 , 9, 4843-4853	7.4	6
731	Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-poly-ynes. <i>New Journal of Chemistry</i> , 2021 , 45, 15082-15095	3.6	1
730	One-step solid-state pyrolysis of bio-wastes to synthesize multi-hierarchical porous carbon for ultra-long life supercapacitors. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 2320-2327	7.8	7
729	Water-passivated ZnMgO nanoparticles for blue quantum dot light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10381-10387	7.1	4
728	C 1-Symmetric [Ir(C ^{^N} 1)(C ^{^N} 2)(N ^{^O})]-tris-heteroleptic Ir(III)-complexes with a horizontal orientation for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2021 , 9, 8337-8344	7.1	3
727	A MoSe ₂ quantum dot modified hole extraction layer enables binary organic solar cells with improved efficiency and stability. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 16500-16509	13	4
726	Highly ordered smectic structures of disc [^] od luminescent liquid crystals: the role of the tolane group. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3555-3561	7.1	1
725	New phosphorescent iridium(III) dipyrinato complexes: synthesis, emission properties and their deep red to near-infrared OLEDs. <i>Dalton Transactions</i> , 2021 , 50, 10629-10639	4.3	3
724	Geometrically isomeric [Ir(iqbt)(ppy)(hpa)] complexes with differential molecule orientations for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12068-12072	7.1	0
723	A recent overview of porphyrin-based extended small molecules as donors and acceptors for high-performance organic solar cells. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 7119-7133	7.8	6
722	High-quality WS film as a hole transport layer in high-efficiency non-fullerene organic solar cells. <i>Nanoscale</i> , 2021 , 13, 16589-16597	7.7	2
721	Study of Electronic and Steric Effects of Different Substituents in Donor-Acceptor Molecules on Multilevel Organic Memory Data Storage Performance. <i>Advanced Electronic Materials</i> , 2021 , 7, 2001097	6.4	2
720	An Efficient Hole Transporting Polymer for Quantum Dot Light-Emitting Diodes. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100731	4.6	4
719	Iridium(III) complexes with 1-phenylisoquinoline-4-carbonitrile units for efficient NIR organic light-emitting diodes. <i>IScience</i> , 2021 , 24, 102911	6.1	1
718	Direct observation of excited state conversion in solid state from a TICT-Type mechanochromic luminogen. <i>Journal of Luminescence</i> , 2021 , 237, 118179	3.8	3
717	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie</i> , 2021 , 133, 22427-22433	3.6	3

7 ¹⁶	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22253-22259	16.4	17
7 ¹⁵	Chlorinated yellow phosphorescent cyclometalated neutral iridophosphors featuring broad emission bandwidths for white electroluminescence. <i>Materials Today Energy</i> , 2021 , 21, 100773	7	7
7 ¹⁴	Robust organic functional materials by thermally doping with metal oxide. <i>Optical Materials Express</i> , 2021 , 11, 3455	2.6	0
7 ¹³	Self-assembled flexible metallo-supramolecular film based on Fe(II) ion and triphenylamine-substituted alkyl terpyridine towards electrochromic application. <i>Dyes and Pigments</i> , 2021 , 194, 109623	4.6	5
7 ¹²	Blue OLEDs with narrow bandwidth using CF ₃ substituted bis((carbazol-9-yl)phenyl)amines as emitters: Structural regulation of linker between donor and acceptor in chromophores. <i>Dyes and Pigments</i> , 2021 , 194, 109627	4.6	1
7 ¹¹	Bi ³⁺ occupancy rearrangement in K _{2-x} A _x MgGeO ₄ phosphor to achieve ultra-broad-band white emission based on alkali metal substitution engineering. <i>Applied Surface Science</i> , 2021 , 563, 150252	6.7	10
7 ¹⁰	Thermally stable inverted organic light-emitting diodes using Ag-doped 4,7-diphenyl-1,10-phenanthroline as an electron injection layer. <i>Organic Electronics</i> , 2021 , 99, 106307	3.5	1
7 ⁰⁹	Solar-Driven Hydrogen Generation Catalyzed by g-CN with Poly(platinaynes) as Efficient Electron Donor at Low Platinum Content. <i>Advanced Science</i> , 2021 , 8, 2002465	13.6	7
7 ⁰⁸	Metal-Free, Acid/Phosphine-Induced Regioselective Thiolation of -Quinone Methides with Sodium Aryl/Alkyl Sulfinates. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1516-1527	4.2	7
7 ⁰⁷	Coupling of a new porphyrin photosensitizer and cobaloxime cocatalyst for highly efficient photocatalytic H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 20645-20652	13	5
7 ⁰⁶	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron ^{II} (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie</i> , 2020 , 132, 11618-11623	3.6	
7 ⁰⁵	Strategically Formulating Aggregation-Induced Emission-Active Phosphorescent Emitters by Restricting the Coordination Skeletal Deformation of Pt(II) Complexes Containing Two Independent Monodentate Ligands. <i>Advanced Optical Materials</i> , 2020 , 8, 2000079	8.1	15
7 ⁰⁴	Monochromatic red electroluminescence from a homodinuclear europium(III) complex of a diketone tethered by 2,2'-bipyrimidine. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9816-9827	7.1	13
7 ⁰³	A linear conjugated tetramer as a surface-modification layer to increase perovskite solar cell performance and stability. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11728-11733	13	13
7 ⁰²	Growing Poly(norepinephrine) Layer over Individual Nanoparticles To Boost Hybrid Perovskite Photocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 27578-27586	9.5	10
7 ⁰¹	Emerging Organic Thermoelectric Applications from Conducting Metallopolymers. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000115	2.6	9
7 ⁰⁰	Self-Assembled Naphthalimide-Substituted Porphyrin Nanowires for Photocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2020 , 3, 7040-7046	5.6	13
6 ⁹⁹	Miconazole and terbinafine induced reactive oxygen species accumulation and topical toxicity in human keratinocytes. <i>Drug and Chemical Toxicology</i> , 2020 , 1-5	2.3	5

698	A Tetrakis(terpyridine) Ligand-Based Cobalt(II) Complex Nanosheet as a Stable Dual-Ion Battery Cathode Material. <i>Small</i> , 2020 , 16, e1905204	11	15
697	Recent advances of iridium(III) metallophosphors for health-related applications. <i>Coordination Chemistry Reviews</i> , 2020 , 413, 213267	23.2	50
696	Metal-Free, N-Iodosuccinimide-Induced Regioselective Iodophosphoryloxylation of Alkenes with P(O)-OH Bonds. <i>Chemistry - A European Journal</i> , 2020 , 26, 9556-9560	4.8	1
695	From a blue to white to yellow emitter: a hexanuclear copper iodide nanocluster. <i>Dalton Transactions</i> , 2020 , 49, 5859-5868	4.3	12
694	Epitaxial Growth of Nanorod Meshes from Luminescent Organic Cocrystals via Crystal Transformation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7265-7269	16.4	19
693	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron-M (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11521-11526	16.4	17
692	Efficient white polymer light-emitting diodes (WPLEDs) based on covalent-grafting of into PVK. <i>Chemical Science</i> , 2020 , 11, 2640-2646	9.4	4
691	The role of reactive oxygen species in the biological activity of antimicrobial agents: An updated mini review. <i>Chemico-Biological Interactions</i> , 2020 , 320, 109023	5	36
690	Pyrophosphate Phosphor Solid Solution with High Quantum Efficiency and Thermal Stability for Efficient LED Lighting. <i>IScience</i> , 2020 , 23, 100892	6.1	11
689	Towards high-power-efficiency solution-processed OLEDs: Material and device perspectives. <i>Materials Science and Engineering Reports</i> , 2020 , 140, 100547	30.9	93
688	Supramolecular core-shell heterostructures with controllable multi-color-emitting properties. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2669-2675	7.1	7
687	Highly photostable ketopyrrolyl-BODIPYs with red aggregation-induced emission characteristics for ultrafast wash-free mitochondria-targeted bioimaging. <i>Dyes and Pigments</i> , 2020 , 176, 108209	4.6	8
686	Achieving efficient green-solvent-processed organic solar cells by employing ortho-ortho perylene diimide dimer. <i>Organic Electronics</i> , 2020 , 83, 105732	3.5	4
685	One-dimensional mesoporous inorganic nanostructures and their applications in energy, sensor, catalysis and adsorption. <i>Progress in Materials Science</i> , 2020 , 113, 100671	42.2	39
684	A Family of BODIPY-like Highly Fluorescent and Unsymmetrical Bis(BF) Pyrrolyl-Acylhydrazone Chromophores: BOAPY. <i>Organic Letters</i> , 2020 , 22, 4588-4592	6.2	12
683	High-efficiency organic electroluminescent materials based on the D _{2d} type with sterically hindered methyl groups. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6851-6860	7.1	10
682	Bright and efficient red emitting electroluminescent devices fabricated from ternary europium complexes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5600-5612	7.1	13
681	Red shift properties, crystal field theory and nephelauxetic effect on Mn ⁴⁺ -doped SrMgAl _{10-y} Ga _y O ₁₇ red phosphor for plant growth LED light. <i>Chemical Engineering Journal</i> , 2020 , 396, 125208	14.7	59

680	Ferrocene-based hyperbranched polymers: a synthetic strategy for shape control and applications as electroactive materials and precursor-derived magnetic ceramics. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 10774-10780	7.1	16
679	Phosphorescent Soft Salt Complexes for Optoelectronic Applications. <i>Acta Chimica Sinica</i> , 2020 , 78, 23	3.3	6
678	A simple and efficient approach toward deep-red to near-infrared-emitting iridium(III) complexes for organic light-emitting diodes with external quantum efficiencies of over 10. <i>Chemical Science</i> , 2020 , 11, 2342-2349	9.4	49
677	Tetrafluorinated phenylpyridine based heteroleptic iridium(III) complexes for efficient sky blue phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2551-2557	7.1	9
676	Efficient Polymer Solar Cells Based on New Random Copolymers with Porphyrin-Incorporated Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 1900446	2.6	2
675	Recent advances in soft functional materials: preparation, functions and applications. <i>Nanoscale</i> , 2020 , 12, 1281-1306	7.7	35
674	Iridium motif linked porphyrins for efficient light-driven hydrogen evolution via triplet state stabilization of porphyrin. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3005-3010	13	13
673	Efficient TADF-OLEDs with ultra-soluble Copper(I) halide complexes containing non-symmetrically substituted bidentate phosphine and PPh ₃ ligands. <i>Journal of Luminescence</i> , 2020 , 220, 116963	3.8	16
672	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 392, 123677	14.7	22
671	Synthesis and Characterization of a Large-Sized π-Conjugated Copper(II) Complex Nanosheet. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 254-258	3.2	5
670	Donor-Acceptor Metallopolymers Containing Ferrocene for Brain Inspired Memristive Devices. <i>Advanced Electronic Materials</i> , 2020 , 6, 2000841	6.4	1
669	A combination of an organic alloy and a heterojunction towards a rod-tail helix architecture with dual-color-emitting properties. <i>Nanoscale</i> , 2020 , 12, 16414-16419	7.7	1
668	Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56541-56548	9.5	1
667	Influence of Alkyl Substitution Position on Wide-Bandgap Polymers in High-Efficiency Nonfullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000170	4.8	1
666	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000216	2.6	36
665	A novel perylene diimide-based zwitterion as the cathode interlayer for high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18117-18124	13	15
664	Phosphorescent Manganese(II) Complexes and Their Emerging Applications. <i>Advanced Optical Materials</i> , 2020 , 8, 2000985	8.1	31
663	Efficient Naphthalene Imide-Based Interface Engineering Materials for Enhancing Perovskite Photovoltaic Performance and Stability. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42348-42356	9.5	6

662	Soft salts based on platinum(II) complexes with high emission quantum efficiencies in the near infrared region for imaging. <i>Chemical Communications</i> , 2020 , 56, 11681-11684	5.8	6
661	Investigation of photoelectric performance of laser diode by regulation of p-waveguide layer thickness. <i>Optik</i> , 2020 , 200, 163458	2.5	
660	Naphthalene imide dimer as interface engineering material: An efficient strategy for achieving high-performance perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020 , 395, 125062	14.7	15
659	Single-Molecular White-Light Emitters and Their Potential WOLED Applications. <i>Advanced Materials</i> , 2020 , 32, e1903269	24	116
658	A Sublimable Dinuclear Cuprous Complex Showing Selective Luminescence Vapochromism in the Crystalline State. <i>Inorganic Chemistry</i> , 2019 , 58, 14478-14489	5.1	13
657	High performance solution-processed organic yellow light-emitting devices and fluoride ion sensors based on a versatile phosphorescent Ir(III) complex. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 376-384	7.8	10
656	A novel Na ₃ La(PO ₄) ₂ /LaPO ₄ :Eu blue-red dual-emitting phosphor with high thermal stability for plant growth lighting. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2385-2393	7.1	34
655	A new strategy to synthesize three-coordinate mononuclear copper(I) halide complexes containing a bulky terphenyl bidentate phosphine ligand and their luminescent properties. <i>New Journal of Chemistry</i> , 2019 , 43, 3390-3399	3.6	12
654	Inkjet printed pseudocapacitive electrodes on laser-induced graphene for electrochemical energy storage. <i>Materials Today Energy</i> , 2019 , 12, 155-160	7	25
653	Imidazole-containing cyanostilbene-based molecules with aggregation-induced emission characteristics: photophysical and electroluminescent properties. <i>New Journal of Chemistry</i> , 2019 , 43, 1844-1850	3.6	21
652	Rational design of high efficiency green to deep red/near-infrared emitting materials based on isomeric donor-acceptor chromophores. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1880-1887	7.1	22
651	A novel family of AIE-active meso-2-ketopyrrolyl BODIPYs: bright solid-state red fluorescence, morphological properties and application as viscosimeters in live cells. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1823-1832	7.8	23
650	A novel bio-based polyurethane/wood powder composite as shape-stable phase change material with high relative enthalpy efficiency for solar thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 200, 109987	6.4	26
649	Boosting the Adhesivity of EConjugated Polymers by Embedding Platinum Acetylides towards High-Performance Thermoelectric Composites. <i>Polymers</i> , 2019 , 11,	4.5	10
648	Symmetrically backfolded molecules emulating the self-similar features of a Sierpinski triangle. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6032-6037	3.9	2
647	Reversible two-channel mechanochromic luminescence for a pyridinium-based white-light emitter with room-temperature fluorescence-phosphorescence dual emission. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 14728-14733	3.6	17
646	Utilization of Ternary Europium Complex for Organic Electroluminescent Devices and as a Sensitizer to Improve Electroluminescence of Red-Emitting Iridium Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 8316-8331	5.1	23
645	Towards high performance solution-processed orange organic light-emitting devices: precisely-adjusting properties of Ir(III) complexes by reasonably engineering the asymmetric configuration with second functionalized cyclometalating ligands. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8836-8846	7.1	11

644	Design of wide-bandgap polymers with deeper ionization potential enables efficient ternary non-fullerene polymer solar cells with 13% efficiency. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14153-14162	13	21
643	Development of near-infrared xanthene fluorescence probe for the highly selective and sensitive detection of cysteine. <i>Dyes and Pigments</i> , 2019 , 170, 107563	4.6	6
642	Synthesis, characterization and photovoltaic properties of platinum-containing poly(aryleneethynylene) polymers with electron-deficient diketopyrrolopyrrole unit. <i>Journal of Organometallic Chemistry</i> , 2019 , 894, 1-9	2.3	9
641	Amphiphilic bimetallic polymer as single-source precursors for the one-pot synthesis of L10-phase FePt nanoparticles. <i>Journal of Organometallic Chemistry</i> , 2019 , 892, 83-88	2.3	5
640	Nanostructured Bimetallic Block Copolymers as Precursors to Magnetic FePt Nanoparticles. <i>Macromolecules</i> , 2019 , 52, 3176-3186	5.5	10
639	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8773-8778	16.4	91
638	Efficient white polymer light-emitting diodes (WPLEDs) based on double emitting layers of a PVK:Eu(III)-complex and Alq3. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4800-4807	7.1	9
637	Pure E/Z isomers of N-methylpyrrole-benzohydrazide-based BF ₂ complexes: remarkable aggregation-, crystallization-induced emission switching properties and application in sensing intracellular pH microenvironment. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4533-4542	7.1	13
636	Program controlling the emission color of blend polymer phosphors containing Eu(III), Tb(III), Be(II) ions for WLEDs. <i>Optical Materials</i> , 2019 , 89, 250-260	3.3	8
635	Electric Field Induced Molecular Assemblies Showing Different Nanostructures and Distinct Emission Colors. <i>Small Methods</i> , 2019 , 3, 1900142	12.8	12
634	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie</i> , 2019 , 131, 8865-8870	3.6	27
633	Emission enhancement and high sensitivity of a π -conjugated dye towards pressure: the synergistic effect of supramolecular interactions and H-aggregation. <i>Chemical Communications</i> , 2019 , 55, 4735-4738	5.8	19
632	Recent Advances in the Optimization of Organic Light-Emitting Diodes with Metal-Containing Nanomaterials. <i>Chemical Record</i> , 2019 , 19, 1753-1767	6.6	4
631	AIE-active difluoroboronated acylhydrozone dyes (BOAHY) emitting across the entire visible region and their photo-switching properties. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3269-3277	7.1	22
630	Enhanced figure of merit of poly(9,9-di-n-octylfluorene-alt-benzothiadiazole) and SWCNT thermoelectric composites by doping with FeCl ₃ . <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47011	2.9	5
629	Syntheses and photoluminescence of copper(I) halide complexes containing dimethylthiophene bidentate phosphine ligands. <i>New Journal of Chemistry</i> , 2019 , 43, 13408-13417	3.6	13
628	Highly-efficient solution-processed green phosphorescent organic light-emitting diodes with reduced efficiency roll-off using ternary blend hosts. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11109-11117	17.1	11
627	A dopant-free twisted organic small-molecule hole transport material for inverted planar perovskite solar cells with enhanced efficiency and operational stability. <i>Nano Energy</i> , 2019 , 64, 103946	17.1	35

626	Synthesis and characterization of platinum(II) polymetallaynes functionalized with phenoxazine-based spacer. A comparison with the phenothiazine congener. <i>Journal of Organometallic Chemistry</i> , 2019 , 897, 192-199	2.3	4
625	Electrochromic triphenylamine-based cobalt(II) complex nanosheets. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 9159-9166	7.1	35
624	Copper-Catalyzed Diphenylation of P(O)-OH Bonds with Cyclic Diaryliodonium Salts. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4365-4374	4.5	7
623	Direct synthesis of L10-FePt nanoparticles from single-source bimetallic complex and their electrocatalytic applications in oxygen reduction and hydrogen evolution reactions. <i>Nano Research</i> , 2019 , 12, 2954-2959	10	37
622	Simultaneous electrochemical sensing of serotonin, dopamine and ascorbic acid by using a nanocomposite prepared from reduced graphene oxide, FeO and hydroxypropyl-β-cyclodextrin. <i>Mikrochimica Acta</i> , 2019 , 186, 751	5.8	23
621	Solvent-Induced Cluster-to-Cluster Transformation of Homoleptic Gold(I) Thiolates between Catenane and Ring-in-Ring Structures. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16297-16306	16.4	24
620	Cyclometallated tridentate platinum(ii) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019 , 48, 5547-5563	58.5	66
619	Multi-color electrochromism from coordination nanosheets based on a terpyridine-Fe(ii) complex. <i>Dalton Transactions</i> , 2019 , 48, 15121-15126	4.3	29
618	Achieving efficient inverted perovskite solar cells with excellent electron transport and stability by employing a ladder-conjugated perylene diimide dimer. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24191-24198	12.198 ³²	
617	Efficient polymer light-emitting diodes (PLEDs) based on chiral [Pt(C [^] N)(N [^] O)] complexes with near-infrared (NIR) luminescence and circularly polarized (CP) light. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13743-13747	7.1	26
616	A time-resolved near-infrared phosphorescent iridium(iii) complex for fast and highly specific peroxyxynitrite detection and bioimaging applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7612-7618	7.3	18
615	A single component white electroluminescent device fabricated from a metallo-organic terbium complex. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13966-13975	7.1	21
614	Synthesis, photoluminescence and electroluminescence of triphenylphosphine functionalized cyclometalated iridium(III) complexes. <i>Dyes and Pigments</i> , 2019 , 160, 717-725	4.6	4
613	A cyanostilbene-based molecule with aggregation-induced emission properties: amplified spontaneous emission, protonation effect and electroluminescence. <i>Science China Chemistry</i> , 2019 , 62, 212-219	7.9	6
612	An inorganic magnetic fluorescent nanoprobe with favorable biocompatibility for dual-modality bioimaging and drug delivery. <i>Journal of Inorganic Biochemistry</i> , 2019 , 192, 72-81	4.2	10
611	High-Performance Nonfullerene Polymer Solar Cells Based on a Wide-Bandgap Polymer without Extra Treatment. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800660	4.8	5
610	Lithographic patterning of ferromagnetic FePt nanoparticles from a single-source bimetallic precursor containing hemipharmidic structure for magnetic data recording media. <i>Science China Materials</i> , 2019 , 62, 566-576	7.1	22
609	Achieving High-Performance Solution-Processed Deep-Red/Near-Infrared Organic Light-Emitting Diodes with a Phenanthroline-Based and Wedge-Shaped Fluorophore. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800677	6.4	14

608	Achieving High-Performance Solution-Processed Orange OLEDs with the Phosphorescent Cyclometalated Trinuclear Pt(II) Complex. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10227-10235	9.5	45
607	Diarylboron-Based Asymmetric Red-Emitting Ir(III) Complex for Solution-Processed Phosphorescent Organic Light-Emitting Diode with External Quantum Efficiency above 28. <i>Advanced Science</i> , 2018 , 5, 1701067	13.6	49
606	Magnetic nanoparticles/PEDOT:PSS composite hole-injection layer for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4903-4911	7.1	20
605	Highly-efficient blue neutral mononuclear copper(I) halide complexes containing bi- and mono-dentate phosphine ligands. <i>Journal of Luminescence</i> , 2018 , 196, 425-430	3.8	13
604	Efficient solution-processed yellow/orange phosphorescent OLEDs based on heteroleptic Ir(III) complexes with 2-(9,9-diethylfluorene-2-yl)pyridine main ligand and various ancillary ligands. <i>Organic Electronics</i> , 2018 , 54, 197-203	3.5	17
603	A Probe Based on a Soft Salt Complex for Ratiometric and Lifetime Imaging of Variations in Intracellular Oxygen Content. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2345-2349	2.3	6
602	Enhanced singlet oxygen generation of a soft salt through efficient energy transfer between two ionic metal complexes. <i>Dalton Transactions</i> , 2018 , 47, 5582-5588	4.3	12
601	Energy materials based on metal Schiff base complexes. <i>Coordination Chemistry Reviews</i> , 2018 , 355, 180-198	13.8	180
600	A wide-bandgap polymer based on the alkylphenyl-substituted benzo[1,2-b:4,5-b']dithiophene unit with high power conversion efficiency of over 11%. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 16529-16538	13.8	21
599	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn and Al in living cells. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5435-5442	7.3	62
598	A Family of Highly Fluorescent and Unsymmetric Bis(BF) Chromophore Containing Both Pyrrole and N-Heteroarene Derivatives: BOPPY. <i>Organic Letters</i> , 2018 , 20, 4462-4466	6.2	22
597	Near-Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2018 , 6, 1800466	8.1	92
596	Asymmetric tris-heteroleptic iridium(III) complexes containing three different 2-phenylpyridine-type ligands: a new strategy for improving the electroluminescence ability of phosphorescent emitters. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9453-9464	7.1	18
595	Extremely low-efficiency roll-off of phosphorescent organic light-emitting diodes at high brightness based on acridine heterocyclic derivatives. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9713-9722	7.1	9
594	High-Energy-Level Blue Phosphor for Solution-Processed White Organic Light-Emitting Diodes with Efficiency Comparable to Fluorescent Tubes. <i>IScience</i> , 2018 , 6, 128-137	6.1	34
593	Synthesis and characterization of a series of polymer-immobilized clusters of osmium. <i>Journal of Organometallic Chemistry</i> , 2018 , 870, 8-15	2.3	2
592	Tunable white light emission of a large area film-forming macromolecular complex with a high color rendering index. <i>Optical Materials Express</i> , 2018 , 8, 3635	2.6	1
591	Molecular/polymeric metallaynes and related molecules: Solar cell materials and devices. <i>Coordination Chemistry Reviews</i> , 2018 , 373, 233-257	23.2	37

590	Improving the electrochemical performance of LiTiO anode by phosphorus reduction at a relatively low temperature. <i>Chemical Communications</i> , 2018 , 54, 14120-14123	5.8	10
589	3D graphene/hydroxypropyl- β -cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12822-12829	7.1	50
588	New heterobimetallic Au(I)/Pt(II) polyynes achieving a good trade-off between transparency and optical power limiting performance. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11416-11426	7.1	8
587	Hierarchical 3D TiO ₂ Nanotube Arrays Sensitized by Graphene Oxide and ZnxCd _{1-x} S for High Performance Photoelectrochemical Applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1800436	1.6	6
586	Efficient Deep-Blue Electrofluorescence with an External Quantum Efficiency Beyond 10. <i>IScience</i> , 2018 , 9, 532-541	6.1	43
585	Smart Design on the Cyclometalated Ligands of Iridium(III) Complexes for Facile Tuning of Phosphorescence Color Spanning from Deep-Blue to Near-Infrared. <i>Advanced Optical Materials</i> , 2018 , 6, 1800824	8.1	28
584	Synthesis, characterization, and luminescent properties of three-coordinate copper(I) halide complexes containing a carbazolyl monodentate phosphine ligand. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 4072-4085	1.6	5
583	Exceeding 14% Efficiency for Solution-Processed Tandem Organic Solar Cells Combining Fullerene- and Nonfullerene-Based Subcells with Complementary Absorption. <i>ACS Energy Letters</i> , 2018 , 3, 2566-2572	29.1	39
582	Targeting DNA Binding for NF- κ B as an Anticancer Approach in Hepatocellular Carcinoma. <i>Cells</i> , 2018 , 7,	7.9	7
581	Achieving NIR Emission for Donor-Acceptor Type Platinum(II) Complexes by Adjusting Coordination Position with Isomeric Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 14208-14217	5.1	20
580	Complex assembly from planar and twisted π -conjugated molecules towards alloy helices and core-shell structures. <i>Nature Communications</i> , 2018 , 9, 4358	17.4	24
579	Dicopper(I) Complexes Incorporating Acetylide-Functionalized Pyridinyl-Based Ligands: Synthesis, Structural, and Photovoltaic Studies. <i>Inorganic Chemistry</i> , 2018 , 57, 12113-12124	5.1	16
578	Efficient flash memory devices based on non-conjugated ferrocene-containing copolymers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11348-11355	7.1	20
577	Edge decoration of MoS ₂ monolayer with ferromagnetic CoFe nanoparticles. <i>Materials Research Express</i> , 2018 , 5, 115010	1.7	1
576	Aggregation-induced near-infrared emitting platinum(ii) terpyridyl complex: cellular characterisation and lysosome-specific localisation. <i>Chemical Communications</i> , 2018 , 54, 11144-11147	5.8	27
575	Achieving highly water-soluble and luminescent gold nanoclusters modified by β -cyclodextrin as multifunctional nanoprobe for biological applications. <i>Dyes and Pigments</i> , 2018 , 157, 359-368	4.6	10
574	A simple amide fluorescent sensor based on quinoline for selective and sensitive recognition of zinc(II) ions and bioimaging in living cells. <i>Dyes and Pigments</i> , 2018 , 158, 312-318	4.6	24
573	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. <i>Chemical Society Reviews</i> , 2018 , 47, 4934-4953	58.5	62

572	Novel AuI polyynes and their high optical power limiting performances both in solution and in prototype devices. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6023-6032	7.1	20
571	Near-saturated red emitters: four-coordinate copper(I) halide complexes containing 8-(diphenylphosphino)quinoline and 1-(diphenylphosphino)naphthalene ligands. <i>Dalton Transactions</i> , 2018 , 47, 9294-9302	4.3	18
570	Packaging BiVO ₄ nanoparticles in ZnO microbelts for efficient photoelectrochemical hydrogen production. <i>Electrochimica Acta</i> , 2018 , 283, 497-508	6.7	26
569	Recent advances in copper complexes for electrical/light energy conversion. <i>Coordination Chemistry Reviews</i> , 2018 , 375, 514-557	23.2	99
568	Chemically driven supramolecular self-assembly of porphyrin donors for high-performance organic solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14675-14680	13	20
567	Recent advances in green nanoparticulate systems for drug delivery: efficient delivery and safety concern. <i>Nanomedicine</i> , 2017 , 12, 357-385	5.6	81
566	Photofunctionality in Porphyrin-Hybridized Bis(dipyrrinato)zinc(II) Complex Micro- and Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3526-3530	16.4	82
565	Photofunctionality in Porphyrin-Hybridized Bis(dipyrrinato)zinc(II) Complex Micro- and Nanosheets. <i>Angewandte Chemie</i> , 2017 , 129, 3580-3584	3.6	24
564	Luminescence Color Tuning by Regulating Electrostatic Interaction in Light-Emitting Devices and Two-Photon Excited Information Decryption. <i>Inorganic Chemistry</i> , 2017 , 56, 2409-2416	5.1	37
563	Two novel bipolar compounds based-on 1, 2, 4-triazol derivatives for non-doped deep-blue and green phosphorescent OLED applications. <i>Dyes and Pigments</i> , 2017 , 143, 25-32	4.6	18
562	Bipolar hosts and non-doped deep-blue emitters (CIE _y = 0.04) based on phenylcarbazole and 2-(2-phenyl-2H-1,2,4-triazol-3-yl)pyridine groups. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4455-4462	7.1	39
561	A novel Turn-on/dipyrin-type fluorescent detector of Zn ²⁺ based on tetraphenylethene. <i>Tetrahedron</i> , 2017 , 73, 3305-3309	2.4	8
560	Thermally stable bipolar host materials for high efficiency phosphorescent green and blue organic light-emitting diodes. <i>Dyes and Pigments</i> , 2017 , 143, 470-478	4.6	17
559	Exceedingly high photocatalytic activity of g-C ₃ N ₄ /Gd-N-TiO ₂ composite with nanoscale heterojunctions. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 168, 91-99	6.4	46
558	Charged dinuclear Cu(I) complexes for solution-processed single-emitter warm white organic light-emitting devices. <i>Dyes and Pigments</i> , 2017 , 143, 151-164	4.6	16
557	Bis(phenothiazyl-ethynylene)-Based Organic Dyes Containing Di-Anchoring Groups with Efficiency Comparable to N719 for Dye-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 332-340	4.5	8
556	One-pot synthesis of ferromagnetic FePd nanoparticles from single-source organometallic precursors and size effect of metal fraction in polymer chain. <i>Journal of Organometallic Chemistry</i> , 2017 , 849-850, 10-16	2.3	13
555	Highly efficient electroluminescent Pt ppy-type complexes with monodentate ligands. <i>Chemical Communications</i> , 2017 , 53, 7581-7584	5.8	21

554	Bis-Zn salphen complexes bearing pyridyl functionalized ligands for efficient organic light-emitting diodes (OLEDs). <i>Dalton Transactions</i> , 2017 , 46, 6098-6110	4.3	20
553	Thermoelectric properties of composite films prepared with benzodithiophene derivatives and carbon nanotubes. <i>Composites Science and Technology</i> , 2017 , 145, 40-45	8.6	35
552	Facet-Selective Growth of Organic Heterostructured Architectures via Sequential Crystallization of Structurally Complementary π -Conjugated Molecules. <i>Nano Letters</i> , 2017 , 17, 695-701	11.5	28
551	Patterning of L1 FePt nanoparticles with ultra-high coercivity for bit-patterned media. <i>Nanoscale</i> , 2017 , 9, 731-738	7.7	39
550	Cyclometalated Iridium(III) Carbene Phosphors for Highly Efficient Blue Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 40497-40502	9.5	61
549	Platinum(II) acetylide complexes with star- and V-shaped configurations possessing good trade-off between optical transparency and optical power limiting performance. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11672-11682	7.1	14
548	Functional Organometallic Poly(arylene ethynylene)s: From Synthesis to Applications. <i>Topics in Current Chemistry</i> , 2017 , 375, 77	7.2	8
547	Luminescent Three- and Four-Coordinate Dinuclear Copper(I) Complexes Triply Bridged by Bis(diphenylphosphino)methane and Functionalized 3-(2'-Pyridyl)-1,2,4-triazole Ligands. <i>Inorganic Chemistry</i> , 2017 , 56, 10311-10324	5.1	26
546	Synthesis, structure, and photophysics of copper(i) triphenylphosphine complexes with functionalized 3-(2'-pyrimidinyl)-1,2,4-triazole ligands. <i>Dalton Transactions</i> , 2017 , 46, 13077-13087	4.3	21
545	Synthesis, Characterization and Luminescent Properties of Copper(I) Halide Complexes Containing 1-(Diphenylphosphino)naphthalene. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 101-109	3.2	4
544	Diphenylphosphine oxide-based host materials for green phosphorescent organic light-emitting devices. <i>Dyes and Pigments</i> , 2017 , 146, 582-588	4.6	4
543	Coordination polymers based on bis-ZnII salphen complexes and functional ditopic ligands for efficient polymer light-emitting diodes (PLEDs). <i>Polymer Chemistry</i> , 2017 , 8, 6368-6377	4.9	5
542	Hyperbranched Phosphorescent Conjugated Polymer Dots with Iridium(III) Complex as the Core for Hypoxia Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28319-28330	9.5	60
541	Synthesis, characterization and luminescent properties of three-coordinate copper(I) halide complexes containing diphenylamino monodentate phosphine ligand. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 2916-2928	1.6	3
540	Synthesis, characterization and luminescent properties of copper(I) halide complexes containing biphenyl bidentate phosphine ligand. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3907-3919	1.6	5
539	One-step synthesis of platinum nanoparticles by pyrolysis of a polyplatinyne polymer. <i>Journal of Organometallic Chemistry</i> , 2017 , 849-850, 4-9	2.3	2
538	Synthesis and photovoltaic properties of new ruthenium(II)-bis(aryleneethynylene) complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 846, 277-286	2.3	6
537	Novel iridium(III) complexes bearing dimesitylboron groups with nearly 100% phosphorescent quantum yields for highly efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7871-7883	7.1	42

536	Color-tunable thiazole-based iridium(III) complexes: Synthesis, characterization and their OLED applications. <i>Journal of Organometallic Chemistry</i> , 2017 , 829, 92-100	2.3	28
535	Novel fluorene/indole-based hole transport materials with high thermal stability for efficient OLEDs. <i>Dyes and Pigments</i> , 2017 , 137, 36-42	4.6	19
534	Novel spirofluorene/indole/carbazole-based hole transport materials with high triplet energy for efficient green phosphorescent organic light-emitting diodes. <i>Dyes and Pigments</i> , 2017 , 137, 84-90	4.6	28
533	Homoleptic thiazole-based Ir(III) phosphorescent complexes for achieving both high EL efficiencies and an optimized trade-off among the key parameters of solution-processed WOLEDs. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 208-219	7.1	18
532	Functional Organometallic Poly(arylene ethynylene)s: From Synthesis to Applications. <i>Topics in Current Chemistry Collections</i> , 2017 , 157-189	1.8	
531	Nanopatterning of Functional Metallopolymers via Top-Down Approach. <i>Engineering Materials and Processes</i> , 2017 , 51-70		2
530	Synthesis, characterization, photophysical and photovoltaic properties of new donor-acceptor platinum(II) acetylide complexes. <i>Journal of Organometallic Chemistry</i> , 2016 , 812, 2-12	2.3	9
529	Synthesis, Characterization and Catalytic Activities of Palladium(II) Nitroaryl Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016 , 26, 1243-1252	3.2	3
528	Luminescent Metal-Containing Polymers for White Light Emission. <i>Topics in Current Chemistry</i> , 2016 , 374, 64	7.2	8
527	Highly efficient blue-green neutral dinuclear copper(I) halide complexes containing bidentate phosphine ligands. <i>Journal of Luminescence</i> , 2016 , 180, 64-72	3.8	32
526	Chromophoric Dyads for the Light-Driven Generation of Hydrogen: Investigation of Factors in the Design of Multicomponent Photosensitizers for Proton Reduction. <i>Inorganic Chemistry</i> , 2016 , 55, 8348-8358	5.1	17
525	Constructing luminescent particle/MOF composites by employing polyvinylpyrrolidone-modified organic crystals as seeds. <i>Chemical Communications</i> , 2016 , 52, 12318-12321	5.8	7
524	Solution-processed blue and blue-green phosphorescent organic light-emitting devices using iridium(III) complexes based on 9-(6-(4-phenyl-1H-1,2,3-triazol-1-yl)hexyl)-9H-carbazole ligand. <i>Dyes and Pigments</i> , 2016 , 134, 148-154	4.6	9
523	Multifunctional polymetallaynes: properties, functions and applications. <i>Chemical Society Reviews</i> , 2016 , 45, 5264-95	58.5	136
522	New Terthiophene-Conjugated Porphyrin Donors for Highly Efficient Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 30176-30183	9.5	53
521	Antifungal study of substituted 4-pyridylmethylene-4'-aniline Schiff bases. <i>RSC Advances</i> , 2016 , 6, 104575-104581	5.7	104581
520	Three carbazole-based host materials: facile synthesis, photophysical properties and performances in PhOLED. <i>Tetrahedron</i> , 2016 , 72, 8066-8072	2.4	11
519	Conjugated Oligothiophene Derivatives Based on Bithiophene with Unsaturated Bonds as Building Blocks for Solution-Processed Bulk Heterojunction Organic Solar Cells. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3557-3567	4.5	7

518	Photochemical Copper Coating on 3D Printed Thermoplastics. <i>Scientific Reports</i> , 2016 , 6, 31188	4.9	12
517	High performance arylamine-based metallated and metal-free organic photosensitizers for dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016 , 28, 138-158	16.4	16
516	Nanopatterned L10-FePt nanoparticles from single-source metallopolymer precursors for potential application in ferromagnetic bit-patterned media magnetic recording. <i>Polymer Chemistry</i> , 2016 , 7, 4467-4475	4.9	31
515	1,2,4-Triazole derivatives as host materials for blue and green phosphorescent organic light-emitting devices. <i>Tetrahedron</i> , 2016 , 72, 4408-4413	2.4	7
514	Synthesis of hexahydrofuro[3,2-c]quinoline, a martinelline type analogue and investigation of its biological activity. <i>SpringerPlus</i> , 2016 , 5, 271		10
513	Bis-Tridentate Iridium(III) Phosphors Bearing Functional 2-Phenyl-6-(imidazol-2-ylidene)pyridine and 2-(Pyrazol-3-yl)-6-phenylpyridine Chelates for Efficient OLEDs. <i>Organometallics</i> , 2016 , 35, 1813-1824	3.8	54
512	High-performance polymer solar cells based on a 2D-conjugated polymer with an alkylthio side-chain. <i>Energy and Environmental Science</i> , 2016 , 9, 885-891	35.4	150
511	Synthesis, structural characterization and photophysical studies of luminescent Cu(I) heteroleptic complexes based on dipyridylamine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 318, 97-103	4.7	6
510	Structural engineering of porphyrin-based small molecules as donors for efficient organic solar cells. <i>Chemical Science</i> , 2016 , 7, 4301-4307	9.4	69
509	Antimicrobial and toxicological evaluations of binuclear mercury(II)bis(alkynyl) complexes containing oligothiophenes and bithiazoles. <i>RSC Advances</i> , 2016 , 6, 16736-16744	3.7	9
508	From Mononuclear to Dinuclear Iridium(III) Complex: Effective Tuning of the Optoelectronic Characteristics for Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2016 , 55, 1720-7	5.1	114
507	A novel host material with high thermal stability for green electrophosphorescent device. <i>Tetrahedron</i> , 2016 , 72, 1505-1510	2.4	8
506	Metallopolymer precursors to L10-CoPt nanoparticles: synthesis, characterization, nanopatterning and potential application. <i>Nanoscale</i> , 2016 , 8, 7068-74	7.7	40
505	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. <i>Chemical Science</i> , 2016 , 7, 3338-3346	9.4	67
504	Sensitization of to terbinafine by berberine and berberrubine. <i>Biomedical Reports</i> , 2016 , 4, 449-452	1.8	11
503	New iridium(III) cyclometalates with extended absorption features for bulk heterojunction solar cells. <i>Journal of Organometallic Chemistry</i> , 2016 , 812, 280-286	2.3	8
502	New Co(OH) ₂ /CdS nanowires for efficient visible light photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5282-5287	13	99
501	Ferrocene-containing poly(fluorenylethynylene)s for nonvolatile resistive memory devices. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 921-928	7.1	59

500	Molecular engineering of starburst triarylamine donor with selenophene containing linker for dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 713-726	7.1	19
499	Design, synthesis and properties of triple-color hyperbranched polymers derived from poly(9,9-dioctylfluorene) with phosphorescent core tris(1-phenylisoquinoline)iridium(III). <i>Dyes and Pigments</i> , 2016 , 125, 339-347	4.6	13
498	Effects of Alkylthio and Alkoxy Side Chains in Polymer Donor Materials for Organic Solar Cells. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 287-302	4.8	58
497	Synthesis and Charge/Discharge Properties of Organometallic Co-polymers of Ferrocene and Triphenylamine as Cathode Active Materials for Organic-Battery Applications. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1030-1035	2.3	25
496	Framework Isomerism: Highly Augmented Copper(II)-Paddlewheel-Based MOF with Unusual (3,4)-Net Topology. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1939-1943	2.3	11
495	Additive and Photochemical Manufacturing of Copper. <i>Scientific Reports</i> , 2016 , 6, 39584	4.9	26
494	Metallopolyyne polymers with ferrocenyl pendant ligands as cathode-active materials for organic battery application. <i>Journal of Organometallic Chemistry</i> , 2016 , 812, 51-55	2.3	20
493	Synthesis and Characterization of Phenothiazine-Based Platinum(II)-Acetylide Photosensitizers for Efficient Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2016 , 22, 3750-7	4.8	25
492	Antiangiogenic activity of 2-formyl-8-hydroxy-quinolinium chloride. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 80, 145-150	7.5	4
491	Elemental bioimaging of platinum in mouse tissues by laser ablation-inductively coupled plasma-mass spectrometry for the study of localization behavior of structurally similar complexes. <i>International Journal of Mass Spectrometry</i> , 2016 , 404, 40-47	1.9	16
490	Power-efficient solution-processed red organic light-emitting diodes based on an exciplex host and a novel phosphorescent iridium complex. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5787-5794	7.1	68
489	Platinum(II) cyclometallates featuring broad emission bands and their applications in color-tunable OLEDs and high color-rendering WOLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6016-6026	7.1	44
488	Poly[(9,9-dioctyl-fluorenyl-2,7-diyl)-co-fluorenone]-based orange fluorescence probe for cellular imaging. <i>Tetrahedron</i> , 2016 , 72, 2287-2292	2.4	3
487	A novel supramolecular system with multiple fluorescent states constructed by orthogonal self-assembly. <i>Polymer Chemistry</i> , 2016 , 7, 3827-3831	4.9	11
486	Porphyrin-based metallopolymers: synthesis, characterization and pyrolytic study for the generation of magnetic metal nanoparticles. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5010-5018	7.1	33
485	Synthesis of platinum(II) and palladium(II) complexes with 9,9-dihexyl-4,5-diazafluorene and their <i>in vivo</i> antitumour activity against Hep3B xenografted mice. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 537-543	6.8	5
484	Synthesis, characterization and luminescent properties of three-coordinate copper(I) halide complexes containing 2-(diphenylphosphino)biphenyl. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 3692-3702	1.6	8
483	New deep-red heteroleptic iridium complex with 3-hexylthiophene for solution-processed organic light-emitting diodes emitting saturated red and high CRI white colors. <i>Organic Electronics</i> , 2015 , 21, 1-8	3.5	40

482	Solution-processed new porphyrin-based small molecules as electron donors for highly efficient organic photovoltaics. <i>Chemical Communications</i> , 2015 , 51, 14439-42	5.8	62
481	Functionalization of phosphorescent emitters and their host materials by main-group elements for phosphorescent organic light-emitting devices. <i>Chemical Society Reviews</i> , 2015 , 44, 8484-575	58.5	634
480	Effects of peripheral substitutions on the singlet oxygen quantum yields of monophthalocyaninato ytterbium(III) complexes. <i>RSC Advances</i> , 2015 , 5, 22294-22299	3.7	5
479	Investigation of pyrolysis temperature in the one-step synthesis of L10 FePt nanoparticles from a FePt-containing metallopolymer. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 734-741	7.1	38
478	Self-assembled perylene bisimide J-aggregates as promising cathode modifiers for highly efficient inverted polymer solar cells. <i>Materials Horizons</i> , 2015 , 2, 514-518	14.4	30
477	Aldehyde end-capped terthiophene with aggregation-induced emission characteristics. <i>Tetrahedron</i> , 2015 , 71, 5634-5639	2.4	18
476	A photofunctional bottom-up bis(dipyrrinato)zinc(II) complex nanosheet. <i>Nature Communications</i> , 2015 , 6, 6713	17.4	249
475	Dawson-type polyoxometalate-based oligomeric Hg(II)-acetylide hybrid: Synthesis, characterization and materials properties. <i>Journal of Organometallic Chemistry</i> , 2015 , 792, 102-108	2.3	4
474	Synthesis, Characterization and Crystal Structures of Some Metal Carbonyl Linking Clusters of Osmium, Ruthenium and Cobalt Derived from Diethynylarenes. <i>Journal of Cluster Science</i> , 2015 , 26, 291-307	3	3
473	Narrow Bandgap Platinum(II)-Containing Polyynes with Diketopyrrolopyrrole and Isoindigo Spacers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 159-168	3.2	13
472	Biography for Benzhong Tang. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 1-1	3.2	2
471	Metallated conjugation in small-sized-molecular donors for solution-processed organic solar cells. <i>Science China Chemistry</i> , 2015 , 58, 347-356	7.9	10
470	Charge conduction study of phosphorescent iridium compounds for organic light-emitting diodes application. <i>Organic Electronics</i> , 2015 , 24, 7-11	3.5	13
469	Effect of electron donor/acceptor substituents on the Seebeck coefficient and thermoelectric properties of poly(3-methylthiophene methine)s/graphite composites. <i>Composites Part B: Engineering</i> , 2015 , 77, 248-256	10	28
468	Synthesis, Characterization and Electrochemistry of Some Metal Carbonyl Clusters Derived from Ferrocenylethynylpyridine. <i>Journal of Cluster Science</i> , 2015 , 26, 461-471	3	2
467	A novel white-light-emitting conjugated polymer derived from polyfluorene with a hyperbranched structure. <i>New Journal of Chemistry</i> , 2015 , 39, 5180-5188	3.6	30
466	A water-soluble tetraphenylethene based probe for luminescent carbon dioxide detection and its biological application. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11850-11856	7.1	24
465	Phosphorescent Iridium(III) Complexes Bearing Fluorinated Aromatic Sulfonyl Group with Nearly Unity Phosphorescent Quantum Yields and Outstanding Electroluminescent Properties. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24703-14	9.5	52

464	Metallopolymers for energy production, storage and conservation. <i>Polymer Chemistry</i> , 2015 , 6, 6905-6930	68
463	Influence of Nanoscale Morphology on Performance of Inverted Structure Metallated Conjugated Polymer Solar Cells. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 3029-3033	2.9 2
462	A charged iridophosphor for time-resolved luminescent CO ₂ gas identification. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 66-72	7.1 34
461	Effects of various E-conjugated spacers in thiadiazole[3,4-c]pyridine-cored panchromatic organic dyes for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3103-3112	13 36
460	Evaluation of berberine/bovine serum albumin nanoparticles for liver fibrosis therapy. <i>Green Chemistry</i> , 2015 , 17, 1640-1646	10 32
459	Phosphorescent iridium(III) complexes based on 2-phenylimidazo[1,2-a]pyridine-type ligands: Synthesis, photophysical, electrochemical, and electrophosphorescent properties. <i>Journal of Organometallic Chemistry</i> , 2015 , 784, 31-40	2.3 12
458	Phosphorescent Cu(I) complexes based on bis(pyrazol-1-yl-methyl)-pyridine derivatives for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 138-146	7.1 44
457	Synthesis and photoelectric properties of new Dawson-type polyoxometalate-based dimeric and oligomeric Pt(II)-acetylide inorganic-organic hybrids. <i>Dalton Transactions</i> , 2015 , 44, 306-15	4.3 6
456	A-D-A Type Small Molecules Based on Boron Dipyrromethene for Solution-Processed Organic Solar Cells. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1513-8	4.5 39
455	Co-sensitization of 3D bulky phenothiazine-cored photosensitizers with planar squaraine dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13848-13855	13 46
454	Effect of phenylamine moiety on the structure, optical properties, and phosphorescence efficiencies of some red-emitting iridium(III) complexes: A theoretical study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 311, 85-94	4.7 6
453	tris-Heteroleptic cyclometalated iridium(III) complexes with ambipolar or electron injection/transport features for highly efficient electrophosphorescent devices. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 252-62	4.5 45
452	Organometallic Versus Organic Molecules for Energy Conversion in Organic Light-Emitting Diodes and Solar Cells. <i>Green Chemistry and Sustainable Technology</i> , 2015 , 1-28	1.1
451	Synthesis, characterization and charge/discharge studies of ferrocene-containing poly(fluorenylethynylene) derivatives as organic cathode materials. <i>Polymer</i> , 2015 , 68, 328-334	3.9 31
450	Recent Advances in Solution-Processable Dendrimers for Highly Efficient Phosphorescent Organic Light-Emitting Diodes (PHOLEDs). <i>Asian Journal of Organic Chemistry</i> , 2015 , 4, 394-429	3 99
449	Organic donor materials based on Bis(arylene ethynylene)s for bulk heterojunction organic solar cells with high V _{oc} values. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1017-24	4.5 8
448	Arylamine-Based Photosensitizing Metal Complexes for Dye-Sensitized Solar Cells 2015 , 1-34	1
447	White polymer light-emitting devices for solid-state lighting: materials, devices, and recent progress. <i>Advanced Materials</i> , 2014 , 26, 2459-73	24 430

- 446 Near infrared luminescent hexanuclear zinclanthanide prisms: Synthesis, structure and luminescent properties. *Inorganica Chimica Acta*, **2014**, 414, 160-164 2.7 7
- 445 Molecular engineering of simple phenothiazine-based dyes to modulate dye aggregation, charge recombination, and dye regeneration in highly efficient dye-sensitized solar cells. *Chemistry - A European Journal*, **2014**, 20, 6300-8 4.8 83
- 444 Topological considerations for the design of molecular donors with multiple absorbing units. *Journal of the American Chemical Society*, **2014**, 136, 5591-4 16.4 44
- 443 Red to near-infrared organometallic phosphorescent dyes for OLED applications. *Journal of Organometallic Chemistry*, **2014**, 751, 261-285 2.3 213
- 442 Preparation of 8-hydroxyquinoline derivatives as potential antibiotics against *Staphylococcus aureus*. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 367-70 2.9 34
- 441 Recent design tactics for high performance white polymer light-emitting diodes. *Journal of Materials Chemistry C*, **2014**, 2, 1760 7.1 239
- 440 Ruthenium(II) Photosensitizers with Electron-Rich Diarylamino-Functionalized 2,2'-Bipyridines and Their Application in Dye-Sensitized Solar Cells. *European Journal of Inorganic Chemistry*, **2014**, 2014, 5322-5330 2.3 8
- 439 Synthesis, characterization and photovoltaic properties of benzo[1,2-b:4,5-b']dithiophene-bridged molecules. *RSC Advances*, **2014**, 4, 63260-63267 3.7 8
- 438 A white phosphorescent coordination polymer with Cu₂I₂ alternating units linked by benzo-18-crown-6. *Dalton Transactions*, **2014**, 43, 12463-6 4.3 40
- 437 Trifunctional Ir(III) ppy-type asymmetric phosphorescent emitters with ambipolar features for highly efficient electroluminescent devices. *Chemical Communications*, **2014**, 50, 2473-6 5.8 70
- 436 A lysosome-specific two-photon phosphorescent binuclear cyclometalated platinum(II) probe for in vivo imaging of live neurons. *Chemical Communications*, **2014**, 50, 4161-3 5.8 33
- 435 Fluorene-bridged organic dyes with di-anchoring groups for efficient co-adsorbent-free dye-sensitized solar cells. *Journal of Materials Chemistry C*, **2014**, 2, 7086 7.1 31
- 434 Preparation and thermoelectric properties of diphenylaminobenzylidene-substituted poly(3-methylthiophene methine)/graphite composite. *RSC Advances*, **2014**, 4, 62096-62104 3.7 9
- 433 Development of ruthenium(II) complexes as topical antibiotics against methicillin resistant *Staphylococcus aureus*. *Dalton Transactions*, **2014**, 43, 3949-57 4.3 48
- 432 A fluorescent probe for intracellular cysteine overcoming the interference by glutathione. *Organic and Biomolecular Chemistry*, **2014**, 12, 6128-33 3.9 63
- 431 Water-soluble luminescent cyclometalated gold(III) complexes with cis-chelating bis(N-heterocyclic carbene) ligands: synthesis and photophysical properties. *Chemistry - A European Journal*, **2014**, 20, 8604-8614 4.8 46
- 430 Panchromatic light harvesting by N719 with a porphyrin molecule for high-performance dye-sensitized solar cells. *Journal of Materials Chemistry C*, **2014**, 2, 3521 7.1 24
- 429 Sensitization of Hep3B hepatoma cells to cisplatin and doxorubicin by corilagin. *Phytotherapy Research*, **2014**, 28, 781-3 6.7 22

428	Improvement of open-circuit voltage and photovoltaic properties of 2D-conjugated polymers by alkylthio substitution. <i>Energy and Environmental Science</i> , 2014 , 7, 2276-2284	35.4	460
427	New simple panchromatic dyes based on thiadiazolo[3,4-c]pyridine unit for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2014 , 102, 196-203	4.6	23
426	Optimizing the photovoltaic performance of thiocyanate-free ruthenium photosensitizers by structural modification of C ^N cyclometalating ligand in dye-sensitized solar cells. <i>Polyhedron</i> , 2014 , 82, 71-79	2.7	6
425	Novel N-heteroaromatic dyes for textile substrates. <i>Chinese Chemical Letters</i> , 2014 , 25, 1165-1168	8.1	2
424	Anti-tumour and pharmacokinetics study of 2-Formyl-8-hydroxy-quinolinium chloride as Galipea longiflora alkaloid analogue. <i>Phytomedicine</i> , 2014 , 21, 877-82	6.5	13
423	Oxidation of Alkylbenzenes with Cerium Complexes Containing a Tripodal Oxygen Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 6097-6103	2.3	11
422	Synthesis and Photophysical Properties of Charged Iridium(III) Cyclometallates Based on Hole-Transporting Carbazole Unit. <i>Applied Mechanics and Materials</i> , 2014 , 633-634, 314-319	0.3	
421	Optical and Electroluminescent Studies of White-Light-Emitting Copolymers Based on Poly(9,9-dioctylfluorene) and Fluorenone Derivatives. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1060-1067	2.6	11
420	The puzzling issue of 'vehicle-treated control' when using ethanol as drug carrier for MCF-7 cells. <i>Phytotherapy Research</i> , 2014 , 28, 1735-6	6.7	0
419	Synthesis, Characterization, and Electroluminescent Properties of Iridium(III) 2-Phenylpyridine-type Complexes Containing Trifluoromethyl Substituents and Various Main-Group Moieties. <i>Israel Journal of Chemistry</i> , 2014 , 54, 999-1014	3.4	10
418	Synthesis, Structures and Properties of Novel Platinum(II) Acetylide Complexes and Polymers with Tri(tolyl)phosphine as the Auxiliary Ligand. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 25, 427	3.2	2
417	Facile Generation of L10-FePt Nanodot Arrays from a Nanopatterned Metallopolymer Blend of Iron and Platinum Homopolymers. <i>Advanced Functional Materials</i> , 2014 , 24, 857-862	15.6	51
416	Design, Synthesis and Luminescence Properties of a Novel White-Light Organic Luminescent Material Derived from Bis(8-hydroxyquinolinato)zinc(II). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 201-207	3.2	6
415	Preparation, Characterization, and Photoelectric Properties of Langmuir-Blodgett Films of Some Europium-Substituted Polyoxometalates and 2-Aminofluorene with Tunable Emission Color. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 665-672	3.2	4
414	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11553	13	88
413	Patterning micro- and nano-structured FePt by direct imprint lithography. <i>Microelectronic Engineering</i> , 2013 , 110, 192-197	2.5	12
412	ZnII Bisterpyridine Metallopolymers: Improved Processability by the Introduction of Polymeric Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 1072-1080	2.6	13
411	Tris(cyclometalated) Iridium(III) Phosphorescent Complexes with 2-Phenylthiazole-Type Ligands: Synthesis, Photophysical, Redox and Electrophosphorescent Behavior. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4754-4763	2.3	19

410	Bulky dendritic triarylamine-based organic dyes for efficient co-adsorbent-free dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2013 , 237, 195-203	8.9	36
409	Interfacial triplet confinement for achieving efficient solution-processed deep-blue and white electrophosphorescent devices with underestimated poly(N-vinylcarbazole) as the host. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4933	7.1	32
408	Thiocyanate-free ruthenium(II) cyclometalated complexes containing uncommon thiazole and benzothiazole chromophores for dye-sensitized solar cells. <i>Journal of Organometallic Chemistry</i> , 2013 , 748, 75-83	2.3	23
407	Synthesis and antitumor activity of a series of osmium(VI) nitrido complexes bearing quinolinolato ligands. <i>Chemical Communications</i> , 2013 , 49, 9980-2	5.8	28
406	Lighting up cysteine and homocysteine in sequence based on the kinetic difference of the cyclization/addition reaction. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 7721-8	3.9	14
405	Importance of alkyl chain-length on the self-assembly of new Ni(qdt) ₂ complexes and charge transport properties. <i>RSC Advances</i> , 2013 , 3, 12075	3.7	2
404	Formation of dynamic metallo-copolymers by inkjet printing: towards white-emitting materials. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1812	7.1	42
403	Dynamic dual stage phosphorescence chromatic change in a diborylated iridium phosphor for fluoride ion sensing with concentration discriminating capability. <i>RSC Advances</i> , 2013 , 3, 6553	3.7	32
402	Light-harvesting ytterbium(III)-porphyrinate-BODIPY conjugates: synthesis, excitation-energy transfer, and two-photon-induced near-infrared-emission studies. <i>Chemistry - A European Journal</i> , 2013 , 19, 739-48	4.8	44
401	Metallophosphors of iridium(III) containing borylated oligothiophenes with electroluminescence down to the near-infrared region. <i>Journal of Organometallic Chemistry</i> , 2013 , 730, 144-155	2.3	43
400	The synthesis, structures and magnetic properties of polynuclear Ru(III)-3d (3d = Mn(II/III), Ni(II), Cu(II)) compounds based on [Ru(III)(Q) ₂ (CN) ₂]-. <i>Dalton Transactions</i> , 2013 , 42, 3876-87	4.3	20
399	Effective phosphorescence quenching in borylated Pt(II) ppy-type phosphors and their application as I ⁻ ion sensors in aqueous medium. <i>Chemical Communications</i> , 2013 , 49, 4406-8	5.8	30
398	Preparation, Characterization and Photoelectric Properties of Hybrid Langmuir-Blodgett Films of Alkynylplatinum(II)Zinc(II) Porphyrinate/Heteropolyoxometalate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 95-103	3.2	1
397	Synthesis, Characterization and Photophysical Properties of Metallopolyyenes and Metallodiynes of Platinum(II) with Dibenzothiophene Derivatives. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 206-215	3.2	11
396	New phenothiazine-based dyes for efficient dye-sensitized solar cells: Positioning effect of a donor group on the cell performance. <i>Journal of Power Sources</i> , 2013 , 243, 253-259	8.9	68
395	Synthesis, photophysics and pyrolytic ceramization of a platinum(II)-containing poly(germylacetylene) polymer. <i>Journal of Organometallic Chemistry</i> , 2013 , 744, 165-171	2.3	15
394	Highly efficient blue and all-phosphorescent white polymer light-emitting devices based on polyfluorene host. <i>Organic Electronics</i> , 2013 , 14, 1909-1915	3.5	19
393	Preparation of Galipea officinalis Hancock type tetrahydroquinoline alkaloid analogues as anti-tumour agents. <i>Phytomedicine</i> , 2013 , 20, 166-71	6.5	8

392	Charge and energy transfers in functional metallophosphors and metallopolynes. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 1614-1649	23.2	159
391	In vivo antitumour activity of amphiphilic silicon(IV) phthalocyanine with axially ligated rhodamine B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2373-6	2.9	4
390	New fluorenone-containing organic photosensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013 , 98, 428-436	4.6	26
389	Squaraine dyes for dye-sensitized solar cells: recent advances and future challenges. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1706-19	4.5	102
388	Small-molecular blue phosphorescent dyes for organic light-emitting devices. <i>New Journal of Chemistry</i> , 2013 , 37, 1665	3.6	174
387	Highly efficient iridium(III) phosphors with phenoxy-substituted ligands and their high-performance OLEDs. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 808-821	7.1	61
386	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. <i>Chemistry of Materials</i> , 2013 , 25, 2146-2153	9.6	231
385	A new two-dimensional oligothiophene end-capped with alkyl cyanoacetate groups for highly efficient solution-processed organic solar cells. <i>Chemical Communications</i> , 2013 , 49, 4409-11	5.8	65
384	Oligothiophene-bridged bis(arylene ethynylene) small molecules for solution-processible organic solar cells with high open-circuit voltage. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1892-900	4.5	13
383	Versatile phosphorescent color tuning of highly efficient borylated iridium(III) cyclometalates by manipulating the electron-accepting capacity of the dimesitylboron group. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 3317	7.1	61
382	Dithienosilole-bridged small molecules with different alkyl group substituents for organic solar cells exhibiting high open-circuit voltage. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7622	13	36
381	New bithiazole-functionalized organic photosensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013 , 96, 516-524	4.6	29
380	Synthesis and two-photon absorption properties of unsymmetrical metallosalophen complexes. <i>Polyhedron</i> , 2013 , 49, 121-128	2.7	10
379	Design and synthesis of heterobimetallic Ru(II)-Ln(III) complexes as chemodosimetric ensembles for the detection of biogenic amine odorants. <i>Analytical Chemistry</i> , 2013 , 85, 8246-53	7.8	47
378	Heterometallic cerium(IV) perrhenate, permanganate, and molybdate complexes supported by the imidodiphosphate ligand [N(i-Pr ₂ PO) ₂]-. <i>Inorganic Chemistry</i> , 2013 , 52, 2556-63	5.1	9
377	Ambipolar organic light-emitting electrochemical transistor based on a heteroleptic charged iridium(III) complex. <i>Applied Physics Letters</i> , 2013 , 102, 083301	3.4	16
376	Study of the cytotoxicity of reactive dyeing effluent treated by Fenton oxidation. <i>Coloration Technology</i> , 2013 , 129, 398-402	2	5
375	Effective enhancement of near-infrared emission by carbazole modification in the Zn ^{II} d bimetallic Schiff-base complexes. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 41-45	3.1	22

374	Platinum(II)-bis(aryleneethynylene) complexes for solution-processible molecular bulk heterojunction solar cells. <i>Chemistry - A European Journal</i> , 2012 , 18, 1502-11	4.8	85
373	Langmuir-Blodgett Films of Hexamolybdate and Naphthylamine Prepared by Two Different Approaches: Synthesis, Characterization, and Materials Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 684-694	2.3	3
372	A polyferroplatinyne precursor for the rapid fabrication of L1(0) -FePt-type bit patterned media by nanoimprint lithography. <i>Advanced Materials</i> , 2012 , 24, 1034-40	24	126
371	High-efficiency single emissive layer white organic light-emitting diodes based on solution-processed dendritic host and new orange-emitting iridium complex. <i>Advanced Materials</i> , 2012 , 24, 1873-7	24	321
370	Dual-Emissive Langmuir-Blodgett Films of a 9,9-Bis(4-ethynylphenyl)fluorene Derivative of Gold(I) and Some Europium-Substituted Polyoxometalates: Preparation, Characterization and Photoelectric Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 97-104	3.2	7
369	Fluorescence turn-on probes for intracellular RNA distribution and their imaging in confocal and two-photon fluorescence microscopy. <i>Sensors and Actuators B: Chemical</i> , 2012 , 173, 329-337	8.5	22
368	Structural, Electronic and Optical Properties of Multifunctional Iridium(III) and Platinum(II) Metallophosphors for Organic Light-Emitting Diodes. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 2431-2439	4.9	1
367	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. <i>Chemical Communications</i> , 2012 , 48, 2525-7	5.8	77
366	Carbazole-based coplanar molecule (CmInF) as a universal host for multi-color electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 215-224		105
365	Highly selective mitochondria-targeting amphiphilic silicon(IV) phthalocyanines with axially ligated rhodamine B for photodynamic therapy. <i>Inorganic Chemistry</i> , 2012 , 51, 812-21	5.1	60
364	New phosphorescent platinum(II) Schiff base complexes for PHOLED applications. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16448		62
363	Corilagin is a potent inhibitor of NF-kappaB activity and downregulates TNF-alpha induced expression of IL-8 gene in cystic fibrosis IB3-1 cells. <i>International Immunopharmacology</i> , 2012 , 13, 308-15	5.8	48
362	Versatile control of the optical bandgap in heterobimetallic polymers through complexation of bithiazole-containing polyplatinyne with ReCl(CO) ₅ . <i>Journal of Organometallic Chemistry</i> , 2012 , 703, 43-50	2.3	11
361	Manipulating charge-transfer character and tuning emission color with electron-withdrawing main-group moieties in iridium-based electrophosphors: a theoretical investigation. <i>Journal of Physical Organic Chemistry</i> , 2012 , 25, 1351-1358	2.1	1
360	Thiazole-based metallophosphors of iridium with balanced carrier injection/transporting features and their two-colour WOLEDs fabricated by both vacuum deposition and solution processing-vacuum deposition hybrid strategy. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7136		61
359	Highly selective red- and green-emitting two-photon fluorescent probes for cysteine detection and their bio-imaging in living cells. <i>Chemical Communications</i> , 2012 , 48, 3442-4	5.8	164
358	The synthesis and photophysical studies of cyclometalated Pt(II) complexes with C,N,N-ligands containing imidazolyl donors. <i>Dalton Transactions</i> , 2012 , 41, 1792-800	4.3	15
357	Synthesis, Characterization and Structural Properties of Some Heterobimetallic Carbonyl Clusters Derived from Diethynylsilane and Diethynyldisilane Ligands. <i>Journal of Cluster Science</i> , 2012 , 23, 885-900		3

356	Metal-Free and Metallated Polymers: Properties and Photovoltaic Performance. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 1300-1310	2.6	10
355	Platinum-based poly(aryleneethynylene) polymers containing thiazolothiazole group with high hole mobilities for field-effect transistor applications. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 603-94.8	4.8	21
354	Simple Tuning of the Optoelectronic Properties of IrIII and PtII Electrophosphors Based on Linkage Isomer Formation with a Naphthylthiazolyl Moiety. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2278-2288	2.3	23
353	Unsymmetric platinum(II) bis(aryleneethynylene) complexes as photosensitizers for dye-sensitized solar cells. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1426-34	4.5	31
352	Synthesis and Structure of Binuclear O/S-Bridged Organobismuth Complexes and Their Cooperative Catalytic Effect on CO ₂ Fixation. <i>ChemPlusChem</i> , 2012 , 77, 404-410	2.8	24
351	Efficient hybrid white polymer light-emitting devices with electroluminescence covered the entire visible range and reduced efficiency roll-off. <i>Applied Physics Letters</i> , 2012 , 100, 063304	3.4	18
350	New low-bandgap polymetallaynes of platinum functionalized with a triphenylamine-benzothiadiazole donor-acceptor unit for solar cell applications. <i>Polymer Chemistry</i> , 2011 , 2, 432-440	4.9	62
349	Synthesis, structures and reactivity of ruthenium nitrosyl complexes containing K10's oxygen tripodal ligand. <i>Dalton Transactions</i> , 2011 , 40, 11043-50	4.3	12
348	Regioregular pyridal[2,1,3]thiadiazole π -conjugated copolymers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18538-41	16.4	191
347	Effect of butterfly-shaped sulfur-bridged ligand and counter anions on the catalytic activity and diastereoselectivity of organobismuth complexes. <i>Dalton Transactions</i> , 2011 , 40, 9482-9	4.3	38
346	Dual coordination modes of ethylene-linked NP ₂ ligands in cobalt(II) and nickel(II) iodides. <i>Inorganic Chemistry</i> , 2011 , 50, 10213-24	5.1	21
345	Synthesis, characterization and photovoltaic properties of platinum-containing poly(aryleneethynylene) polymers with phenanthrenyl-imidazole moiety. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 4112-4120	2.3	17
344	A 2,7-carbazole-based dicationic salt for fluorescence detection of nucleic acids and two-photon fluorescence imaging of RNA in nucleoli and cytoplasm. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3615-8	3.9	68
343	Metal-containing polymers: Facile tuning of photophysical traits and emerging applications in organic electronics and photonics. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 2469-2502	23.2	212
342	New design tactics in OLEDs using functionalized 2-phenylpyridine-type cyclometalates of iridium(III) and platinum(II). <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1706-27	4.5	337
341	Platinum-acetylde polymers with higher dimensionality for organic solar cells. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1766-77	4.5	42
340	Light-emitting dyes derived from bifunctional chromophores of diarylamine and oxadiazole: Synthesis, crystal structure, photophysics and electroluminescence. <i>Dyes and Pigments</i> , 2011 , 88, 333-343.6	4.6	27
339	Highly efficient pure white polymer light-emitting devices based on poly(N-vinylcarbazole) doped with blue and red phosphorescent dyes. <i>Science China Chemistry</i> , 2011 , 54, 671-677	7.9	8

338	Tuning the donor-acceptor strength of low-bandgap platinum-acetylide polymers for near-infrared photovoltaic applications. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1472-7	4.8	65
337	White Organic Light-Emitting Diodes with Evenly Separated Red, Green, and Blue Colors for Efficiency/Color-Rendition Trade-Off Optimization. <i>Advanced Functional Materials</i> , 2011 , 21, 3785-3793	15.6	154
336	Simultaneous optimization of charge-carrier balance and luminous efficacy in highly efficient white polymer light-emitting devices. <i>Advanced Materials</i> , 2011 , 23, 2976-80	24	195
335	Simultaneous enhancement of open-circuit voltage, short-circuit current density, and fill factor in polymer solar cells. <i>Advanced Materials</i> , 2011 , 23, 4636-43	24	1860
334	Crystal Structure, Spectroscopy and Crystal Field Analysis of Substituted 1,10-Phenanthroline-Europium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 637-646	2.3	24
333	Synthesis, Structure, and Photophysical Properties of Some Gadolinium(III) Porphyrinate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3314-3320	2.3	24
332	Design and Synthesis of Near-Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4651-4674	2.3	73
331	Helical Complexes of Chiral Quaterpyridines [Mononuclear Cu(I) and Dinuclear Cu(I) Complexes]. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5112-5124	2.3	10
330	A robust yellow-emitting metallophosphor with electron-injection/-transporting traits for highly efficient white organic light-emitting diodes. <i>ChemPhysChem</i> , 2011 , 12, 2836-43	3.2	29
329	Synthesis, characterization, and DNA-binding and -photocleavage properties of water-soluble lanthanide porphyrinate complexes. <i>Chemistry - A European Journal</i> , 2011 , 17, 7041-52	4.8	24
328	Enantioselective preparation of ferrocenyl amino phosphines and their cytotoxic activities. <i>MedChemComm</i> , 2011 , 2, 881	5	4
327	Heterobimetallic Ru(II)-Eu(III) complex as chemodosimeter for selective biogenic amine odorants detection in fish sample. <i>Analytical Chemistry</i> , 2011 , 83, 289-96	7.8	36
326	Heteroleptic ruthenium complexes containing uncommon 5,5'-disubstituted-2,2'-bipyridine chromophores for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2011 , 40, 2314-23	4.3	26
325	Organometallic acetylides of Pt(II), Au(I) and Hg(II) as new generation optical power limiting materials. <i>Chemical Society Reviews</i> , 2011 , 40, 2541-66	58.5	280
324	Synthesis and Photovoltaic Properties of New Metalloporphyrin-Containing Polyplatinyne Polymers. <i>Macromolecules</i> , 2011 , 44, 5155-5167	5.5	114
323	A Water-Soluble Organometallic Conjugated Polyelectrolyte for the Direct Colorimetric Detection of Silver Ion in Aqueous Media with High Selectivity and Sensitivity. <i>Macromolecules</i> , 2011 , 44, 483-489	5.5	78
322	Synthesis, spectroscopic characterisation and X-ray analysis of regioisomeric 1,3,5-trisubstituted pyrazoles. <i>Journal of Molecular Structure</i> , 2011 , 995, 173-180	3.4	4
321	New blue host materials based on anthracene-containing dibenzothiophene. <i>Organic Electronics</i> , 2011 , 12, 595-601	3.5	36

320	Synthesis, characterization and photovoltaic behavior of platinum acetylide polymers with electron-deficient 9,10-anthraquinone moiety. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1189-1197	2.3	36
319	Preparation, luminescence and photoelectric properties of Langmuir-Blodgett films of alkynylplatinum(II)-zinc(II) porphyrinate/heteropolyoxometalate hybrid composites. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1319-1324	2.3	6
318	Synthesis and structure of an air-stable organobismuth triflate complex and its use as a high-efficiency catalyst for the ring opening of epoxides in aqueous media with aromatic amines. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1579-1583	2.3	33
317	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells		1
316	2-[2-(1,3-Dioxoisindolin-2-yl)acetamido]-acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2969		1
315	Novel use of silymarin as delayed therapy for acetaminophen-induced acute hepatic injury. <i>Research in Complementary Medicine</i> , 2010 , 17, 209-13		12
314	Synthesis, Light-Emitting, and Two-Photon Absorption Properties of Platinum-Containing Poly(arylene-ethynylene)s Linked by 1,3,4-Oxadiazole Units. <i>Macromolecules</i> , 2010 , 43, 7936-7949	5.5	56
313	High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8382		17
312	trans-[Os(III)(salen)(CN) ₂] ⁻ : a new paramagnetic building block for the construction of molecule-based magnetic materials. <i>Inorganic Chemistry</i> , 2010 , 49, 1607-14	5.1	23
311	Accurate Determination of the Index of Refraction of Polymer Blend Films by Spectroscopic Ellipsometry. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 15094-15101	3.8	27
310	Facile separation catalyst system: direct diastereoselective synthesis of (E)- α -unsaturated ketones catalyzed by an air-stable Lewis acidic/basic bifunctional organobismuth complex in ionic liquids. <i>Green Chemistry</i> , 2010 , 12, 1767	10	32
309	Organometallic Gold(I) Acetylide/Polyoxometalate Hybrid Langmuir-Blodgett Films: Preparation, Characterization, and Photoelectric Properties. <i>Australian Journal of Chemistry</i> , 2010 , 63, 103	1.2	7
308	5-(Dimethylamino)-N-(4-ethynylphenyl)-1-naphthalenesulfonamide as a novel bifunctional antitumor agent and two-photon induced bio-imaging probe. <i>Chemical Communications</i> , 2010 , 46, 3538-40	5.8	21
307	Formation of μ -dinitrogen (salen)osmium complexes via ligand-induced N \equiv N coupling of (salen)osmium(VI) nitrides. <i>Dalton Transactions</i> , 2010 , 39, 11163-70	4.3	29
306	Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7472		199
305	Langmuir-Blodgett Films of Dinuclear Mercury(II)-Containing Diethynylcarbazole/Polyoxometalate Hybrids: Film Characterization Studies and Potential Optoelectronic Applications. <i>Australian Journal of Chemistry</i> , 2010 , 63, 1376	1.2	1
304	Organometallic photovoltaics: a new and versatile approach for harvesting solar energy using conjugated polymetallaynes. <i>Accounts of Chemical Research</i> , 2010 , 43, 1246-56	24.3	401
303	Electrophosphorescent heterobimetallic oligometallaynes and their applications in solution-processed organic light-emitting devices. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 2405-14	4.5	34

302	Robust and highly efficient blue light-emitting hosts based on indene-substituted anthracene. <i>Journal of Materials Chemistry</i> , 2010 , 20, 3768		57
301	The preparation of bi-functional organophosphine oxides as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5527-30	6.8	13
300	Synthesis, Characterization and Crystal Structures of Some Linked Metal Carbonyl Clusters Derived from Diethynyl-Substituted Silane and Disilane Ligands. <i>Journal of Cluster Science</i> , 2010 , 21, 461-484	3	5
299	Synthesis, Characterization and Photovoltaic Behavior of a Very Narrow-Bandgap Metallopolyyne of Platinum: Solar Cells with Photocurrent Extended to Near-Infrared Wavelength. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 478-487	3.2	19
298	In vivo anti-tumour activity of corilagin on Hep3B hepatocellular carcinoma. <i>Phytomedicine</i> , 2010 , 18, 11-5	6.5	45
297	Trans-cis isomerization of 4-(2-(9-anthryl)vinyl)pyridine. Molecular structures and 1H NMR kinetic studies. <i>Chinese Journal of Chemistry</i> , 2010 , 17, 100-107	4.9	2
296	Synthesis of 9,9-dialkyl-4,5-diazafluorene derivatives and their structure-activity relationships toward human carcinoma cell lines. <i>ChemMedChem</i> , 2010 , 5, 559-66	3.7	19
295	Near-Infrared Luminescent, Neutral, Cyclic Zn ₂ Ln ₂ (Ln = Nd, Yb, and Er) Complexes from Asymmetric Salen-Type Schiff Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2714-2722	2.3	51
294	Practical Synthetic Approach to Chiral Sulfonimides (CSIs) [Chiral Brønsted Acids for Organocatalysis. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4181-4184	3.2	49
293	Highly Efficient and Selective Synthesis of (E)- α -Unsaturated Ketones by Crossed Condensation of Ketones and Aldehydes Catalyzed by an Air-Stable Cationic Organobismuth Perfluorooctanesulfonate. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 153-162	5.6	47
292	Second Generation CaSH (Camphor Sulfonyl Hydrazine) Organocatalysis. Asymmetric Diels-Alder Reactions and Isolation of the Catalytic Intermediate. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2142-2146	5.6	21
291	One-dimensional ferromagnetically coupled bimetallic chains constructed with trans-[Ru(acac) ₂ (CN) ₂]-: syntheses, structures, magnetic properties, and density functional theoretical study. <i>Chemistry - A European Journal</i> , 2010 , 16, 3524-35	4.8	70
290	Photocontrolled living anionic polymerization of phosphorus-bridged [1]ferrocenophanes: a route to well-defined polyferrocenylphosphine (PFP) homopolymers and block copolymers. <i>Chemistry - A European Journal</i> , 2010 , 16, 3240-50	4.8	58
289	Polymers for Organic Electronics. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2460-2463	2.6	9
288	Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the trans-Bis(para-ethynylbenzene)bis(phosphine)platinum(II) Chromophore and Related Derivatives. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 671-713	4.8	172
287	Very-low-bandgap metallopolyyenes of platinum with a cyclopentadithiophenone ring for organic solar cells absorbing down to the near-infrared spectral region. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 861-7	4.8	55
286	Reduced efficiency roll-off in highly efficient and color-stable hybrid WOLEDs: The influence of triplet transfer and charge-transport behavior on enhancing device performance. <i>Organic Electronics</i> , 2010 , 11, 238-246	3.5	72
285	Chiral C ₁ -symmetric 2,2':6',2''-terpyridine ligands: Synthesis, characterization, complexation with copper(II), rhodium(III) and ruthenium(II) ions and use of the complexes in catalytic cyclopropanation of styrene. <i>Polyhedron</i> , 2010 , 29, 1497-1507	2.7	21

284	Synthesis and structure of an air-stable organoantimony complex and its use as a catalyst for direct diastereoselective Mannich reactions in water. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1487-1492 ^{2,3}	33
283	Recent progress and current challenges in phosphorescent white organic light-emitting diodes (WOLEDs). <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2010 , 11, 133-156	16.4 289
282	Realization of highly efficient white polymer light-emitting devices via interfacial energy transfer from poly(N-vinylcarbazole). <i>Organic Electronics</i> , 2010 , 11, 529-534	3.5 32
281	Theoretical study on photophysical properties of angular-shaped mercury(II) bis(acetylide) complexes as light-emitting materials. <i>Chemical Physics</i> , 2010 , 368, 66-75	2.3 6
280	Preparation, characterization, and electrical properties of dual-emissive Langmuir-Blodgett films of some europium-substituted polyoxometalates and a platinum polyynes polymer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 879-888	2.5 15
279	Improving efficiency roll-off in organic light emitting devices with a fluorescence-interlayer-phosphorescence emission architecture. <i>Applied Physics Letters</i> , 2009 , 95, 133304 ^{2,4}	22
278	Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: involvement of cytochrome P450 CYP2E1. <i>Phytomedicine</i> , 2009 , 16, 751-60	6.5 49
277	Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Trade-off Optimization. <i>Advanced Functional Materials</i> , 2009 , 19, 531-544	15.6 122
276	Efficient Polymer White-Light-Emitting Devices for Solid-State Lighting. <i>Advanced Materials</i> , 2009 , 21, 4181-4184	24 302
275	The synthesis and one- and two-photon optical properties of dipolar, quadrupolar and octupolar donor-acceptor molecules containing dimesitylboryl groups. <i>Chemistry - A European Journal</i> , 2009 , 15, 198-208	4.8 184
274	The controlled formation and cleavage of an intramolecular d8-d8 Pt-Pt interaction in a dinuclear cycloplatinated molecular "pivot-hinge". <i>Chemistry - A European Journal</i> , 2009 , 15, 7689-97	4.8 22
273	Synthesis, Characterization, Singlet-Oxygen Photogeneration, DNA Photocleavage and Two-Photon-Absorption Properties of Some (4-Cyanophenyl)porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 922-928	2.3 28
272	Synthesis, Crystal Structure, and Photophysical Properties of Novel (Monophthalocyaninato)lanthanide Complexes Stabilized by an Organometallic Tripodal Ligand. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1243-1247	2.3 19
271	Efficient Electrophosphorescence from a Platinum Metallopolyyne Featuring a 2,7-Carbazole Chromophore. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 1786-1798	2.6 55
270	Antitumor activity of diethynylfluorene derivatives of gold(I). <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7872-7	3.4 56
269	Synthesis, Optical Properties and Photophysics of Group 10 ² Transition Metal Complexes and Polymer Derived from a Central Tris(p-ethynylphenyl)amine Unit. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009 , 19, 46-54	3.2 10
268	8-Quinolinolato complexes of ruthenium(II) and (III). <i>Inorganica Chimica Acta</i> , 2009 , 362, 1149-1157	2.7 12
267	Cobalt and iron complexes of chiral C1- and C2-terpyridines: Synthesis, characterization and use in catalytic asymmetric cyclopropanation of styrenes. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3267-3273	2.7 33

266	Multinuclear NIR luminescent 1,4-BDC bridged Schiff-base complexes of Nd(III). <i>Polyhedron</i> , 2009 , 28, 27-32	2.7	50
265	Harvesting solar energy using conjugated metallopolyne donors containing electron-rich phenothiazine- <i>l</i> igothiophene moieties. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2717-2726	2.3	50
264	Synthesis, characterization, photophysics and electrophosphorescent applications of phosphorescent platinum cyclometalated complexes with 9-arylcarbazole moieties. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2735-2749	2.3	61
263	Synthesis, structure, and in vitro antiproliferative activity of cyclic hypervalent organobismuth(III) chlorides and their triphenylgermylpropionate derivatives. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3019-3026	2.3	42
262	Challenges in organometallic research [Great opportunity for solar cells and OLEDs. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2644-2647	2.3	38
261	Preparation, luminescent, structural and electrical properties of Langmuir-Blodgett films of new organomercurial acetylide complex/heteropolyoxometalate hybrid composites. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2786-2792	2.3	7
260	Synthesis and structure of an air-stable hypervalent organobismuth (III) perfluorooctanesulfonate and its use as high-efficiency catalyst for Mannich-type reactions in water. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3559-3564	2.3	37
259	Heavy metal organometallic electrophosphors derived from multi-component chromophores. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1709-1758	23.2	564
258	Phosphorescence color tuning by ligand, and substituent effects of multifunctional iridium(III) cyclometalates with 9-arylcarbazole moieties. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 89-103	4.5	127
257	Stereoselective formation of helical binuclear metal complexes: synthesis, characterization, and crystal structures of chiral bis-rhenium(I) quaterpyridine complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 4108-4117	5.7	20
256	Functional metallophosphors for effective charge carrier injection/transport: new robust OLED materials with emerging applications. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4457		484
255	Synthesis and Photophysical Properties of Ruthenium(II) Isocyanide Complexes Containing 8-Quinolinolate Ligands. <i>Organometallics</i> , 2009 , 28, 5709-5714	3.8	22
254	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar A ₂ A systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009 , 19, 7532		76
253	Intrachain Electron and Energy Transfers in Metal Diynes and Polyynes of Group 10-11 Transition Elements Containing Various Carbazole and Fluorene Hybrids. <i>Macromolecules</i> , 2009 , 42, 6902-6916	5.5	70
252	Heteronuclear trimetallic and 1D polymeric 3d-4f Schiff base complexes with OCN- and SCN- ligands. <i>Dalton Transactions</i> , 2009 , 9595-602	4.3	49
251	Duplicating "sunlight" from simple WOLEDs for lighting applications. <i>Chemical Communications</i> , 2009 , 3574-6	5.8	132
250	A versatile color tuning strategy for iridium(III) and platinum(II) electrophosphors by shifting the charge-transfer states with an electron-deficient core. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1872		76
249	SYNTHESIS, CHARACTERIZATION AND PHOTOLUMINESCENT PROPERTIES OF NEW PLATINUM-CONTAINING POLY(FLUORENYLENEETHYNYLENE) ANCHORED WITH CARBAZOLE PENDANTS. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2009 , 27, 455	3.5	5

248	1-(2,6-Dichloro-phen-yl)indolin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o583		3
247	4-Benz-yloxy-3-methoxy-benzonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o572		
246	3-(4-Fluoro-benz-yl)-1H-isochromene-1-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o500		
245	3-Benzyl-isochroman-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o498		
244	Novel host materials for single-component white organic light-emitting diodes based on 9-naphthylanthracene derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4529		59
243	Tetranuclear NIR luminescent Schiff-base Zn ^{II} d complexes. <i>New Journal of Chemistry</i> , 2008 , 32, 127-131	3.6	83
242	Proton-Bridged Dinuclear (salen)Ru Carbene Complexes: Synthesis, Structure, and Reactivity of $\{[(\text{salchda})\text{Ru}^{\text{II}}\text{C}(\text{OR})(\text{CH}^{\text{I}}\text{CPh}_2)]_2[\text{H}]^+\}$. <i>Organometallics</i> , 2008 , 27, 324-326	3.8	23
241	2-Propyl-4H-thia-zolo[3,2-a][1,3,5]triazine-4-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o722		3
240	Synthesis and Characterization of Some Metal Complexes of 4,5-Diazafluoren-9-one and their Biological Effects on Human Carcinoma Cells. <i>Australian Journal of Chemistry</i> , 2008 , 61, 975	1.2	7
239	High-efficiency and color-stable white organic light-emitting devices based on sky blue electrofluorescence and orange electrophosphorescence. <i>Applied Physics Letters</i> , 2008 , 92, 083301	3.4	110
238	Multifunctional metallophosphors with anti-triplet-triplet annihilation properties for solution-processable electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2008 , 18, 1799		106
237	Methyl 2-[2-(2,6-dichloro-anilino)-phenyl]-acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2400		2
236	Synthesis, Characterization and Crystal Structures of New Difurylphosphido-bridged Dinuclear Ruthenium Carbonyl Complexes Derived from Ferrocenylacetylene Ligands. <i>Journal of Cluster Science</i> , 2008 , 19, 231-245	3	3
235	Synthesis, Characterization and Photoluminescence of Dimeric and Polymeric Metallaynes of Group 10 ^{II} Metals Containing Conjugation-breaking Diphenylmethane Unit. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008 , 18, 155-162	3.2	7
234	Synthesis and Characterization of a Novel Diblock Copolymer with a Polyrotaxane Block. <i>Polymer Bulletin</i> , 2008 , 61, 53-62	2.4	3
233	Polyplatinayne/polyoxometalate composite Langmuir-Blodgett films: Preparation, structural characterization, and potential optoelectronic applications. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3193-3206	2.5	16
232	Metallopolyyne Polymers as New Functional Materials for Photovoltaic and Solar Cell Applications. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 14-24	2.6	136
231	Organometallic Polymer Light-Emitting Diodes Derived from a Platinum(II) Polyne Containing the Bithiazole Ring. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 1319-1332	2.6	46

230	Regio- and stereoselective synthesis of isoxazolidine derivatives by asymmetric 1,3-dipolar cycloaddition reaction of chiral nitrones with 1-propene-1,3-sultone. <i>Journal of Heterocyclic Chemistry</i> , 2008 , 45, 957-962	1.9	7
229	Intrachain electron and energy transfer in conjugated organometallic oligomers and polymers. <i>Chemistry - A European Journal</i> , 2008 , 14, 8341-52	4.8	50
228	Synthesis, Photophysical Characterization, and Surface Photovoltage Spectra of Windmill-Shaped PhthalocyaninePorphyrin Heterodimers and Heteropentamers. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 119-128	2.3	17
227	Self-Assembly of Luminescent Platinum-Salen Schiff-Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 523-528	2.3	23
226	A Pair of Coordination Donor-Acceptor Ensembles for the Detection of Tartrate in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1318-1325	2.3	7
225	Reactivity of Cationic Lanthanide(III) Monoporphyrinates towards Anionic Cyanometallates □ Preparation, Crystal Structure, and Luminescence Properties of Cyanido-Bridged Di- and Trinuclear d□ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3515-3523	2.3	21
224	Synthesis, Structure and Spectroscopic Properties of Lanthanide Complexes of N-Confused Porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3151-3162	2.3	17
223	Synthesis, Structures, and Oxidation of Iridium(III) Alkyl Compounds Containing Thiolate and Dithiolate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4353-4359	2.3	8
222	Synthesis and lithographic patterning of FePt nanoparticles using a bimetallic metallopolyne precursor. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1255-9	16.4	98
221	Red-Light-Emitting Iridium Complexes with Hole-Transporting 9-Arylcarbazole Moieties for Electrophosphorescence Efficiency/Color Purity Trade-off Optimization. <i>Advanced Functional Materials</i> , 2008 , 18, 319-331	15.6	212
220	Manipulating Charge-Transfer Character with Electron-Withdrawing Main-Group Moieties for the Color Tuning of Iridium Electrophosphors. <i>Advanced Functional Materials</i> , 2008 , 18, 499-511	15.6	458
219	A Multifunctional Iridium-Carbazolyl Orange Phosphor for High-Performance Two-Element WOLED Exploiting Exciton-Managed Fluorescence/Phosphorescence. <i>Advanced Functional Materials</i> , 2008 , 18, 928-937	15.6	241
218	Effect of Oligothieryl Chain Length on Tuning the Solar Cell Performance in Fluorene-Based Polyplatinyenes. <i>Advanced Functional Materials</i> , 2008 , 18, 2824-2833	15.6	121
217	Synthesis and Lithographic Patterning of FePt Nanoparticles Using a Bimetallic Metallopolyne Precursor. <i>Angewandte Chemie</i> , 2008 , 120, 1275-1279	3.6	6
216	Synthesis, structure and photophysics of binuclear gold(I) and mercury(II) complexes derived from 2,5-bis(ethynylphenyl)-1,3,4-oxadiazole. <i>Journal of Molecular Structure</i> , 2008 , 890, 150-156	3.4	11
215	Construction and NIR luminescent property of hetero-bimetallic Zn□d complexes from two chiral salen-type Schiff-base ligands. <i>Journal of Molecular Structure</i> , 2008 , 891, 450-455	3.4	42
214	A yellow-emitting iridium complex for use in phosphorescent multiple-emissive-layer white organic light-emitting diodes with high color quality and efficiency. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 1518-1527	2.3	83
213	Synthesis, characterization and photovoltaic properties of a low-bandgap platinum(II) polyne functionalized with a 3,4-ethylenedioxythiophene-benzothiadiazole hybrid spacer. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 3603-3612	2.3	49

212	Oxadisilole fused pentacenequinones and heptacenequinones. <i>Tetrahedron Letters</i> , 2008 , 49, 1257-1260	2	10
211	A near-infrared fluorescent chemodosimeter for silver(I) ion based on an expanded porphyrin. <i>Tetrahedron Letters</i> , 2008 , 49, 1843-1846	2	43
210	An ultrasonic wave-assisted synthesis of meso-amidinophenyl substituted porphyrins. <i>Tetrahedron Letters</i> , 2008 , 49, 2114-2118	2	5
209	Robust tris-cyclometalated iridium(III) phosphors with ligands for effective charge carrier injection/transport: synthesis, redox, photophysical, and electrophosphorescent behavior. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1830-41	4.5	93
208	Polymer solar cells based on very narrow-bandgap polyplatinyne with photocurrents extended into the near-infrared region. <i>Dalton Transactions</i> , 2008 , 5484-94	4.3	49
207	N-(Thia-zol-2-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1516		1
206	5-(3-Methoxy-phenethyl-yl)-4-(2-methoxy-phen-yl)-4H-1,2,4-triazol-3-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2180		1
205	Transition Metal Acetylide Polymers Containing Main Group Elements in the Main Chain: Synthesis, Light Emission and Optoelectronic Applications 2008 , 37-69		1
204	Methyl 3-(4-methoxy-benzo-yl)propionate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2391		
203	1-(1,3-Benzothia-zol-2-yl)-3-benzoyl-thio-urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o20		9
202	Supramolecular double helical Cu(I) complexes for asymmetric cyclopropanation. <i>Chemical Communications</i> , 2007 , 5203-5	5.8	63
201	Multiple bismuth(III)-thioether secondary interactions integrate metalloporphyrin ligands into functional networks. <i>Inorganic Chemistry</i> , 2007 , 46, 4844-9	5.1	11
200	Unusual iron(II) and cobalt(II) complexes derived from monodentate arylamido ligands. <i>Inorganic Chemistry</i> , 2007 , 46, 7695-7	5.1	32
199	Langmuir-Blodgett Films of Heteropolyoxometalate/Organomercury Acetylide Hybrid Composites: Characterization and Photoelectric Properties. <i>Chemistry of Materials</i> , 2007 , 19, 1704-1711	9.6	30
198	Synthesis and spectroscopic studies of cyclometalated Pt(II) complexes containing a functionalized cyclometalating ligand, 2-phenyl-6-(1H-pyrazol-3-yl)-pyridine. <i>Inorganic Chemistry</i> , 2007 , 46, 3603-12	5.1	74
197	Fluorescent Ethenyl- and Ethynyl-dimesitylboranes Derived from 5-(Dimethylamino)-N-(prop-2-ynyl)naphthalene-1-sulfonamide. <i>Australian Journal of Chemistry</i> , 2007 , 60, 915	1.2	17
196	Triphenylamine-dendronized pure red iridium phosphors with superior OLED efficiency/color purity trade-offs. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1149-51	16.4	332
195	Multifunctional Iridium Complexes Based on Carbazole Modules as Highly Efficient Electrophosphors. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1558-1558	16.4	3

194	Triphenylamine-Dendronized Pure Red Iridium Phosphors with Superior OLED Efficiency/Color Purity Trade-Offs. <i>Angewandte Chemie</i> , 2007 , 119, 1167-1169	3.6	64
193	Efficient Organic Light-Emitting Diodes based on Sublimable Charged Iridium Phosphorescent Emitters. <i>Advanced Functional Materials</i> , 2007 , 17, 315-323	15.6	145
192	Optical Power Limiters Based on Colorless Di-, Oligo-, and Polymetallaynes: Highly Transparent Materials for Eye Protection Devices. <i>Advanced Functional Materials</i> , 2007 , 17, 963-975	15.6	132
191	Solution-Processible Multi-component Cyclometalated Iridium Phosphors for High-Efficiency Orange-Emitting OLEDs and Their Potential Use as White Light Sources. <i>Advanced Functional Materials</i> , 2007 , 17, 2925-2936	15.6	149
190	Syntheses, Structures and Optical Nonlinearities of Heteroselenometallic WBeCu Cluster Compounds Containing Bridging Phosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2189-2197	2.3	6
189	Synthesis, Structures and Optical Power Limiting of Some Transition Metal and Lanthanide Monoporphyrinate Complexes Containing Electron-Rich Diphenylamino Substituents. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2004-2013	2.3	43
188	Synthesis, Characterization, and Photophysical Properties of Some Heterodimetallic Bisporphyrins of Ytterbium and Transition Metals [Enhancement and Lifetime Extension of Yb ³⁺ Emission by Transition-Metal Porphyrin Sensitization. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3365-3374	2.3	35
187	Electron-Deficient Acridone Derivatives as a New Functional Core Towards Low-Bandgap Metallopolynes. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1129-1136	2.6	22
186	Synthesis and characterization of oxadisilole fused benzo[b]triphenylene. <i>Tetrahedron Letters</i> , 2007 , 48, 2421-2425	2	18
185	A novel reductive ring-opening reaction of isoxazolidine to form functionalized 1,3-amino-alcohol. <i>Chinese Chemical Letters</i> , 2007 , 18, 629-632	8.1	1
184	Synthesis, structure, reactivity and photoluminescence of lanthanide(III) monoporphyrinate complexes. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2386-2399	23.2	104
183	Mercury alkynyls as versatile templates for new organometallic materials and polymers. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2400-2427	23.2	102
182	Exploring a series of monoethynylfluorenes as alkynylating reagents for mercuric ion: Synthesis, spectroscopy, photophysics and potential use in mercury speciation. <i>Inorganica Chimica Acta</i> , 2007 , 360, 109-121	2.7	32
181	Syntheses, structures, and optical properties of heteroselenometallic WBeAg polymer compounds {[Et ₄ N][WSe ₄ Ag]} _n and {[Ln(Me ₂ SO) ₈][WSe ₄ Ag]} _n (Ln=Pr, Er). <i>Polyhedron</i> , 2007 , 26, 3182-3188	2.7	3
180	Electronic structure and optical properties of germanium-bridged platinum(II)-containing diethynylfluorene monomer and oligomers: A theoretical investigation. <i>Polymer</i> , 2007 , 48, 6457-6463	3.9	17
179	New platinum(II) complexes as triplet emitters for high-efficiency monochromatic pure orange electroluminescent devices. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 3461-3473	2.3	69
178	5-Methoxyindan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o165-o166		1
177	N-Benzyl-4,5-dimethoxy-2-nitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o335-o336		

176	3,5-Difluorobenzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o1176-o1177	1	
175	Phenyl 3-phenyloxiran-2-yl ketone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o1721-o1722	1	
174	N [?] -(4-Fluorobenzoyl)-3,4,5-trimethoxybenzohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3052-o3052		
173	3-(4-Methoxyphenethyl)-4-(2-methoxyphenyl)-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3502-o3502		
172	3-(4-Fluorobenzyl)-4-(2-methoxyphenyl)-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3501-o3501		
171	2-[(1E,4E)-2-(4-Methoxyphenyl)-3H-benzo[b][1,4]diazepin-4-yl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3554-o3554	1	
170	2-[(1E,4E)-4-(2-Methoxyphenyl)-3H-benzo[b][1,5]diazepin-2-yl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3600-o3600		
169	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells. <i>Nature Materials</i> , 2007 , 6, 521-7	27	523
168	On the efficiency of polymer solar cells. <i>Nature Materials</i> , 2007 , 6, 704-705	27	21
167	Tuning the absorption, charge transport properties, and solar cell efficiency with the number of thienyl rings in platinum-containing poly(aryleneethynylene)s. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14372-80	16.4	231
166	Synthesis, Optical Properties, and Photoluminescence of Organometallic Acetylide Polymers of Platinum Functionalized with Si and Ge-Bridged Bis(3,6-Diethynyl-9-butylcarbazole). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007 , 17, 189-200	3.2	25
165	Luminescent organometallic poly(aryleneethynylene)s: functional properties towards implications in molecular optoelectronics. <i>Dalton Transactions</i> , 2007 , 4495-510	4.3	198
164	Exploring the Coordination Chemistry of Some Organometallic Mercury Derivatives of 4-Ethynylpyridine. <i>Australian Journal of Chemistry</i> , 2007 , 60, 429	1.2	1
163	Spatial extent of the singlet and triplet excitons in luminescent angular-shaped transition-metal diynes and polyynes comprising non-pi-conjugated group 16 main group elements. <i>Chemistry - A European Journal</i> , 2006 , 12, 2550-63	4.8	67
162	Synthesis, crystal structures, linear and nonlinear optical properties, and theoretical studies of (p-R-phenyl)-, (p-R-phenylethynyl)-, and (E)-[2-(p-R-phenyl)ethenyl]dimesitylboranes and related compounds. <i>Chemistry - A European Journal</i> , 2006 , 12, 2758-71	4.8	207
161	Novel μ_5 -coordination modes of aryl and alkyl ethynides and classification of metal-ligand interactions in silver(I) complexes. <i>Chemistry - A European Journal</i> , 2006 , 12, 4865-72	4.8	61
160	A near-infrared-fluorescent chemodosimeter for mercuric ion based on an expanded porphyrin. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3150-4	16.4	231
159	White metallopolynes for optical limiting/transparency trade-off optimization. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6189-93	16.4	115

158	Multifunctional iridium complexes based on carbazole modules as highly efficient electrophosphores. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7800-3	16.4	193
157	The Template Effect of Palladium(II): Synthesis, Characterization, and Crystal Structures of 2,4-Substituted 1,3,5-Triazapentadienatopalladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3634-3640	2.3	23
156	Bulky-Hindrance-Controlled Ligand Transformation from Linked Bis(amidinate) to Linked Imido-Amidinate Promoted by a Mono(cyclopentadienyl)titanium Group. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4903-4907	2.3	18
155	Synthesis and Luminescent Properties of Platinum-Containing Polyynes with Tetraacetylenic 9,9-Dihexylfluorene Units. <i>Chinese Journal of Chemistry</i> , 2006 , 24, 1020-1025	4.9	2
154	A Near-Infrared-Fluorescent Chemodosimeter for Mercuric Ion Based on an Expanded Porphyrin. <i>Angewandte Chemie</i> , 2006 , 118, 3222-3226	3.6	64
153	White Metallopolyyenes for Optical Limiting/Transparency Trade-off Optimization. <i>Angewandte Chemie</i> , 2006 , 118, 6335-6339	3.6	6
152	Multifunctional Iridium Complexes Based on Carbazole Modules as Highly Efficient Electrophosphors. <i>Angewandte Chemie</i> , 2006 , 118, 7964-7967	3.6	19
151	Amorphous Diphenylaminofluorene-Functionalized Iridium Complexes for High-Efficiency Electrophosphorescent Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2006 , 16, 838-846	15.6	177
150	Crystal structure of picolinic acid hydrazide, C ₆ H ₇ N ₃ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 307-308	0.2	2
149	Evolution of Lowest Singlet and Triplet Excited States with Electronic Structure of Fluorene Group in Metal Polyyne Polymers. <i>ACS Symposium Series</i> , 2006 , 374-391	0.4	1
148	A "molecular pivot-hinge" based on the pH-regulated intramolecular switching of Pt-Pt and pi-pi interactions. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16434-5	16.4	84
147	Oxidation of nitrite by a trans-dioxoruthenium(VI) complex: direct evidence for reversible oxygen atom transfer. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14669-75	16.4	22
146	Effect of Acetylenic Chain Length on the Tuning of Functional Properties in Fluorene-Bridged Polymetallaynes and Their Molecular Model Compounds. <i>Chemistry of Materials</i> , 2006 , 18, 1369-1378	9.6	54
145	Synthesis of oligophenylene-substituted calix[4]crown-4s and their silver(I) ion-induced nanocones formation. <i>Journal of Organic Chemistry</i> , 2006 , 71, 940-6	4.2	18
144	High-Efficiency White Organic Light-Emitting Devices Based on a Highly Amorphous Iridium(III) Orange Phosphor. <i>Chemistry of Materials</i> , 2006 , 18, 5097-5103	9.6	131
143	Phosphorescent platinum(II) complexes derived from multifunctional chromophores: synthesis, structures, photophysics, and electroluminescence. <i>Inorganic Chemistry</i> , 2006 , 45, 10922-37	5.1	203
142	Photoluminescence and electroluminescence of oligoacetylenic silanes and germanes. <i>Synthetic Metals</i> , 2006 , 156, 110-116	3.6	16
141	Crystal structure of 2-bromobenzoic acid hydrazide, C ₇ H ₇ BrN ₂ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 305-306	0.2	2

140	Rigid-Rod Polymetallaynes 2006 , 247-286		3
139	Crystal structure of picolinic acid hydrazide, C ₆ H ₇ N ₃ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 307-308	0.2	0
138	Synthesis, Characterization, and Photophysics of a New Trinuclear Mercury(II) Complex of 1,3,5-Triethynylbenzene. <i>Australian Journal of Chemistry</i> , 2006 , 59, 434	1.2	10
137	3H-Furo[3,4-c]isochromene-1,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o4022-o4023		
136	3-(2-Chloro-4-fluorophenyl)-1H-isochromen-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o4539-o4540		
135	3-(2-Chloro-6-fluorophenyl)-1H-isochromen-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5244-o5245		
134	3-(4-Fluorobenzyl)isocoumarin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5612-o5613		
133	Synthesis and light-emitting properties of platinum-containing oligoynes and polyynes derived from oligo(fluorenyleneethynylsilylene)s. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4804-4824	2.5	33
132	Exploring 9-arylcarbazole moiety as the building block for the synthesis of photoluminescent group 10 heavy metal diynes and polyynes with high-energy triplet states. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 5588-5607	2.5	25
131	Di-, oligo- and polymetallaynes: Syntheses, photophysics, structures and applications. <i>Coordination Chemistry Reviews</i> , 2006 , 250, 2627-2690	23.2	273
130	Iridium and rhodium complexes containing dichalcogenoimidodiphosphinato ligands. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2712-2720	2.7	16
129	Synthesis, structures and photoluminescence behavior of some group 10 metal alkynyl complexes derived from 3-(N-carbazolyl)-1-propyne. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 395-402	2.3	16
128	Complexation of 4,4'-di(tert-butyl)-5-ethynyl-2,2'-bithiazole with mercury(II) ion: Synthesis, structures and analytical applications. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1092-1100	2.3	29
127	Synthesis, spectroscopy, structures and photophysics of metal alkynyl complexes and polymers containing functionalized carbazole spacers. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 4028-4041	2.3	33
126	Synthesis of tetra-oligothiophene-substituted calix[4]arenes and their optical and electrochemical properties. <i>Tetrahedron</i> , 2006 , 62, 7846-7853	2.4	15
125	Heterobimetallic Zn(II)-Ln(III) phenylene-bridged schiff base complexes, computational studies, and evidence for singlet energy transfer as the main pathway in the sensitization of near-infrared Nd ³⁺ luminescence. <i>Inorganic Chemistry</i> , 2006 , 45, 9315-25	5.1	149
124	Synthesis and crystal structure of the first lanthanide complex of N-confused porphyrin with an eta ² agostic C-H interaction. <i>Chemical Communications</i> , 2005 , 1022-4	5.8	28
123	Design and synthesis of heterobimetallic donor-acceptor chemodosimetric ensembles for the detection of sulfhydryl-containing amino acids and peptides. <i>Dalton Transactions</i> , 2005 , 475-84	4.3	23

122	Large Optical-Limiting Response in Some Solution-Processable Polyplatinaynes. <i>Chemistry of Materials</i> , 2005 , 17, 5209-5217	9.6	90
121	A Multifunctional Platinum-Based Triplet Emitter for OLED Applications#. <i>Organometallics</i> , 2005 , 24, 4079-4082	3.8	179
120	Synthesis and Characterization of Blue-Light-Emitting Alternating Copolymers of 9,9-Dihexylfluorene and 9-Arylcarbazole. <i>Macromolecules</i> , 2005 , 38, 4970-4976	5.5	76
119	Dipyrrolylquinoxaline-bridged Schiff bases: a new class of fluorescent sensors for mercury(II). <i>Dalton Transactions</i> , 2005 , 3235-40	4.3	55
118	Asymmetric epoxidation of N-enoylsultams with urea-hydrogen peroxide/trifluoroacetic anhydride. <i>Journal of Chemical Research</i> , 2005 , 2005, 755-756	0.6	2
117	Synthesis and Luminescent Properties of Mercury(II) Polyynes Containing Derivatized Benzene in the Backbone. <i>Australian Journal of Chemistry</i> , 2005 , 58, 799	1.2	12
116	Carbon-rich organometallics: synthesis and characterization of new ferrocenyl end-capped bis(butadiynyl) fluorene derivatives. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 177-186	2.3	27
115	Evolution of lowest singlet and triplet excited states with transition metals in group 10 π 2 metallaynes containing biphenyl spacer. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 5036-5048	2.3	63
114	Synthesis and structural characterization of some arylamidinium diphenylphosphinates: Formation of one-, two- and three-dimensional networks by charge-assisted hydrogen bonds. <i>Polyhedron</i> , 2005 , 24, 927-939	2.7	13
113	Synthesis of chiral sultams and their application as chiral auxiliaries in an asymmetric Diels-Alder reaction. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 761-771		22
112	Metallated molecular materials of fluorene derivatives and their analogues. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 971-997	23.2	161
111	Synthesis, Crystal Structures and Photophysical Properties of Novel Tetranuclear Cadmium(II) Schiff-Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3950-3954	2.3	42
110	Low-Band Gap Polyplatinaynes with Electron-Accepting Silole Units. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 376-380	4.8	22
109	Synthesis, Characterization and Crystal Structures of New Ruthenium Carbonyl Clusters Derived from (9-Anthracenyl)diphenylphosphine*. <i>Journal of Cluster Science</i> , 2005 , 16, 185-200	3	10
108	Recent Advances in Luminescent Transition Metal Polyne Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005 , 15, 197-219	3.2	116
107	Synthesis, Characterization and Optoelectronic Properties of Dimeric and Polymeric Metallaynes Derived from 3,6-Bis(buta-1,3-diynyl)-9-butylcarbazole. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005 , 15, 555-567	3.2	18
106	Synthesis and crystal structure of a new triosmium alkylidyne carbonyl cluster containing a chiral ferrocenylphosphine ligand. <i>Molecules</i> , 2005 , 10, 640-8	4.8	1
105	BRAF and NRAS mutations are uncommon in melanomas arising in diverse internal organs. <i>Journal of Clinical Pathology</i> , 2005 , 58, 640-4	3.9	108

104	MOLECULAR DESIGN, SYNTHESIS AND STRUCTURE-PROPERTY RELATIONSHIP OF OLIGOTHIOPHENE-DERIVED METALLAYNES. <i>Comments on Inorganic Chemistry</i> , 2005 , 26, 39-74	3.9	48
103	Synthesis, characterization and spectroscopic studies of cyclometalated platinum(II) complexes containing meta-bis(2-pyridoxy)benzene. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 2888-2899	2.3	23
102	Template Synthesis, Crystal Structure and Luminescent Properties of Neutral N4O3 Tripodal Ln(III) Complexes (Ln(III) = La ³⁺ , Eu ³⁺ , Gd ³⁺ , Tb ³⁺ , Dy ³⁺ , Ho ³⁺ , Er ³⁺ , Tm ³⁺ or Lu ³⁺ ; H ₃ L = Tris[[3-(2-pyridyl)-5-tert-butyl-2-hydroxybenzylidene-2-imino]ethyl]amine). <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 829-836	2.3	43
101	Syntheses and Crystal Structures of Tetrakis(arylamidine)nickel(II) Chloride and Bis[2,4-dipyridyl-1,3,5-triazapentadienato]nickel(II). <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 267-275	2.3	31
100	Synthesis, Characterization and Near-Infrared Photoluminescence of Monoporphyrinate Lanthanide Complexes Containing an Anionic Tripodal Ligand. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 837-845	2.3	34
99	Synthesis, Structures and Luminescent Properties of π -Alkynyl Complexes of Orthomercuriated Schiff Bases. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 2066-2077	2.3	40
98	Synthesis, structures and luminescent properties of new heterobimetallic Zn-4f Schiff base complexes. <i>Inorganica Chimica Acta</i> , 2004 , 357, 4510-4521	2.7	102
97	Monoporphyrinate neodymium (III) complexes stabilized by tripodal ligand: synthesis, characterization and luminescence. <i>Inorganica Chimica Acta</i> , 2004 , 357, 4379-4388	2.7	26
96	Oligo(fluorenyleneethynylene)germylene)s and their metallopolymers. <i>Chemical Communications</i> , 2004 , 2420-1	5.8	51
95	Generation of synthetic equivalents of benzdiynes from benzobisoxadisolles. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7190-7	4.2	52
94	Harvesting of Organic Triplet Emissions in Metal Diynes and Polyynes of Group 10 d^8 Transition Elements Containing the Conjugation-Interrupting Diphenylfluorene Unit. <i>Macromolecules</i> , 2004 , 37, 4496-4504	5.5	64
93	Reactivity of aqua coordinated monoporphyrinate lanthanide complexes: synthetic, structural and photoluminescent studies of lanthanide porphyrinate dimers. <i>Dalton Transactions</i> , 2004 , 4064-73	4.3	50
92	A heterobimetallic ruthenium(II)-copper(II) donor-acceptor complex as a chemodosimetric ensemble for selective cyanide detection. <i>Inorganic Chemistry</i> , 2004 , 43, 8387-93	5.1	206
91	Synthesis, Characterization, and Near-Infrared Photoluminescence of Novel Neodymium(III) Complexes. <i>Australian Journal of Chemistry</i> , 2004 , 57, 803	1.2	17
90	Titanium(IV) and zirconium(IV) sulfato complexes containing the K ⁺ tripodal ligand: molecular models of sulfated metal oxide surfaces. <i>Chemistry - A European Journal</i> , 2004 , 11, 101-11	4.8	25
89	Synthesis of Chiral Cationic (Diimino- and diaminodiphosphane)ruthenium Complexes and Their Applications in Catalytic Oxidation [Crystal Structures of cis-[RuCl(py) ₂ (η -Ph ₂ PC ₆ H ₄ CH=NC ₆ H ₁₀ N=CHC ₆ H ₄ PPh ₂)]BF ₄ and cis-[RuCl(py) ₂ (η -Ph ₂ PC ₆ H ₄ CH=NC ₆ H ₁₀ (H)CH ₂ C ₆ H ₄ PPh ₂)]BF ₄ . <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 837-845	2.3	17
88	Functionalization of 9-(Dicyanomethylene)fluorene Derivatives with Substituted Acetylenes. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 365-373	3.2	20
87	Triplet Emission in Soluble Mercury(II) Polyyne Polymers. <i>Angewandte Chemie</i> , 2003 , 115, 4198-4202	3.6	10

86	Triplet emission in soluble mercury(II) polyynes. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4064-8	16.4	80
85	1,3-Dipolar cycloadditions of prop-1-ene-1,3-sultone with nitrile oxides/nitrones. <i>Tetrahedron Letters</i> , 2003 , 44, 395-397	2	20
84	New ferrocenyl heterometallic complexes of 2,7-diethynylfluoren-9-one. <i>Journal of Organometallic Chemistry</i> , 2003 , 670, 17-26	2.3	32
83	η ² -Acetylide complexes of ruthenium and osmium containing alkynylsilane ligands. <i>Journal of Organometallic Chemistry</i> , 2003 , 671, 27-34	2.3	29
82	Carbon-rich organometallic materials derived from 4-ethynylphenylferrocene. <i>Journal of Organometallic Chemistry</i> , 2003 , 683, 341-353	2.3	30
81	Triplet Emission in Platinum-Containing Poly(alkynylsilanes). <i>Macromolecules</i> , 2003 , 36, 983-990	5.5	70
80	Activation of Tri(2-furyl)phosphine by [Ru ₄ (H) ₄ (CO) ₁₂]: The First Example of Coordinated Furyl and Furyne Ligands at Tetra-ruthenium Phosphide and Phosphinidene Clusters. <i>Organometallics</i> , 2003 , 22, 5100-5108	3.8	24
79	A trinuclear heterobimetallic Ru(II)/Pt(II) complex as a chemodosimeter selective for sulfhydryl-containing amino acids and peptides. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7802-3	16.4	124
78	Reactivity of [Ru ₂ (CO) ₆ (η ⁵ -Cp)(η ⁵ -Cp*)] (Cp = 2-furyl) towards Diphosphanes: Substitution, Polymerisation, Cyclometallation and Elimination Reactions. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 2103-2111	2.3	20
77	Syntheses, Structures and Photophysical Properties of Metal Carbonyl Clusters with Dansyl and Acridone Luminophores. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 2112-2120	2.3	22
76	Synthesis, Chemistry, and Catalytic Activity of Ruthenium Diaminodiphosphane Complexes: Crystal Structures of trans-[RuCl ₂ {(η ⁵ -Cp)-Ph ₂ PC ₆ H ₄ CH=NC ₆ H ₁₀ N(H)CH ₂ C ₆ H ₄ PPh ₂ }(PPh ₃)] and cis-[RuCl ₂ {(η ⁵ -Cp)-Ph ₂ PC ₆ H ₄ CH=NC ₆ H ₁₀ N(H)CH ₂ C ₆ H ₄ PPh ₂ }]]. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 231-237	2.3	7
75	Synthesis, characterization and theoretical studies of new heterometallic carbonyl clusters bridged by 4,4'-dipyridyl unit. <i>Journal of Organometallic Chemistry</i> , 2002 , 655, 39-48	2.3	21
74	Synthesis, characterization and structural studies of new heterometallic alkynyl complexes of platinum and Group 11 metals with chelating bis(diphenylphosphino)ferrocene ligand. <i>Journal of Organometallic Chemistry</i> , 2002 , 659, 107-116	2.3	39
73	Dibenzo macrocyclic acetylenic sulfide and a comparable silane. <i>Tetrahedron Letters</i> , 2002 , 43, 2079-2082		8
72	Cycloaddition reactions of benzynes generated from benzobisoxadisilole, benzotrisoxadisilole and naphthoxadisilole. <i>Tetrahedron Letters</i> , 2002 , 43, 2259-2262	2	25
71	η ² -Acetylide Complexes of Ruthenium(IV) and Osmium(IV) Thiolates. <i>Organometallics</i> , 2002 , 21, 4017-4020	3.8	20
70	Bis(alkynyl) Mercury(II) Complexes of Oligothiophenes and Bithiazoles. <i>Organometallics</i> , 2002 , 21, 4475-4481	3.8	68
69	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. <i>New Journal of Chemistry</i> , 2002 , 26, 275-278	3.6	136

68	Metal-metal and ligand-ligand interactions in gold poly-yne systems. <i>CrystEngComm</i> , 2002 , 4, 405-412	3.3	53
67	Synthesis and Electronic Properties of New Photoluminescent Platinum-Containing Polyynes with 9,9-Dihexylfluorene and 9-Butylcarbazole Units. <i>Macromolecules</i> , 2002 , 35, 3506-3513	5.5	115
66	Synthesis and characterisation of new oligoacetylenic silanes. <i>New Journal of Chemistry</i> , 2002 , 26, 354-360	3.6	22
65	Synthesis, structures and optical spectroscopy of photoluminescent platinum-linked poly(silylacetylenes). <i>Dalton Transactions RSC</i> , 2002 , 4587-4594		44
64	Syntheses, molecular structures and optical nonlinearities of heteroselenometallic WSePd compounds containing bidentate phosphine ligands. <i>Dalton Transactions RSC</i> , 2002 , 1963-1968		5
63	A novel molecular luminescent sensor for metal ions using deprotonated tetramethylpropane-1,1,3,3-tetracarboxylate as ionophore. <i>New Journal of Chemistry</i> , 2002 , 26, 330-335 ^{3,6}		4
62	Synthesis, structure and catalytic activity of ruthenium diaminodiphosphine complexes. <i>Dalton Transactions RSC</i> , 2002 , 1139-1146		14
61	Synthesis, structures and electrochemistry of bis(alkynylferrocene) complexes with fluorene spacers. <i>Journal of Organometallic Chemistry</i> , 2001 , 637-639, 159-166	2.3	28
60	Synthesis and Diels-Alder reactions of β -unsaturated β -sultams. <i>Tetrahedron Letters</i> , 2001 , 42, 3121-3124	2	12
59	Synthesis and X-ray Structures of $[\text{Os}_3\text{Pt}(\text{CO})_9(\mu_3\text{-C}\equiv\text{CPh})(\mu_3\text{-C}\equiv\text{CPh})(\text{L})]$ (L = 4,4'-Dimethyl-2,2'-bipyridine, 4,4'-bis(tert-butyl)-2,2'-bipyridine): New Heterometallic Clusters with a $\mu_3\text{-C}\equiv\text{C}$ - and an $\mu_3\text{-C}\equiv\text{C}$ -Acetylide Group on a Spiked-Triangular Metal Core. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 603-607	2.3	13
58	Synthesis, Redox and Optical Properties of Low-Bandgap Platinum(II) Polyynes with 9-Dicyanomethylene-Substituted Fluorene Acceptors. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 461-465	4.8	69
57	Reaction of the $[\text{WSe}_4]^{2-}$ anion with phosphines: synthesis and crystal structure of a novel cubane-like cluster $[\text{W}_2\text{Se}_4(\mu_2\text{-Se}_2\text{CH}_2)_2\{\text{Cu}(\text{PCy}_3)\}_2]$ (Cy=cyclohexyl). <i>Inorganica Chimica Acta</i> , 2001 , 325, 125-129	2.7	5
56	Synthesis, structure and near-infrared luminescence of neutral 3d ⁴ f bi-metallic monoporphyrate complexes. <i>Dalton Transactions RSC</i> , 2001 , 3092-3098		67
55	Pentamethylcyclopentadienyl Ruthenium Complexes with Sulfur- and Selenium-Donor Ligands. <i>Organometallics</i> , 2001 , 20, 3777-3781	3.8	26
54	Binuclear Gold(I) and Mercury(II) Derivatives of Diethynylfluorenes. <i>Organometallics</i> , 2001 , 20, 5446-5454	3.8	100
53	Synthesis, structures and properties of platinum(II) complexes of oligothiophene-functionalized ferrocenylacetylene. <i>Dalton Transactions RSC</i> , 2001 , 3250-3260		51
52	A new family of phosphido-bridged dinuclear ruthenium carbonyl complexes: synthesis of $[\text{Ru}_2(\text{CO})_6\{\text{P}(\text{C}(\text{CH}_3)_3\text{O})_2(\mu_2\text{-C}(\text{CH}_3)_3\text{O})\}]$ and its reactivity towards terminal alkynes. <i>Dalton Transactions RSC</i> , 2001 , 2981		24
51	Facile nucleophilic addition to salophen coordinated to nitridoosmium(VI). <i>Journal of the American Chemical Society</i> , 2001 , 123, 12720-1	16.4	19

50	Synthesis, optical and photoconducting properties of platinum poly-yne polymers functionalized with electron-donating and electron-withdrawing bithiazole units. <i>Macromolecular Rapid Communications</i> , 2000 , 21, 453-457	4.8	64
49	Synthesis, structures and luminescent properties of metal complexes containing 4-[2-(9-anthryl)vinyl]pyridine. <i>Journal of Organometallic Chemistry</i> , 2000 , 601, 237-245	2.3	19
48	Asymmetric synthesis of 1,3- and 1,3,4-substituted pyrrolidines. <i>Tetrahedron Letters</i> , 2000 , 41, 2949-2951		7
47	Stereoselective addition to chiral p-toluene sulfinimines. <i>Tetrahedron Letters</i> , 2000 , 41, 5725-5728	2	8
46	Synthesis, characterization and crystal structures of some tungsten and triosmium carbonyl complexes with monopyridyl and dipyridyl azo ligands. <i>Journal of Organometallic Chemistry</i> , 2000 , 596, 36-45	2.3	55
45	Synthesis, electrochemistry and structural characterization of new dimeric cobalt μ -alkyne carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2000 , 595, 70-80	2.3	31
44	Reactivities of π -electron-rich phosphorus-nitrogen ligands toward Groups VIB and VIIB metal carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2000 , 612, 160-171	2.3	10
43	Novel blue luminescent platinum acetylide materials with a 9-acridone or a dansyl group [dansyl = 5-(dimethylamino)naphthalene-1-sulfonyl]. <i>Dalton Transactions RSC</i> , 2000 , 113-115		25
42	Synthesis, structures and properties of platinum(II) complexes of oligoacetylenic sulfides. <i>Dalton Transactions RSC</i> , 2000 , 3675-3680		22
41	Reactivity of chiral diiminodiphosphine ligands towards $\text{PdCl}_2(\text{PhCN})_2$: synthesis and crystal structures of two unexpected dinuclear palladium(II) complexes. <i>Dalton Transactions RSC</i> , 2000 , 1397-1398		10
40	A novel heterobimetallic Ni(II)-Ag(I) cyano-bridged coordination polymer incorporating Ag- μ -Ag interactions: $\{[\text{Ni}(\text{cyclen})][\text{Ag}(\text{CN})_2][\text{Ag}(\text{CN})_2]\}$. <i>New Journal of Chemistry</i> , 2000 , 24, 733-734	3.6	17
39	Ruthenium(II) ammine and hydrazine complexes with $[\text{N}(\text{Ph}_2\text{PQ})_2]$ - (Q = S, Se) ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 5255-64	5.1	42
38	Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum poly-yne. <i>Journal of Chemical Physics</i> , 1999 , 110, 4963-4970	3.9	211
37	Synthesis, structural characterization and solvatochromic studies of a series of Schiff base-containing triosmium alkylidyne carbonyl clusters. <i>Journal of Organometallic Chemistry</i> , 1999 , 584, 48-57	2.3	10
36	Asymmetric alkylation mediated by tricyclic chiral sultam auxiliaries. <i>Tetrahedron</i> , 1999 , 55, 13983-13998	2.4	28
35	Ruthenium catalyzed asymmetric dihydroxylation with sultams as chiral auxiliaries. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 1421-1424		16
34	Solid-state synthesis of cluster compound $[\text{MoCu}_3\text{OS}_3(\text{PPh}_3)_3(\text{CH}_3\text{COO})]$ with its structure, reactivity and optical non-linearities. <i>Inorganica Chimica Acta</i> , 1998 , 279, 172-177	2.7	21
33	Synthesis of new bis(acetylide)-substituted fluorene derivatives and their bimetallic and polymeric complexes. <i>Journal of Organometallic Chemistry</i> , 1998 , 556, 219-228	2.3	75

- 32 Synthesis, characterisation and properties of platinum(II) acetylide complexes of ferrocenylfluorene: novel soluble donor-acceptor heterometallic materials *Journal of the Chemical Society Dalton Transactions*, **1998**, 2761-2766 77
- 31 $W_2Cl_4(NHR)_2(PR\bar{B})_2$ Molecules. 3. Bidentate Phosphine Complexes of Bis(tert-butylamido)tetrachloroditungsten. Preparation and Structural Characterization of cis,cis- $W_2Cl_4(NHCMe_3)_2(L-L)$ (L-L = dmpm, dmpe, dpmm, dppe). *Inorganic Chemistry*, **1997**, 36, 80-85 5.1 18
- 30 $W_2Cl_4(NR_2)_2(PR\bar{B})_2$ Molecules. 5. Preparation and Characterization of $W_2Cl_4(NEt_2)_2(L-L)$ (L-L = dmpm, dmpe, dppe), $W_2Cl_4(NBu_2)_2(L-L)$ (L-L = dmpm, dmpe), and $W_2Cl_4(NHex_2)_2(dpmm)$. First Complexes with Bridging Diphosphine Ligands in a cis,trans-Stereochemistry. *Inorganic Chemistry*, **1997**, 36, 802-812 5.1 10
- 29 $W_2Cl_4(NR_2)_2(PR\bar{B})_2$ Molecules. 8. Synthesis and Structural Characterization of Both Cis Isomers of Stoichiometry $W_2Cl_4(NHR)_2(PMe_3)_2$, R = Et, Prn, and Bun. Direct Evidence Favoring an Internal Flip Mechanism for Cis-trans Isomerization. *Inorganic Chemistry*, **1997**, 36, 2670-2677 5.1 9
- 28 $W_2Cl_4(NR_2)_2(PR\bar{B})_2$ Molecules. 4. A New Synthetic Route to Products with a Staggered Conformation. Preparations and Characterizations of $W_2Cl_4(NR_2)_2(PR\bar{B})_2$ (R = Et, Bu, Hex; $R\bar{B}$ = Me₃, Et₂H) and an Intermediate Complex $W_2Cl_4(NEt_2)_2(NHEt_2)_2$. *Inorganic Chemistry*, **1997**, 36, 559-566 5.1 16
- 27 Synthesis and characterisation of new acetylide-functionalised oligothiophenes and their dinuclear platinum complexes. *Journal of the Chemical Society Dalton Transactions*, **1997**, 4283-4288 91
- 26 $W_2Cl_4(NR_2)_2(PR_3)_2$ molecules. 9. New mixed valent VIII/WIV face-sharing bioctahedral complexes with chelating bis(diphenylphosphino)propane and dialkylamido ligands. *Polyhedron*, **1997**, 16, 3893-3898 2.7 6
- 25 $W_2Cl_4(NR_2)_2(PR_3)_2$ molecules. *Inorganica Chimica Acta*, **1997**, 262, 21-32 2.7 10
- 24 Synthesis, redox behaviour and molecular structures of new metal cluster species containing orthometallated $[M_3(\mu-H)(CO)_{10}(\mu-NC_5H_4)]$ (M = Ru or Os) and ferrocene chromophores bridged by an aromatic unit. *Journal of the Chemical Society Dalton Transactions*, **1996**, 3209-3214 13
- 23 Novel triosmium cluster complexes with rod-like molecular geometry. Syntheses and crystal structures of $[Os_3(\mu-H)_2(CO)_9(\mu_3-CNC_5H_4CHNC_6H_4OC_16H_{33})]$ and $[Os_3(\mu-H)(CO)_{10}(\mu-NC_5H_3CHNC_6H_4OC_16H_{33})]$. *Journal of the Chemical Society Dalton Transactions*, **1996**, 3203-3207 4
- 22 Covalently linked anthracene-containing supramolecular complexes of triosmium carbonyl clusters: synthesis, crystal structures and solvatochromic behaviour. *Journal of the Chemical Society Dalton Transactions*, **1996**, 1853 16
- 21 Synthesis of a novel planar hexaosmium carbonyl cluster: crystal structure of $[HOs_6(CO)_{20}(\mu_2-NC_5H_4CH_2CH)]$. *Journal of Organometallic Chemistry*, **1996**, 513, 27-29 2.3 19
- 20 Synthesis of triosmium alkylidyne clusters incorporating bis(diphenylphosphino) alkane type ligands. Crystal structures of $[Os_3(\mu-H)_2(CO)_9(\mu-C)]_2(\mu_3-dppp)]$ (dppp = bis(diphenylphosphino)propane) and. *Journal of Organometallic Chemistry*, **1996**, 518, 227-233 2.3 7
- 19 Synthesis and copolymerization reaction of a triosmium alkylidyne carbonyl cluster $[Os_3(\mu-H)_2(CO)_9(\mu-CNC_5H_4-CH=CH_2)]$. *Journal of Cluster Science*, **1995**, 6, 311-317 3 5
- 18 9. Ruthenium 1993. *Coordination Chemistry Reviews*, **1995**, 146, A307-A384 23.2 7
- 17 Metallosupramolecular cluster assemblies based on donor-acceptor type structural frameworks. Syntheses, crystal structures and spectroscopic properties of novel triosmium alkylidyne carbonyl clusters bearing remote ferrocenyl units as electron donors. *Journal of the Chemical Society Dalton Transactions*, **1995**, 1875-1877 27
- 16 Triosmium alkylidyne clusters containing monophosphine and chiral diphosphine ligands. Crystal and molecular structures of $[Os_3(\mu-H)_2(CO)_9(\mu_3-CPBunPh_2)]$ and (R)- $[Os_3(\mu-H)_2(CO)_8(\mu_3-CPPH_2CH(Me)CH_2PPh_2)]$. *Journal of the Chemical Society Dalton Transactions*, **1995**, 2831-2836 8
- 15 Synthesis and structural characterisation of some new triosmium alkylidyne clusters containing sulfur-donor ligands. The formation of C \bar{B} and C \bar{C} bonds. *Journal of the Chemical Society Dalton Transactions*, **1995**, 2735-2740 7

14	Reaction of $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{CHCH}_2)]$ with phenylacetylene. A novel type of alkylidyne-alkyne coupling in a triosmium alkylidyne cluster. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 1497-1509		18
13	Some remarkable reactions of the alkylidyne cluster $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{C}_5\text{H}_4\text{N})](\text{NC}_5\text{H}_4\text{C}_5\text{H}_4\text{N})$ ($\text{NC}_5\text{H}_4\text{C}_5\text{H}_4\text{N} = 4,4'$ -bipyridine) with electrophiles. Crystal and molecular structures of the novel water-soluble dicationic cluster complex		4
12	Synthesis of triosmium alkylidyne clusters incorporating pendant pyridyl ligands. Crystal structures of $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9\{\mu\text{-C}(4,4'\text{-bipy})\}] \cdot \text{H}_2\text{O}$ and $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9\{\mu\text{-C}(2,4'\text{-bipy})\}]$ ($4,4'$ -bipy = $4,4'$ -bipyridine; $2,4'$ -bipy = $2,4'$ -bipyridine). <i>Inorganica Chimica Acta</i> , 1995 , 234, 5-8	2.7	12
11	Reactions of the alkylidyne cluster $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{CH}_2\text{CH}_2)]$. Crystal structures of $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{CH}_2\text{CH}_2)]$, $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{-}\mu\text{-CH}_2\text{CH}_2)\text{Os}_3(\mu\text{-H})(\text{CO})_{10}]$ and $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{-C}(\text{O})\text{CH}_3)]$. <i>Journal of Organometallic Chemistry</i> , 1995 , 493, 229-237	2.3	19
10	Synthesis of novel triosmium alkylidene carbonyl clusters. Crystal structures of $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{-CH}_2\text{CH}_2)]$ and $[\text{Os}_3(\mu\text{-H})(\text{CO})_9(\mu\text{-}3\text{-CNC}_5\text{H}_4\text{-}\mu\text{-CH}_2\text{CH}_2)]$. <i>Journal of Organometallic Chemistry</i> , 1994 , 474, C30-C33	2.3	19
9	Novel ultra-high-temperature zero-thermal quenching plant-protecting type blue-green dual-emission $\text{KAl}_2\text{O}_7:\text{Eu}^{2+}, \text{Mn}^{2+}$ phosphors for urban ecological lighting. <i>Journal of Materials Chemistry C</i> ,	7.1	4
8	Advanced Materials for Clean Energy		29
7	Ternary polymer solar cells with iridium-based polymer PM6Ir1 as a donor and N3:ITIC-Th as an acceptor exhibiting over 17.2% efficiency. <i>Sustainable Energy and Fuels</i> ,	5.8	4
6	New Electron Acceptor with End-Extended Conjugation for High-Performance Polymer Solar Cells. <i>Energy & Fuels</i> ,	4.1	2
5	Recent Progress of Iridium(III) Red Phosphors for Phosphorescent Organic Light-Emitting Diodes	195-214	
4	Branched Polymer Materials as Proton Exchange Membranes for Fuel Cell Applications. <i>Polymer Reviews</i> , 1-35	14	5
3	Vacuum-Sublimable Ionic Yellow Phosphorescent Iridium(III) Complexes with Broad Emission for White Electroluminescence. <i>Advanced Photonics Research</i> , 2100115	1.9	3
2	Optical Properties and Photophysics of Platinum-Containing Poly(aryleneethynylene)s	289-324	4
1	Enhancing the Light Output-Coupling of Inverted Top-Emitting Organic Light-Emitting Diodes by Using the Localized Surface Plasmon Resonance of Ag Nanoparticles. <i>Advanced Materials Interfaces</i> , 2200244	4.6	2