Olivier Blacque

List of Publications by Year
in descending order

256 papers	7,148 citations	46984 47 h-index	88593 70 g-index
281 all docs	281 docs citations	281 times ranked	7145 citing authors

#	Article	IF	Citations
1	Naphthalene Exchange in [Re(Î·⁶â€napht)₂]⁺ with Pharmaceuticals Leads to Highly Functionalized Sandwich Complexes [M(Î·⁶â€pharm)₂]⁺ (M=Re/^{99m}Tc). Chemistry - A European Journal, 2022, 28, .	1.7	9
2	Pseudotetrahedral Zn(II)-(R or S)-dihalogen-salicylaldiminato complexes with Î›- or Î”-chirality induction at-metal. Dalton Transactions, 2022, , .	1.6	4
3	The reaction of rhenium nitrosyl with a sterically hindered NHC-carbene. Dalton Transactions, 2022, 51, 1521-1526.	1.6	1
4	Platinum(II) and Copper(II) complexes of asymmetric halogen-substituted [NNÊ¹O] ligands: Synthesis, characterization, structural investigations and antiproliferative activity. Bioorganic Chemistry, 2022, 119, 105556.	2.0	3
5	A Multi-Functional Tool - Cyclopentadienyl Re and 99mTc Complex Synthesis on Highly Functionalised Arenes. Journal of Organometallic Chemistry, 2022, 962, 122281.	0.8	0
6	Subphthalocyanineâ€“triangulene dyads: Property tuning for lightâ€harvesting device applications. Energy Science and Engineering, 2022, 10, 1752-1762.	1.9	3
7	Electrochemical ruthenium-catalysed Câ€“H activation in water through heterogenization of a molecular catalyst. Catalysis Science and Technology, 2022, 12, 1512-1519.	2.1	4
8	Trimesityltriangulene: a persistent derivative of Clar's hydrocarbon. Chemical Communications, 2022, 58, 3019-3022.	2.2	31
9	Crystal structure of tris(4,7-diphenyl-1,10-phenanthroline-Î²² N,Nâ€²)cobalt(III) tris(hexafluorophosphate) monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 313-316.	0.2	0
10	Cooperative Weak Dispersive Interactions Actuate Catalysis in a Shape-Selective Abiological Racemase. Journal of the American Chemical Society, 2022, 144, 2679-2684.	6.6	10
11	[Ru(tmphen)₃]₂[Fe(CN)₆] and [Ru(phen)₃][Fe(CN)₅(NO)] complexes and formation of a heterostructured RuO₂â€“Fe₂O₃ nanocomposite as an efficient alkaline HER and OER electrocatalyst. Dalton Transactions, 2022, 51, 6314-6331.	1.6	6
12	Nucleophilic ability of 5-aminopyrazoles in the multicomponent synthesis of pyrazolodihydropyridines and pyrazolodihydropyrimidines. Australian Journal of Chemistry, 2022, , .	0.5	0
13	Watching Hydrogens Migrate: Step by Step from [Re^I(Î·⁶-C₆H₆)₂]⁺ to [Re^{III}(Î·³-C₆H₉)(Î·⁶-C₆H₆)(NCCH₃)⁺. Inorganic Chemistry, 2022, 61, 3683-3689.	1.9	4
14	The effect of halogenation of salicylaldehyde on the antiproliferative activities of {Î”/Î›-[Ru(bpy)₂(X,Y-sal)]BF₄} complexes. Dalton Transactions, 2022, 51, 7658-7672.	1.6	4
15	An isoindoline bridged [M(Î·⁶-arene)₂]⁺ (M = Re, ^{99m}Tc) ansa-arenophane and its dinuclear macrocycles with axial chirality. Dalton Transactions, 2022, 51, 9591-9595.	1.6	2
16	Complexes of orotic acid and derivatives with the fac-[M(CO)3]+ (MÂ=ÂRe and 99Tc/99mTc) core as radiopharmaceutical probes. Inorganica Chimica Acta, 2022, 539, 121037.	1.2	1
17	Crystal structure of 2-(adamantan-1-yl)-5-(3,5-dinitrophenyl)-1,3,4-oxadiazole, C₁₈H₁₈N₄O₅. Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.1	0
18	Crystal structure of 4-ethyl-2-{[(4-nitrophenyl)methyl]sulfanyl}-6-oxo-1,6-dihydropyrimidine-5-carbonitrile, C₁₄H₁₂N₄O₃S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.1	0

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19	Nonacethrene Unchained: A Cascade to Chiral Contorted Conjugated Hydrocarbon with Two sp³-Defects. Jacs Au, 2022, 2, 1616-1626.	3.6	11
20	A novel benzoylthiourea derivative with a triazinethione moiety: Synthesis and coordination with the organometallic fac-[Re(CO)3]+ core. Inorganica Chimica Acta, 2021, 516, 120116.	1.2	11
21	Highly cytotoxic copper(II) terpyridine complexes as anticancer drug candidates. Inorganica Chimica Acta, 2021, 516, 120137.	1.2	27
22	Induced fit activity-based sensing: a mechanistic study of pyrophosphate detection with a â€œflexibleâ€• Fe-salen complex. Inorganic Chemistry Frontiers, 2021, 8, 4313-4323.	3.0	8
23	Reversible metal-centered reduction empowers a Ni-Corrin to mimic F430. Chemical Communications, 2021, 57, 7260-7263.	2.2	3
24	Co/Ni-polyoxotungstate photocatalysts as precursor materials for electrocatalytic water oxidation. RSC Advances, 2021, 11, 11425-11436.	1.7	3
25	Tunable Lightâ€Emission Properties of Solutionâ€Processable Nâ€Heterocyclic Carbene Cyclometalated Gold(III) Complexes for Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2021, 27, 7265-7274.	1.7	10
26	Immobilization of molecular catalysts on electrode surfaces using hostâ€“guest interactions. Nature Chemistry, 2021, 13, 523-529.	6.6	49
27	Cycloparaphenyleneâ€“Phenalenyl Radical and Its Dimeric Double Nanohoop**. Angewandte Chemie, 2021, 133, 13641-13647.	1.6	9
28	Cycloparaphenyleneâ€“Phenalenyl Radical and Its Dimeric Double Nanohoop**. Angewandte Chemie - International Edition, 2021, 60, 13529-13535.	7.2	43
29	[Re(Î· 6 â€C 6 H 5 â€benzimidazole) 2] + and Derivatives as Dye Mimics; Synthesis, UV Absorption Studies and DFT Calculations. European Journal of Inorganic Chemistry, 2021, 2021, 2493-2498.	1.0	0
30	Frontispiz: Cycloparaphenyleneâ€“Phenalenyl Radical and Its Dimeric Double Nanohoop. Angewandte Chemie, 2021, 133, .	1.6	0
31	Frontispiece: Cycloparaphenyleneâ€“Phenalenyl Radical and Its Dimeric Double Nanohoop. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
32	Redoxâ€Neutral Syntheses and Electrochemical Studies of 10â€Bromoâ€Substituted Lightâ€Stable Antivitamin B 12 Candidates. Helvetica Chimica Acta, 2021, 104, e2100067.	1.0	4
33	Two-gap to single-gap superconducting transition on a honeycomb lattice in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>1</mml:mn> Physical Review Research, 2021, 3, .	1.3	5
34	Monocyclometalated (Câ€‰N) Gold(III) Metallacycles: Tunable Emission and Singlet Oxygen (1 O 2) Generation Properties. Chemistry - A European Journal, 2021, 27, 14410-14417.	1.7	3
35	Monocyclometalated (C^N) Gold(III) Metallacycles: Tunable Emission and Singlet Oxygen (1 O 2) Generation Properties. Chemistry - A European Journal, 2021, 27, 14358.	1.7	0
36	Cytotoxic oxidovanadium(IV) complexes of tridentate halogenâ€substituted Schiff bases: First dinuclear V(IV) complexes with OÂâ†'ÂVIVÂ=ÂOÂâ†'ÂVIVÂ=ÂO core. Bioorganic and Medicinal Chemistry Letters, 2021, 49, 128285.	1.0	3

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37	Schiff base ligands derived from 1,2-bis(2â€²-nitro-/amino-phenoxy)-3-R-benzene and 2-hydroxy-1-naphthaldehyde and their Cu/Zn(<scp>ii</scp>) complexes: synthesis, characterization, X-ray structures and computational studies. CrystEngComm, 2021, 23, 6322-6339.	1.3	3
38	Synthetic control over polymorph formation in the d-band semiconductor system FeS₂. Chemical Science, 2021, 12, 13870-13877.	3.7	2
39	Crystallographic and Theoretical Exploration of Weak Hydrogen Bonds in Arylmethyl Nâ€²-(adamantan-1-yl)piperidine-1-carbothioimidates and Molecular Docking Analysis. ACS Omega, 2021, 6, 27026-27037.	1.6	7
40	Organometallic small molecule kinase inhibitors â€“ direct incorporation of Re and 99mTc into OpaganibÂ®. Chemical Communications, 2021, 57, 13349-13352.	2.2	4
41	Benzo[cd]triangulene: A Spin 1/2 Graphene Fragment. Journal of Organic Chemistry, 2020, 85, 92-100.	1.7	21
42	To Sandwich Technetium: Highly Functionalized Bisâ€Arene Complexes [^{99m}Tc(Î·⁶â€arene)₂]⁺ Directly from Water and [^{99m}TcO₄]^{â¯}. Angewandte Chemie - International Edition, 2020, 59, 1197-1200.	7.2	24
43	To Sandwich Technetium: Highly Functionalized Bisâ€Arene Complexes [99m Tc(Î· 6 â€arene) 2] + Directly from Water and [99m TcO 4] â¯. Angewandte Chemie, 2020, 132, 1213-1216.	1.6	2
44	Antiproliferative Activities of Diimine-Based Mixed Ligand Copper(II) Complexes. ACS Combinatorial Science, 2020, 22, 89-99.	3.8	29
45	Synthesis and characterization of a semiconducting and solution-processable ruthenium-based polymetallayne. Polymer Chemistry, 2020, 11, 472-479.	1.9	9
46	Synthesis and Reactivity of the Rhenium Fulvene Sandwich Complex [Re(Î·6-C5H4CH2)(Î·6-C6H6)]+. Organometallics, 2020, 39, 2713-2718.	1.1	3
47	Fully Solvated, Monomeric Re^{II} Complexes: Insights into the Chemistry of [Re(NCCH₃)₆]²⁺. Inorganic Chemistry, 2020, 59, 17600-17607.	1.9	7
48	Synthesis and charge transfer characteristics of a rutheniumâ€“acetylide complex. RSC Advances, 2020, 10, 43242-43247.	1.7	1
49	Interplay of weak intermolecular interactions in two Schiff's bases with organic fluorine derived from 5-nitrothiophene-2-carboxaldehyde: Crystal structures, DFT calculation and in vitro evaluation of bioactivities. Journal of Molecular Structure, 2020, 1221, 128883.	1.8	6
50	Quantitative analysis of hydrogen and chalcogen bonds in two pyrimidine-5-carbonitrile derivatives, potential DHFR inhibitors: an integrated crystallographic and theoretical study. RSC Advances, 2020, 10, 36806-36817.	1.7	6
51	Mechanistic insights into photocatalysis and over two days of stable H₂ generation in electrocatalysis by a molecular cobalt catalyst immobilized on TiO₂. Catalysis Science and Technology, 2020, 10, 2549-2560.	2.1	7
52	Solid-state to solution helicity inversion of pseudotetrahedral chiral copper(<scp>ii</scp>) complexes with 2,4-dihalo-salicylaldiminate ligands. Dalton Transactions, 2020, 49, 8247-8264.	1.6	16
53	Quantitative assessment of the nature of noncovalent interactions in N-substituted-5-(adamantan-1-yl)-1,3,4-thiadiazole-2-amines: insights from crystallographic and QTAIM analysis. RSC Advances, 2020, 10, 9840-9853.	1.7	28
54	Rationally Designed Long-Wavelength Absorbing Ru(II) Polypyridyl Complexes as Photosensitizers for Photodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 6578-6587.	6.6	144

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55	Rationally designed ruthenium complexes for 1- and 2-photon photodynamic therapy. Nature Communications, 2020, 11, 3262.	5.8	173
56	Metal dipyrrin complexes as potential photosensitizers for photodynamic therapy. Inorganica Chimica Acta, 2020, 505, 119482.	1.2	17
57	The reaction of oxidorhenium(v) with dipodal and tripodal aroylhydrazines: formation of dinuclear and trinuclear aroylhydrazone-bridged rhenium(v) complexes. New Journal of Chemistry, 2020, 44,	1.4	1
58	Anisotropic character of the metal-to-metal transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">P</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	1.1	15
59	Synthesis and Structure Insights of Two Novel Broad-Spectrum Antibacterial Candidates Based on (E)-Nâ€²-[(Heteroaryl)methylene]adamantane-1-carbohydrazides. Molecules, 2020, 25, 1934.	1.7	8
60	Synthesis, characterization and antiparasitic activity of organometallic derivatives of the anthelmintic drug albendazole. Dalton Transactions, 2020, 49, 6616-6626.	1.6	11
61	Ruthenium(II) Complex Containing a Redox-Active Semiquinonate Ligand as a Potential Chemotherapeutic Agent: From Synthesis toIn VivoStudies. Journal of Medicinal Chemistry, 2020, 63, 5568-5584.	2.9	24
62	Towards Long Wavelength Absorbing Photodynamic Therapy Photosensitizers via the Extension of a [Ru(bipy)₃]²⁺ Core. European Journal of Inorganic Chemistry, 2019, 2019, 3704-3712.	1.0	31
63	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. Angewandte Chemie, 2019, 131, 14472-14478.	1.6	23
64	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. Angewandte Chemie - International Edition, 2019, 58, 14334-14340.	7.2	100
65	Solution and Solid-State Structure of the First NHC-Substituted Rhenium Heptahydrides. European Journal of Inorganic Chemistry, 2019, 2019, 3800-3800.	1.0	0
66	Solution and Solidâ€State Structure of the First NHCâ€Substituted Rhenium Heptahydrides. European Journal of Inorganic Chemistry, 2019, 2019, 3810-3819.	1.0	8
67	Thermally Robust and Tuneable Phosphorescent Gold(III) Complexes Bearing (N^N)â€Type Bidentate Ligands as Ancillary Chelates. Chemistry - A European Journal, 2019, 25, 3627-3636.	1.7	16
68	Polymeric Bis(dipyrrinato) Zinc(II) Nanoparticles as Selective Imaging Probes for Lysosomes of Cancer Cells. Inorganic Chemistry, 2019, 58, 12422-12432.	1.9	31
69	Nickel catalyzed synthesis of 4,4â€²-bichromenes/4,4â€²-bithiochromenes and their Atropisomerism. Organic Chemistry Frontiers, 2019, 6, 134-139.	2.3	1
70	Systematic investigation of the antiproliferative activity of a series of ruthenium terpyridine complexes. Journal of Inorganic Biochemistry, 2019, 198, 110752.	1.5	47
71	A Ru(II) polypyridyl complex bearing aldehyde functions as a versatile synthetic precursor for long-wavelength absorbing photodynamic therapy photosensitizers. Bioorganic and Medicinal Chemistry, 2019, 27, 2666-2675.	1.4	38
72	Towards blue emitting monocyclometalated gold(iii) complexes â€“ synthesis, characterization and photophysical investigations. Dalton Transactions, 2019, 48, 7320-7330.	1.6	16

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73	Crystal structure, Hirshfeld surface analysis and DFT studies of 5-(adamantan-1-yl)-3-[(4-chlorobenzyl)sulfanyl]-4-methyl-4H-1,2,4-triazole, a potential 11Î²-HSD1 inhibitor. Scientific Reports, 2019, 9, 19745.	1.6	47
74	Targeted photoredox catalysis in cancer cells. Nature Chemistry, 2019, 11, 1041-1048.	6.6	293
75	Crystal structure of a new 2,6-bis(imino)pyridine derivative: (1E,1â€²E)-1,1â€²-(pyridine-2,6-diyl)bis[N-(4-chlorophenyl)ethan-1-imine]. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 115-118.	0.2	1
76	Crystal structures and Hirshfeld surface analysis of 2-(adamantan-1-yl)-5-(4-fluorophenyl)-1,3,4-oxadiazole and 2-(adamantan-1-yl)-5-(4-chlorophenyl)-1,3,4-oxadiazole. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 611-615.	0.2	7
77	Ultrafast Ligand Self-Exchanging Gadolinium Complexes in Ionic Liquids for NMR Field Probes. Inorganic Chemistry, 2018, 57, 2314-2319.	1.9	5
78	Highly Stable and Strongly Emitting N-Heterocyclic Carbene Platinum(II) Biaryl Complexes. Inorganic Chemistry, 2018, 57, 8160-8168.	1.9	16
79	Dimethylcethrene: A Chiroptical Diradicaloid Photoswitch. Journal of the American Chemical Society, 2018, 140, 10839-10847.	6.6	83
80	Rationally Designed Blue Triplet Emitting Gold(III) Complexes Based on a PhenylpyridineâEDerived Framework. Chemistry - A European Journal, 2017, 23, 3837-3849.	1.7	19
81	Evaluation of the Medicinal Potential of Two Ruthenium(II) Polypyridine Complexes as Oneâ•and TwoâEPhoton Photodynamic Therapy Photosensitizers. Chemistry - A European Journal, 2017, 23, 9888-9896.	1.7	93
82	PostâESynthesis Amine Borane Functionalization of a MetalâEOrganic Framework and Its Unusual Chemical Hydrogen Release Phenomenon. Chemistry - A European Journal, 2017, 23, 8823-8828.	1.7	6
83	Harnessing WhiteâELight Luminescence via Tunable SingletâEand TripletâEDerived Emissions Based on Gold(III) Complexes *. Chemistry - A European Journal, 2017, 23, 9451-9456.	1.7	33
84	Stable N-heterocyclic carbene (NHC) cyclometalated (C^C) gold(<scp>iii</scp>) complexes as blueâ€“blue green phosphorescence emitters. Journal of Materials Chemistry C, 2017, 5, 3765-3769.	2.7	34
85	Frontispiece: Rationally Designed Blue Triplet Emitting Gold(III) Complexes Based on a PhenylpyridineâEDerived Framework. Chemistry - A European Journal, 2017, 23, .	1.7	0
86	Molecular salts of 2,6-dihydroxybenzoic acid (2,6-DHB) with N-heterocycles: Crystal structures, spectral properties and Hirshfeld surface analysis. Journal of Molecular Structure, 2017, 1134, 190-198.	1.8	9
87	Structure and reactivities of rhenium and technetium bis-arene sandwich complexes [M(Î·⁶-arene)₂]⁺. Dalton Transactions, 2017, 46, 14631-14637.	1.6	26
88	Frontispiece: Harnessing WhiteâELight Luminescence via Tunable SingletâEand TripletâEDerived Emissions Based on Gold(III) Complexes *. Chemistry - A European Journal, 2017, 23, .	1.7	0
89	Sedaxicenes: potential new antifungal ferrocene-based agents?. Dalton Transactions, 2016, 45, 6619-6626.	1.6	27
90	Electronic communication in phosphine substituted bridged dirhenium complexes â€“ clarifying ambiguities raised by the redox non-innocence of the C₄H₂- and C₄-bridges. Dalton Transactions, 2016, 45, 5783-5799.	1.6	18

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91	Tunable and Efficient White Light Phosphorescent Emission Based on Single Component N-Heterocyclic Carbene Platinum(II) Complexes. Inorganic Chemistry, 2016, 55, 4733-4745.	1.9	63
92	Organometallic Derivatization of the Nematocidal Drug Monepantel Leads to Promising Antiparasitic Drug Candidates. Chemistry - A European Journal, 2016, 22, 16602-16612.	1.7	19
93	Ullmann-Type and Related Redox Reactions of Nitrosyl Molybdenum Complexes Bearing a Large-Bite-Angle Diphosphine. European Journal of Inorganic Chemistry, 2016, 2016, 103-110.	1.0	1
94	N-Nitrosamine-{cis-Re[CO]₂}²⁺ cobalamin conjugates as mixed CO/NO-releasing molecules. Dalton Transactions, 2016, 45, 1504-1513.	1.6	19
95	Modulating the cobalt redox potential through imidazole hydrogen bonding interactions in a supramolecular biomimetic protein-cofactor model. Chemical Science, 2016, 7, 3836-3842.	3.7	8
96	Synthesis, structure, magnetic and magnetocaloric properties of a series of {CrIII4Ln^{III}} complexes. New Journal of Chemistry, 2016, 40, 3571-3577.	1.4	24
97	A facile synthetic route to benzimidazolium salts bearing bulky aromatic N-substituents. Beilstein Journal of Organic Chemistry, 2015, 11, 1656-1666.	1.3	15
98	Ligand assisted carbon dioxide activation and hydrogenation using molybdenum and tungsten amides. Dalton Transactions, 2015, 44, 6560-6570.	1.6	51
99	Structural and Electronic Variations of sp/sp² Carbon-Based Bridges in Di- and Trinuclear Redox-Active Iron Complexes Bearing Fe(diphosphine)₂X (X = I, NCS) Moieties. Organometallics, 2015, 34, 408-418.	1.1	10
100	Stable and color tunable emission properties based on non-cyclometalated gold(<scp>iii</scp>) complexes. Dalton Transactions, 2015, 44, 10003-10013.	1.6	8
101	Spontaneously resolving chiral cis-[dinitrobis(ethylenediamine)cobalt]X complexes (X=Cl, Br) from the Alfred Werner collection of original samples at the University of Zurich â€“ Alfred Werner's missed opportunity to become the â€˜Louis Pasteurâ€™ of coordination compounds. Educacion Quimica, 2015, 26, 330-345.	0.1	0
102	Monocyclometalated Gold(III) Complexes Bearing Ï€-Accepting Cyanide Ligands: Syntheses, Structural, Photophysical, and Electrochemical Investigations. Inorganic Chemistry, 2015, 54, 10748-10760.	1.9	32
103	Alfred Werner's Chemistry of Dinuclear Complexes â€“ A Test Case of Werner's Intuition. Chimia, 2014, 68, 299.	0.3	3
104	Anticancer Profile of a Series of Gold(III) (2â€phenyl)pyridine Complexes. ChemMedChem, 2014, 9, 2781-2790.	1.6	27
105	Monocyclometalated Gold(III) Monoaryl Complexesâ€”A New Class of Triplet Phosphors with Highly Tunable and Efficient Emission Properties. Chemistry - A European Journal, 2014, 20, 2585-2596.	1.7	45
106	Structure and Properties of New Galliumâ€containing Polyoxotungstates with Hexanuclear and Tetranuclear Cores. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 781-789.	0.6	10
107	Highly Active, Lowâ€Valence Molybdenumâ€and Tungstenâ€Amide Catalysts for Bifunctional Imineâ€Hydrogenation Reactions. Chemistry - an Asian Journal, 2014, 9, 328-337.	1.7	29
108	Structural Evidence for Lewis Acid Triggered Nitrosyl Bending in Rhenium(â€“I) Chloro Catalysts for Alkene Hydrogenation Reactions. European Journal of Inorganic Chemistry, 2014, 2014, 140-147.	1.0	5

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109	Metalâ€Free Triplet Phosphors with High Emission Efficiency and High Tunability. Angewandte Chemie - International Edition, 2014, 53, 6378-6382.	7.2	95
110	Tuning the Luminescent Properties of Pt(II) Acetylide Complexes through Varying the Electronic Properties of N-Heterocyclic Carbene Ligands. Inorganic Chemistry, 2014, 53, 756-771.	1.9	46
111	Three Steps in One Pot: Synthesis of Linear Bilateral Extended 2,2â€²:6â€²,2â€³-Terpyridineruthenium(II) Complexes. Inorganic Chemistry, 2014, 53, 12122-12126.	1.9	7
112	An octadentate bifunctional chelating agent for the development of stable zirconium-89 based molecular imaging probes. Chemical Communications, 2014, 50, 11523-11525.	2.2	120
113	Trisphosphineâ€Chelateâ€Substituted Molybdenum and Tungsten Nitrosyl Hydrides as Highly Active Catalysts for Olefin Hydrogenations. Chemistry - A European Journal, 2014, 20, 12641-12654.	1.7	15
114	Luminescent monocyclometalated cationic gold(iii) complexes: synthesis, photophysical characterization and catalytic investigations. Dalton Transactions, 2014, 43, 11959.	1.6	29
115	Hydrogenation of Imines Catalyzed by Trisphosphineâ€Substituted Molybdenum and Tungsten Nitrosyl Hydrides and Coâ€Catalytic Acid. Chemistry - an Asian Journal, 2014, 9, 2896-2907.	1.7	19
116	Organometallic Single-Molecule Electronics: Tuning Electron Transport through X(diphosphine)₂FeC₄Fe(diphosphine)₂X Building Blocks by Varying the Feâ€“Xâ€“Au Anchoring Scheme from Coordinative to Covalent. Journal of the American Chemical Society, 2014, 136, 14560-14569.	6.6	74
117	Synthesis and hydrogen adsorption properties of internally polarized 2,6-azulenedicarboxylate based metalâ€“organic frameworks. Journal of Materials Chemistry A, 2014, 2, 18823-18830.	5.2	29
118	Synthesis, Characterization, and Biological Evaluation of New Ru(II) Polypyridyl Photosensitizers for Photodynamic Therapy. Journal of Medicinal Chemistry, 2014, 57, 7280-7292.	2.9	149
119	Live-Fibroblast IR Imaging of a Cytoprotective PhotoCORM Activated with Visible Light. Journal of Medicinal Chemistry, 2013, 56, 6719-6731.	2.9	70
120	Stepwise Construction of an Iron-Substituted Rigid-Rod Molecular Wire: Targeting a Tetraferraâ€“Tetracosaâ€“Decayne. Journal of the American Chemical Society, 2013, 135, 4051-4060.	6.6	53
121	Photocatalytic water oxidation with cobalt-containing tungstobismutates: tuning the metal core. Catalysis Science and Technology, 2013, 3, 3117.	2.1	47
122	Highly Efficient Large Bite Angle Diphosphine Substituted Molybdenum Catalyst for Hydrosilylation. ACS Catalysis, 2013, 3, 2208-2217.	5.5	19
123	Impact of 2,6-connectivity in azulene: optical properties and stimuli responsive behavior. Journal of Materials Chemistry C, 2013, 1, 7400.	2.7	59
124	Conformational flexibility of palladium BINAP complexes explored by X-ray analyses and DFT studies. Polyhedron, 2013, 52, 102-105.	1.0	10
125	The â€œCatalytic Nitrosyl Effectâ€• NO Bending Boosting the Efficiency of Rhenium Based Alkene Hydrogenations. Journal of the American Chemical Society, 2013, 135, 4088-4102.	6.6	41
126	Catalytic CO₂ Activation Assisted by Rhenium Hydride/B(C₆F₅)₃ Frustrated Lewis Pairsâ€”Metal Hydrides Functioning as FLP Bases. Journal of the American Chemical Society, 2013, 135, 7751-7760.	6.6	173

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127	Coordination Properties of Multidentate Phosphanylborane Ligands in Tungsten Nitrosyl Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 3155-3166.	1.0	13
128	Efficient Lewis Acid Promoted Alkene Hydrogenations Using Dinitrosyl Rhenium(â˜I) Hydride Catalysts. Organometallics, 2013, 32, 7043-7052.	1.1	20
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