

# Wing-tak Wong

## List of Publications by Year in Descending Order

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

508  
papers

13,076  
citations

54  
h-index

86  
g-index

535  
ext. papers

14,244  
ext. citations

5.2  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
508	Rapidly Deployable Algae Cleaning System for Applications in Freshwater Reservoirs and Water Bodies. <i>Phycology</i> , <b>2022</b> , 2, 60-75		
507	Polymannuronic acid prebiotic plus Lacticaseibacillus rhamnosus GG probiotic as a novel synbiotic promoted their separate neuroprotection against Parkinson's disease.. <i>Food Research International</i> , <b>2022</b> , 155, 111067	7	2
506	Edible Clusteroluminogenic Films Obtained from Starch of Different Botanical Origins for Food Packaging and Quality Management of Frozen Foods.. <i>Membranes</i> , <b>2022</b> , 12,	3.8	4
505	Design and Practical Considerations for Active Polymeric Films in Food Packaging. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6295	6.3	1
504	Use of graphene-based materials as carriers of bioactive agents. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 16, 577-588	9	28
503	An Investigation of the Risk Factors Associated With Anti-Tuberculosis Drug-Induced Liver Injury or Abnormal Liver Functioning in 757 Patients With Pulmonary Tuberculosis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 708522	5.6	1
502	Mesoporous Zn/MgO Hexagonal Nano-Plates as a Catalyst for Oil Biodiesel Synthesis. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	3
501	pH-Triggered Poly(ethylene glycol)-Poly(lactic acid/glycolic acid)/Croconaine Nanoparticles-Assisted Multiplexed Photoacoustic Imaging and Enhanced Photothermal Cancer Therapy.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4152-4164	4.1	2
500	Design and optimization of quercetin-based functional foods. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-17	11.5	3
499	Property-Tuneable Microgels Fabricated by Using Flow-Focusing Microfluidic Geometry for Bioactive Agent Delivery. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	17
498	photoacoustic imaging for monitoring treatment outcome of corneal neovascularization with metformin eye drops. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 3597-3606	3.5	0
497	UV-Shielding and Clusteroluminogenic Cellulose-Based Films with Tuneable Wettability and Permeability for Dually Self-Indicating Food Packaging. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2100120	6.8	4
496	A self-indicating cellulose-based gel with tunable performance for bioactive agent delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 63, 102428	4.5	15
495	Predicting Antituberculosis Drug-Induced Liver Injury Using an Interpretable Machine Learning Method: Model Development and Validation Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e29226	3.6	2
494	Biomimetic Anti-PD-1 Peptide-Loaded 2D FePSe Nanosheets for Efficient Photothermal and Enhanced Immune Therapy with Multimodal MR/PA/Thermal Imaging. <i>Advanced Science</i> , <b>2021</b> , 8, 2003041	13.6	26
493	A Bioinspired, Sustained-Release Material in Response to Internal Signals for Biphasic Chemical Sensing in Wound Therapy. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001267	10.1	6
492	A fluorescent probe for the discrimination of oxidation states of palladium. <i>Chemical Science</i> , <b>2021</b> , 12, 9977-9982	9.4	4

491	Nanoparticulate Systems for Bioactive Agent Delivery: What Is the Missing Link in Research for Real Applications?. <i>Advanced NanoBiomed Research</i> , <b>2021</b> , 1, 2000099	0	0
490	Dietary phytochemicals that influence gut microbiota: Roles and actions as anti-Alzheimer agents. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-27	11.5	1
489	Isolation and Assessment of a Highly-Active Anti-Inflammatory Exopolysaccharide from Mycelial Fermentation of a Medicinal Fungus Cs-HK1. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
488	Helicate-to-tetrahedron transformation of chiral lanthanide supramolecular complexes induced by ionic radii effect and linker length. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	1
487	Modification and enhanced anti-inflammatory activity by Bifidobacterial fermentation of an exopolysaccharide from a medicinal fungus Cs-HK1. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 188, 586-594	7.9	1
486	Nitroreductase-Induced Aggregation of Gold Nanoparticles for "Off-On" Photoacoustic Imaging of Tumor Hypoxia.. <i>Journal of Biomedical Nanotechnology</i> , <b>2021</b> , 17, 2186-2197	4	0
485	Progress and trends in the development of therapies for Hutchinson-Gilford progeria syndrome. <i>Aging Cell</i> , <b>2020</b> , 19, e13175	9.9	11
484	Zeolitic Imidazolate Framework Cores Decorated with Pd Nanoparticles and Coated Further with MetalOrganic Framework Shells (ZIF-8@Pd@MOF-74) as Nanocatalysts for Chemoselective Hydrogenation Reactions. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 7242-7251	5.6	12
483	Anti-inflammation activity of exopolysaccharides produced by a medicinal fungus <i>Cordyceps sinensis</i> Cs-HK1 in cell and animal models. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 149, 1042-1050	7.9	21
482	Palladium-catalyzed cross-coupling of (hetero)aryl or alkenyl sulfonates with aryl titanium as the multi-functional reagent. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 926-932	5.2	10
481	Roles of the actin cytoskeleton in aging and age-associated diseases. <i>Ageing Research Reviews</i> , <b>2020</b> , 58, 101021	12	19
480	Development of Copper Nanoclusters for In Vitro and In Vivo Theranostic Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906872	24	41
479	Longitudinal study of BK Polyomavirus outcomes, risk factors, and kinetics in renal transplantation patients. <i>Microbial Pathogenesis</i> , <b>2020</b> , 142, 104036	3.8	4
478	Multilayered composite-coated ionically crosslinked food-grade hydrogel beads generated from algal alginate for controlled and sustained release of bioactive compounds.. <i>RSC Advances</i> , <b>2020</b> , 10, 44522-44532	3.7	9
477	A gel-forming clusteroluminogenic polymer with tunable emission behavior as a sustained-release carrier enabling real-time tracking during bioactive agent delivery. <i>Applied Materials Today</i> , <b>2020</b> , 21, 100876	6.6	12
476	Polymannuronic acid prevents dopaminergic neuronal loss via brain-gut-microbiota axis in Parkinson's disease model. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 994-1005	7.9	10
475	Molecular Design of Layer-by-Layer Functionalized Liposomes for Oral Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43341-43351	9.5	14
474	Ionically Crosslinked Complex Gels Loaded with Oleic Acid-Containing Vesicles for Transdermal Drug Delivery. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	19

473	Multifunctional Nanotheranostic Gold Nanocage/Selenium Core-Shell for PAI-Guided Chemo-Photothermal Synergistic Therapy in vivo. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 10271-10284	7.3	10
472	Luminescent lanthanide metal-organic framework test strip for immediate detection of tetracycline antibiotics in water. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121498	12.8	71
471	Biochemistry and use of soybean isoflavones in functional food development. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 60, 2098-2112	11.5	25
470	pH-responsive targeted gold nanoparticles for in vivo photoacoustic imaging of tumor microenvironments. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 554-564	5.1	12
469	Tackling Aging by Using miRNA as a Target and a Tool. <i>Trends in Molecular Medicine</i> , <b>2019</b> , 25, 673-684	11.5	14
468	Intramolecular (4 + 3) cycloadditions of nitrogen-tethered epoxy enosilanes for the synthesis of heteropolycycles. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1523-1526	8.1	1
467	Universal Strategy for HF-Free Facile and Rapid Synthesis of Two-dimensional MXenes as Multifunctional Energy Materials. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9610-9616	16.4	208
466	A biocompatible and easy-to-make polyelectrolyte dressing with tunable drug delivery properties for wound care. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 566, 101-110	6.5	20
465	Breaking the 1,2-HOPO barrier with a cyclen backbone for more efficient sensitization of Eu(III) luminescence and unprecedented two-photon excitation properties. <i>Chemical Science</i> , <b>2019</b> , 10, 4550-4559	9.4	15
464	Upconversion Luminescence Sandwich Assay For Detection of Influenza H7 Subtype. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900575	10.1	8
463	Reaction-Based Europium Complex for Specific Detection of Cysteine Over Homocysteine and Glutathione with Variable-Temperature Kinetic Studies. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 813-820	2.3	1
462	Reactivation of Epstein-Barr virus by a dual-responsive fluorescent EBNA1-targeting agent with Zn-chelating function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> ,	11.5	11
461	Nanophotonic energy storage in upconversion nanoparticles. <i>Nano Energy</i> , <b>2019</b> , 56, 473-481	17.1	33
460	Design of Polymeric Gene Carriers for Effective Intracellular Delivery. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 713-728	15.1	76
459	Population-Wide Genetic Risk Prediction of Complex Diseases: A Pilot Feasibility Study in Macau Population for Precision Public Healthcare Planning. <i>Scientific Reports</i> , <b>2018</b> , 8, 1853	4.9	4
458	Preclinical evaluation of the mono-PEGylated recombinant human interleukin-11 in cynomolgus monkeys. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 342, 39-49	4.6	5
457	Efficient expression and isolation of recombinant human interleukin-11 (rhIL-11) in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , <b>2018</b> , 146, 69-77	2	8
456	808 nm excited energy migration upconversion nanoparticles driven by a Nd-Trinity system with color-tunability and superior luminescence properties. <i>Nanoscale</i> , <b>2018</b> , 10, 2790-2803	7.7	25

455	Scalable synthesis enabling multilevel bio-evaluations of natural products for discovery of lead compounds. <i>Nature Communications</i> , <b>2018</b> , 9, 1283	17.4	34
454	Multispectral Photoacoustic Imaging of Tumor Protease Activity with a Gold Nanocage-Based Activatable Probe. <i>Molecular Imaging and Biology</i> , <b>2018</b> , 20, 919-929	3.8	18
453	Efficient Selenium-Catalyzed Selective C(sp <sup>3</sup> )–H Oxidation of Benzylpyridines with Molecular Oxygen. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1588-1593	5.6	41
452	Study of the Aggregation of DNA-Capped Gold Nanoparticles: A Smart and Flexible Aptasensor for Spermine Sensing. <i>ChemPlusChem</i> , <b>2017</b> , 82, 802-809	2.8	10
451	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the Epstein-Barr virus. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	14
450	Excitation energy transfer in ruthenium (II)-porphyrin conjugates led to enhanced emission quantum yield and 1 O <sub>2</sub> generation. <i>Journal of Luminescence</i> , <b>2017</b> , 184, 89-95	3.8	12
449	Chiral transcription in self-assembled tetrahedral EuL chiral cages displaying sizable circularly polarized luminescence. <i>Nature Communications</i> , <b>2017</b> , 8, 1128	17.4	88
448	An efficient approach to synthesize glycerol dendrimers via thiol-ene click chemistry and their application in stabilization of gold nanoparticles with X-ray attenuation properties. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6989-6996	4.9	10
447	Rearrangements of $\alpha$ -Diazo- $\beta$ -hydroxyketones for the Synthesis of Bicyclo[m.n.1]alkanones. <i>Organic Letters</i> , <b>2017</b> , 19, 4464-4467	6.2	10
446	An Approach to the Welwistatin Core via a Diazoketone Rearrangement-Ring Expansion Strategy. <i>Organic Letters</i> , <b>2017</b> , 19, 4468-4471	6.2	4
445	Molecular design of upconversion nanoparticles for gene delivery. <i>Chemical Science</i> , <b>2017</b> , 8, 7339-7358	9.4	30
444	Electrospray-mediated preparation of compositionally homogeneous core-shell hydrogel microspheres for sustained drug release. <i>RSC Advances</i> , <b>2017</b> , 7, 44482-44491	3.7	23
443	Chemistry and engineering of cyclodextrins for molecular imaging. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 6379-6419	58.5	71
442	Synthesis and Characterization of Luminescent Cyclometalated Platinum(II) Complexes with Tunable Emissive Colors and Studies of Their Application in Organic Memories and Organic Light-Emitting Devices. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 10750-10761	16.4	77
441	saponins attenuate inflammation and by inhibition of NF- $\kappa$ B and STAT3 signaling. <i>Oncotarget</i> , <b>2017</b> , 8, 87401-87414	3.3	20
440	Mechanistic Understanding of Excitation-Correlated Nonlinear Optical Properties in MoS <sub>2</sub> Nanosheets and Nanodots: The Role of Exciton Resonance. <i>ACS Photonics</i> , <b>2016</b> , 3, 2434-2444	6.3	31
439	Friend or foe? The role of solvents in non-triplet, intraligand charge transfer sensitization of lanthanide(III) luminescence. <i>RSC Advances</i> , <b>2016</b> , 6, 74100-74109	3.7	22
438	Room temperature molecular up conversion in solution. <i>Nature Communications</i> , <b>2016</b> , 7, 11978	17.4	65

- 437 Discovery, Synthesis, and Functional Characterization of a Novel Neuroprotective Natural Product from the Fruit of *Alpinia oxyphylla* for use in Parkinson's Disease Through LC/MS-Based Multivariate Data Analysis-Guided Fractionation. *Journal of Proteome Research*, **2016**, 15, 2595-606 5.6 29
- 436 Gallium and Functionalized-Porphyrins Combine to Form Potential Lysosome-Specific Multimodal Bioprobes. *Inorganic Chemistry*, **2016**, 55, 6839-41 5.1 11
- 435 Efficient and selective singlet oxygen sensitized NIR luminescence of a neodymium(III) complex and its application in biological imaging. *Journal of Luminescence*, **2016**, 169, 549-552 3.8 16
- 434 A smart "off-on" gate for the detection of hydrogen sulphide with Cu(ii)-assisted europium emission. *Chemical Science*, **2016**, 7, 2151-2156 9.4 51
- 433 Copper Hydride Catalyzed Reductive Claisen Rearrangements. *Chemistry - A European Journal*, **2016**, 22, 3709-12 4.8 18
- 432 A highly selective on-off-on responsive lanthanide(iii) based probe for recognition of copper and hydrogen sulfide. *Dalton Transactions*, **2016**, 45, 928-35 4.3 29
- 431 Urinary Polyamines: A Pilot Study on Their Roles as Prostate Cancer Detection Biomarkers. *PLoS ONE*, **2016**, 11, e0162217 3.7 28
- 430 Palladium(II)-catalyzed switchable mono-/diselenylation of arenes controlled by solvent effects. *Journal of Organometallic Chemistry*, **2016**, 812, 66-73 2.3 21
- 429 Goldilocks Effect of Water in Lewis-Bronsted Acid and Base Catalysis. *ACS Catalysis*, **2016**, 6, 4189-4194 13.1 10
- 428 Epoxy and aziridinyl enolsilanes in diastereoselective inter- and intramolecular Friedel-Crafts alkylations. *Organic Chemistry Frontiers*, **2016**, 3, 457-461 5.2 13
- 427 Directional Plk1 inhibition-driven cell cycle interruption using amphiphilic thin-coated peptide-lanthanide upconversion nanomaterials as in vivo tumor suppressors. *Journal of Materials Chemistry B*, **2015**, 3, 2624-2634 7.3 6
- 426 A simple, highly sensitive, high throughput and organic solvent-free screening method for melamine by microsphere-based flow cytometry immunoassay. *Analytical Methods*, **2015**, 7, 5989-5995 3.2 9
- 425 Structural variations of praseodymium(III) benzoate derivative complexes with dimethylformamide. *Polyhedron*, **2015**, 88, 138-148 2.7 7
- 424 The effects of the increasing number of the same chromophore on photosensitization of water-soluble cyclen-based europium complexes with potential for biological applications. *RSC Advances*, **2015**, 5, 13347-13356 3.7 9
- 423 Tunable photochromism in the robust dithienylethene-containing phospholes: design, synthesis, characterization, electrochemistry, photophysics, and photochromic studies. *Chemistry - A European Journal*, **2015**, 21, 6936-48 4.8 32
- 422 Highly luminescent Sm(III) complexes with intraligand charge-transfer sensitization and the effect of solvent polarity on their luminescent properties. *Inorganic Chemistry*, **2015**, 54, 3725-7 5.1 61
- 421 Rapid testing methods for food contaminants and toxicants. *Journal of Integrative Agriculture*, **2015**, 14, 2243-2264 3.2 37
- 420 Symmetrical and unsymmetrical nickel(II) complexes of N-(dialkylcarbamothioyl)-nitro substituted benzamide as single-source precursors for deposition of nickel sulfide nanostructured thin films by AACVD. *Polyhedron*, **2015**, 85, 267-274 2.7 17

419	Tunable Emission: The Tunable White-Light and Multicolor Emission in An Electrodeposited Thin Film of Mixed Lanthanide Coordination Polymers (Advanced Optical Materials 11/2015). <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1544-1544	8.1	
418	Efficient Palladium-Catalyzed Direct CBr Phenylselenylation of (Hetero)Arenes in Water. <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 875-878	3	25
417	Nanobioinorganic Chemistry: Converging Inorganic Chemistry and Biology at the Nanoscale. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 4447-4449	2.3	1
416	The Tunable White-Light and Multicolor Emission in An Electrodeposited Thin Film of Mixed Lanthanide Coordination Polymers. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1545-1550	8.1	25
415	Lanthanide supramolecular helical diastereoselective breaking induced by point chirality: mixture or P-helix, M-helix. <i>Chemical Communications</i> , <b>2015</b> , 51, 592-5	5.8	50
414	Cycloaddition Reactions of Carbonyl Ylides Derived From Enones. <i>Synlett</i> , <b>2015</b> , 26, 1553-1556	2.2	2
413	Fast synthesis of red Li <sub>3</sub> BaSrLn <sub>3</sub> (WO <sub>4</sub> ) <sub>8</sub> :Eu <sup>3+</sup> phosphors for white LEDs under near-UV excitation by a microwave-assisted solid state reaction method and photoluminescence studies. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 12322-12327	7.1	37
412	Photo-reactive charge trapping memory based on lanthanide complex. <i>Scientific Reports</i> , <b>2015</b> , 5, 14998	4.9	27
411	Facile design of Au@Pt core-shell nanostructures: Formation of Pt submonolayers with tunable coverage and their applications in electrocatalysis. <i>Nano Research</i> , <b>2014</b> , 7, 410-417	10	37
410	A Simple and Direct Method for the Palladium-Catalyzed Oxidative Coupling of Unactivated Allylarenes with Classic Arenes. <i>ChemCatChem</i> , <b>2014</b> , 6, 1599-1603	5.2	7
409	Intermolecular (4+3) cycloadditions of aziridiny enolsilanes. <i>Chemical Communications</i> , <b>2014</b> , 50, 1738-1741	4.8	14
408	Biodiesel production via esterification of oleic acid catalyzed by chlorosulfonic acid modified zirconia. <i>Applied Energy</i> , <b>2014</b> , 116, 191-198	10.7	91
407	Bifunctional up-converting lanthanide nanoparticles for selective in vitro imaging and inhibition of cyclin D as anti-cancer agents. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 84-91	7.3	59
406	Lanthanide CPs: the guest-tunable drastic changes of luminescent quantum yields, and two photon luminescence. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 2235-2242	7.1	42
405	PET imaging with multimodal upconversion nanoparticles. <i>Dalton Transactions</i> , <b>2014</b> , 43, 5535-45	4.3	17
404	A highly selective chemosensor for Al(III) and Zn(II) and its coordination with metal ions. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3012-21	5.1	100
403	Intensive upconversion luminescence of Na-codoped rare-earth oxides with a novel RE-Na heterometallic complex as precursor. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6788-93	5.1	7
402	Inflammation targeted Gd(3+)-based MRI contrast agents imaging tumor and rheumatoid arthritis models. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 1112-23	6.3	8

401	Recent development in lanthanide coordination compounds for biomedical imaging applications. <i>Polyhedron</i> , <b>2014</b> , 83, 150-158	2.7	13
400	Single-, double- and triple-stranded helical metal complexes of chiral tetradentate pyridyl-thiazole ligands: Stereoselective synthesis, spectroscopic properties and structural characterization. <i>Polyhedron</i> , <b>2014</b> , 83, 167-177	2.7	12
399	An Introduction to Molecular Imaging <b>2014</b> , 1-24		3
398	Organic Molecules for Optical Imaging <b>2014</b> , 245-274		2
397	Application of d- and f-Block Fluorescent Cell Imaging Agents <b>2014</b> , 275-298		
396	Lanthanide-Based Upconversion Nanophosphors for Bioimaging <b>2014</b> , 299-319		
395	Highly Specific Probe for Ferric Ions in Aqueous Solution Based on 5, 6-Dicarboxy-3H-benzimidazol-1-ium Nitrate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 1494-1498	1.3	3
394	Tunable photochromism in air-stable, robust dithienylethene-containing phospholes through modifications at the phosphorus center. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11504-8	16.4	63
393	Luminescent cyclometalated alkynylplatinum(II) complexes with a tridentate pyridine-based N-heterocyclic carbene ligand: synthesis, characterization, electrochemistry, photophysics, and computational studies. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10360-9	4.8	31
392	One-step production of biodiesel from rice bran oil catalyzed by chlorosulfonic acid modified zirconia via simultaneous esterification and transesterification. <i>Bioresource Technology</i> , <b>2013</b> , 147, 59-64 <sup>11</sup>		67
391	Tunable Photochromism in Air-Stable, Robust Dithienylethene-Containing Phospholes through Modifications at the Phosphorus Center. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 11718-11722	3.6	22
390	Organocatalyzed asymmetric synthesis of dihydrodibenzofurans based on a dienamine process. <i>Organic Letters</i> , <b>2013</b> , 15, 4980-3	6.2	31
389	A novel highly luminescent LnMOF film: a convenient sensor for Hg <sup>2+</sup> detecting. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 11312	13	155
388	Synthesis and characterization of luminescent cyclometalated platinum(II) complexes of 1,3-bis-hetero-azolylbenzenes with tunable color for applications in organic light-emitting devices through extension of $\pi$ -conjugation by variation of the heteroatom. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13310-24	4.8	47
387	Stereolabile chiral biphenyl hybrids: crystallization-induced dynamic atropselective resolution involving supramolecular interactions. <i>CrystEngComm</i> , <b>2013</b> , 15, 836-840	3.3	8
386	A brief introduction to transition metals in unusual oxidation states. <i>Polyhedron</i> , <b>2013</b> , 52, 43-61	2.7	18
385	Luminescence tuning and white-light emission of co-doped Ln-Cd-organic frameworks. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 95-100	4.5	53
384	Synthesis of 3-cyanoindole derivatives mediated by copper(I) iodide using benzyl cyanide. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 3374-8	4.2	71



383	Upconversion nanoparticles conjugated with Gd(3+) -DOTA and RGD for targeted dual-modality imaging of brain tumor xenografts. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 1501-12	10.1	51
382	Luminescent platinum(II) complexes of 1,3-bis(N-alkylbenzimidazol-2'-yl)benzene-type ligands with potential applications in efficient organic light-emitting diodes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6385-97	4.8	72
381	A highly selective fluorescent chemosensor for Al(III) ion and fluorescent species formed in the solution. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7320-2	5.1	125
380	A decade advancement of transition metal-catalyzed borylation of aryl halides and sulfonates. <i>RSC Advances</i> , <b>2013</b> , 3, 12518	3.7	171
379	Nickel(II) complexes of N-(dialkylcarbamothioyl)-4-nitrobenzamide as single-source precursors for the deposition of nanostructured nickel sulfide thin films by chemical vapor deposition. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 2788-2801	1.6	16
378	Semiconducting nanostructured copper sulfide thin films from bidentate copper(II) complexes of N-(dialkylcarbamothioyl)-nitrosubstituted benzamides by chemical vapour deposition. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3214	3.6	18
377	Surface functionalized gold nanoparticles for drug delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2013</b> , 9, 1362-9	4	54
376	Gold-doxorubicin nanoconjugates for overcoming multidrug resistance. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2012</b> , 8, 204-11	6	132
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355	2-Amino-6-(dimethyl-amino)pyridine-3,5-dicarbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1532		
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258	Diiodobis(2-hydroxymethyl-1-methyl-1-imidazole-N <sub>3</sub> )cadmium(II). <i>Applied Organometallic Chemistry</i> , <b>2005</b> , 19, 354-355	3.1	

257	Simultaneous Observation of Green Multiphoton Upconversion and Red and Blue NLO Processes from Polymeric Terbium(III) Complexes. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 3502-3505	3.6	6
256	Poly[dimethylammonium aquadi- $\beta$ -xalato-europate(III) trihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, m1912-m1914		9
255	Synthesis and characterization of random and block copolymers with pendant rhenium diimine complexes by controlled radical polymerization. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 1292-1308	2.5	18
254	Novel gadolinium(III) polyaminocarboxylate macrocyclic complexes as potential magnetic resonance imaging contrast agents. <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 677-82	4.2	12
253	Iridium(III) and rhodium(III) cyclometalated complexes containing sulfur and selenium donor ligands. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 2401-2410	2.3	39
252	2,4-Dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, o1072-o1074		4
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250	Green and red three-photon upconversion from polymeric lanthanide(III) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 4659-62	16.4	54
249	Crystallographic report: A two-dimensional layer structure containing calcium: [Ca <sub>3</sub> (1,3,5-benzenetricarboxylate) <sub>2</sub> (H <sub>2</sub> O) <sub>12</sub> ] <sub>n</sub> . <i>Applied Organometallic Chemistry</i> , <b>2004</b> , 18, 97-98	3.1	22
248	A Highly Luminescent Europium Complex Showing Visible-Light-Sensitized Red Emission: Direct Observation of the Singlet Pathway. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 5120-5123	3.6	65
247	Green and Red Three-Photon Upconversion from Polymeric Lanthanide(III) Complexes. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 4759-4762	3.6	11
246	Template Synthesis, Crystal Structure and Luminescent Properties of Neutral N <sub>4</sub> O <sub>3</sub> Tripodal Ln(III) Complexes (Ln(III) = La <sup>3+</sup> , Eu <sup>3+</sup> , Gd <sup>3+</sup> , Tb <sup>3+</sup> , Dy <sup>3+</sup> , Ho <sup>3+</sup> , Er <sup>3+</sup> , Tm <sup>3+</sup> or Lu <sup>3+</sup> ; H <sub>3</sub> L = Tris[[3-(2-pyridyl)-5-tert-butyl-2-hydroxybenzylidene-2-imino]ethyl]amine). <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 889-894	2.3	43
245	Synthesis, characterization and structural diversity of lanthanide chlorides supported by the diketiminate ligand [(2,6-Me <sub>2</sub> C <sub>6</sub> H <sub>3</sub> )NC(Me) <sub>2</sub> CH] <sub>2</sub> . <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 3173-3180	2.7	29
244	Chiral 2-pyridyl alcoholate copper complexes: crystal structures of [bis(2-pyridyl alcoholate)copper(II)] and the use of [(2-pyridyl alcoholate)copper(II)]+and [(2-pyridyl alcoholate)copper(I)] in asymmetric cyclopropanation of styrene and allylic oxidation of cyclohexene. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 4389-4395	2.7	8
243	Luminescent heptadentate Tb <sup>3+</sup> complex with pendant aza-15-crown-5 showing recognition of lactate and salicylate in aqueous solution. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 6055-6058	2	24
242	A selective one-step synthesis of tris N-alkylated cyclens. <i>Tetrahedron</i> , <b>2004</b> , 60, 5595-5601	2.4	28
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240	Synthesis and structure of a novel Pd(0)Pd(IV)Pd(IV)Pd(0) mixed-valence complex. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 737-740	3.1	5



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238	Green upconversion fluorescence in terbium coordination complexes. <i>Chemical Physics Letters</i> , <b>2004</b> , 398, 372-376	2.5	23
237	Highly electrophilic (salen)ruthenium(VI) nitrido complexes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 478-9	16.4	101
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235	Luminescent Tb <sup>3+</sup> complex with pendant crown ether showing dual-component recognition of H <sup>+</sup> and K <sup>+</sup> at multiple pH windows. <i>Organic Letters</i> , <b>2004</b> , 6, 4841-4	6.2	41
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233	A selective one-step synthesis of tris N-alkylated cyclens. <i>Tetrahedron</i> , <b>2004</b> , 60, 5595-5595	2.4	
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221	Synthesis, structural characterization and solution dynamics of osmiumrhodium mixed-metal cluster [Os <sub>4</sub> Rh(μH) <sub>4</sub> (CO) <sub>13</sub> (μ <sub>2</sub> -NC <sub>5</sub> H <sub>4</sub> C <sub>2</sub> H <sub>2</sub> )]. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 174-177	3.1	13
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3	Ruthenium oxo complexes of macrocyclic tertiary amines. Synthesis, electrochemistry, and reactivities of ruthenium oxo complexes of meso-2,3,7,11,12-pentamethyl-3,7,11,17-tetra-azabicyclo[11.3.1]heptadeca-1(17),13,15-triene (L1), and X-ray crystal structure of trans-[Ru(IV)L1(O)(NCO)]ClO <sub>4</sub> . <i>Journal of the Chemical Society Dalton</i>		28
2	Synthesis and molecular structure of a nitridochromium(V) complex stabilized with dianionic organic amide ligand. <i>Inorganic Chemistry</i> , <b>1988</b> , 27, 2547-2548	5.1	38
1	Advances in analysis of pharmaceuticals by using graphene-based sensors. <i>ChemMedChem</i> ,	3.7	0