

Massimiliano Massi

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.

109
papers

2,003
citations

25
h-index

39
g-index

119
ext. papers

2,344
ext. citations

4.6
avg, IF

5.13
L-index

#	Paper	IF	Citations
109	Assessing Lanthanide-to-Lanthanide Energy Transfer in a Family of Site-Resolved [Ln Ln'] Heterodimetallic Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 7288-7299	4.8	2
108	Alkyl tetrazoles as diimine (diim) ligands for fac-[Re(diim)(CO) ₃ (L)]-type complexes. Synthesis, characterization and preliminary studies of the interaction with bovine serum albumin. <i>Inorganica Chimica Acta</i> , 2021 , 518, 120244	2.7	2
107	Spectroscopic and Molecular Docking Study of the Interaction between Neutral Re(I) Tetrazolate Complexes and Bovine Serum Albumin. <i>Chemistry - A European Journal</i> , 2021 , 27, 11406-11417	4.8	1
106	(η^5 -Tetrafluorobenzobarrelene)- η^1 -((tri-4-fluorophenyl)phosphine)- η^1 -(2-phenylphenyl)rhodium(I): A Catalyst for the Living Polymerization of Phenylacetylenes. <i>Macromolecules</i> , 2021 , 54, 6191-6203	5.5	3
105	Neutral Re(I) Complex Platform for Live Intracellular Imaging. <i>Inorganic Chemistry</i> , 2021 , 60, 10173-10185	5.1	2
104	Fluorine-18 Radiolabelling and Photophysical Characteristics of Multimodal PET-Fluorescence Molecular Probes. <i>Chemistry - A European Journal</i> , 2021 , 27, 861-876	4.8	10
103	In utero substrate restriction by placental insufficiency or maternal undernutrition decreases optical redox ratio in foetal perirenal fat. <i>Journal of Biophotonics</i> , 2021 , 14, e202000322	3.1	3
102	Colourless luminescent solar concentrators based on Iridium(III)-Phosphors. <i>Dyes and Pigments</i> , 2021 , 193, 109532	4.6	3
101	Pharmacological and structure-activity relationship studies of oleoyl-lysophosphatidylinositol synthetic mimetics. <i>Pharmacological Research</i> , 2021 , 172, 105822	10.2	1
100	Mapping sub-cellular protein aggregates and lipid inclusions using synchrotron ATR-FTIR microspectroscopy. <i>Analyst, The</i> , 2021 , 146, 3516-3525	5	3
99	Structure illumination microscopy imaging of lipid vesicles in live bacteria with naphthalimide-appended organometallic complexes. <i>Analyst, The</i> , 2021 , 146, 3818-3822	5	2
98	Telescoping the Synthesis of the [¹⁸ F]CABS13 Alzheimer's Disease Radiopharmaceutical via Flow Microfluidic Rhenium(I) Complexations. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3554-3564	2.3	1
97	Rhenium N-heterocyclic carbene complexes block growth of aggressive cancers by inhibiting FGFR- and SRC-mediated signalling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 276	12.8	5
96	Antibacterial activity of a new class of tris homoleptic Ru (II)-complexes with alkyl-tetrazoles as diimine-type ligands. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5806	3.1	3
95	Labeled Rhenium Complexes: Radiofluorination, β MSH Cyclization, and Deuterium Substitutions. <i>Organometallics</i> , 2020 , 39, 2334-2351	3.8	1
94	Comparison of the impact of ozone, chlorine dioxide, ferrate and permanganate pre-oxidation on organic disinfection byproduct formation during post-chlorination. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 2382-2395	4.2	9
93	Rhenium(i) complexation-dissociation strategy for synthesising fluorine-18 labelled pyridine bidentate radiotracers.. <i>RSC Advances</i> , 2020 , 10, 8853-8865	3.7	5

92	Luminescent Copolymer-Rhenium(I) Hybrid Materials via Picolyamine-Modified Poly(pentafluorophenyl acrylate). <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000135	2.6	2
91	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020 , 11, 2627-2639	9.4	136
90	Rhenium(I)-tetrazolato functional luminescent polymers: Organic-inorganic hybrids via RAFT and post-polymerization modification. <i>European Polymer Journal</i> , 2020 , 126, 109559	5.2	5
89	Unravelling the Mechanism of Excited-State Interligand Energy Transfer and the Engineering of Dual Emission in [Ir(CN)(NN)] Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 1785-1803	5.1	23
88	Tetrazole functional copolymers: Facile access to well-defined Rhenium(I)-Polymeric luminescent materials. <i>Polymer</i> , 2020 , 198, 122522	3.9	6
87	Imaging lipophilic regions in rodent brain tissue with halogenated BODIPY probes. <i>Analyst, The</i> , 2020 , 145, 3809-3813	5	2
86	Dendronised Polymers as Templates for In Situ Quantum Dot Synthesis. <i>Australian Journal of Chemistry</i> , 2020 , 73, 658	1.2	
85	Influence of the para-Substituent in Lanthanoid Complexes of Bis-Tetrazole-Substituted Calix[4]arenes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 94-100	2.3	3
84	Rh(I)(2,5-norbornadiene)(biphenyl)(tris(4-fluorophenyl)phosphine): Synthesis, Characterization, and Application as an Initiator in the Stereoregular (Co)Polymerization of Phenylacetylenes. <i>ACS Macro Letters</i> , 2020 , 9, 56-60	6.6	9
83	Synthesis and Photochemical Properties of Manganese(I) Tricarbonyl Diimine Complexes Bound to Tetrazolato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 292-298	2.3	7
82	Lanthanoid pyridyl-diketonate 'triangles'. New examples of single molecule toroids. <i>Dalton Transactions</i> , 2020 , 49, 17421-17432	4.3	1
81	Enhanced Near-Infrared Emission from Eight-Coordinate vs Nine-Coordinate Yb Complexes Using 2-(5-Methylpyridin-2-yl)-8-hydroxyquinoline. <i>Inorganic Chemistry</i> , 2020 , 59, 16194-16204	5.1	2
80	Synthesis and Photochemical Properties of Re(I) Tricarbonyl Complexes Bound to Thione and Thiazol-2-ylidene Ligands. <i>Organometallics</i> , 2020 , 39, 3202-3211	3.8	5
79	Photophysical and Biological Properties of Iridium Tetrazolato Complexes Functionalised with Fatty Acid Chains. <i>Inorganics</i> , 2020 , 8, 23	2.9	2
78	A facile methodology using quantum dot multiplex labels for tracking co-transfection.. <i>RSC Advances</i> , 2019 , 9, 20053-20057	3.7	2
77	Complementary Approaches to Imaging Subcellular Lipid Architectures in Live Bacteria Using Phosphorescent Iridium Complexes and Raman Spectroscopy. <i>Chemistry - A European Journal</i> , 2019 , 25, 10566-10570	4.8	14
76	Synthesis and structural, redox and photophysical properties of tris-(2,5-di(2-pyridyl)pyrrolide) lanthanide complexes. <i>Dalton Transactions</i> , 2019 , 48, 9365-9375	4.3	2
75	Colloidal quasi-one-dimensional dual semiconductor core/shell nanorod couple heterostructures with blue fluorescence. <i>Nanoscale</i> , 2019 , 11, 10190-10197	7.7	8

74	Synthesis, reactivity and preliminary biological activity of iron(0) complexes with cyclopentadienone and amino-appended N-heterocyclic carbene ligands. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4779	3.1	12
73	[F]Ethenesulfonyl Fluoride as a Practical Radiofluoride Relay Reagent. <i>Chemistry - A European Journal</i> , 2019 , 25, 7613-7617	4.8	13
72	Synthesis and characterisation of homoleptic 2,9-diaryl-1,10-phenanthroline copper(i) complexes: influencing selectivity in photoredox-catalysed atom-transfer radical addition reactions. <i>Dalton Transactions</i> , 2019 , 48, 7290-7301	4.3	11
71	Tricarbonyl rhenium(i) tetrazolato and N-heterocyclic carbene complexes: versatile visible-light-mediated photoredox catalysts. <i>Dalton Transactions</i> , 2019 , 48, 12749-12754	4.3	16
70	Photophysical and biological investigation of phenol substituted rhenium tetrazolato complexes. <i>Dalton Transactions</i> , 2019 , 48, 15613-15624	4.3	7
69	Anionic Cyclometalated Platinum(II) Tetrazolato Complexes as Viable Photoredox Catalysts. <i>Organometallics</i> , 2019 , 38, 1108-1117	3.8	21
68	Photophysical investigation of near infrared emitting lanthanoid complexes incorporating tris(2-naphthoyl)methane as a new antenna ligand. <i>Dalton Transactions</i> , 2019 , 48, 3768-3776	4.3	4
67	A (2-(naphthalen-2-yl)phenyl)rhodium(i) complex formed by a proposed intramolecular 1,4-ortho-to-ortho' Rh metal-atom migration and its efficacy as an initiator in the controlled stereospecific polymerisation of phenylacetylene. <i>Dalton Transactions</i> , 2019 , 48, 16437-16447	4.3	8
66	Metal-based antitumor compounds: beyond cisplatin. <i>Future Medicinal Chemistry</i> , 2019 , 11, 119-135	4.1	46
65	Rhodium(I)- π -Phenylvinylfluorenyl Complexes: Synthesis, Characterization, and Evaluation as Initiators in the Stereospecific Polymerization of Phenylacetylene. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 592-601	2.3	7
64	Effect of Rhenium(I) Complexation on Aza-Michael Additions to 5-Amino-1,10-Phenanthroline with [18F]Ethenesulfonyl Fluoride towards PET Optical Tracer Development. <i>Australian Journal of Chemistry</i> , 2019 , 72, 288	1.2	5
63	Analyzing the Relation between Structure and Aggregation Induced Emission (AIE) Properties of Iridium(III) Complexes through Modification of Non-Chromophoric Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 152-163	2.3	15
62	Cyclometalated iridium(III) complexes for life science. <i>Coordination Chemistry Reviews</i> , 2018 , 363, 71-91	23.2	115
61	Synthesis, bioconjugation and stability studies of [F]ethenesulfonyl fluoride. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018 , 61, 847-856	1.9	10
60	Energy transfer between Eu and Nd in near-infrared emitting β -diketonate coordination polymers. <i>Dalton Transactions</i> , 2018 , 47, 12345-12352	4.3	16
59	Naphthalene flanked diketopyrrolopyrrole based organic semiconductors for high performance organic field effect transistors. <i>New Journal of Chemistry</i> , 2018 , 42, 12374-12385	3.6	20
58	Lipid profiles of prostate cancer cells. <i>Oncotarget</i> , 2018 , 9, 35541-35552	3.3	22
57	Lanthanoid complexes supported by retro-Claisen condensation products of β -diketonates. <i>Dalton Transactions</i> , 2018 , 47, 17469-17478	4.3	3

56	Properties and prospects for rhenium(i) tricarbonyl N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2018 , 54, 12429-12438	5.8	34
55	Probing the effect of β -diketonates in visible and NIR emitting lanthanoid complexes. <i>Dalton Transactions</i> , 2018 , 47, 7956-7964	4.3	8
54	Mitochondrial imaging in live or fixed tissues using a luminescent iridium complex. <i>Scientific Reports</i> , 2018 , 8, 8191	4.9	23
53	Luminescent protein staining with Re(i) tetrazolato complexes. <i>Dalton Transactions</i> , 2018 , 47, 9400-9410	4.3	9
52	Photochemical Processes in a Rhenium(I) Tricarbonyl N-Heterocyclic Carbene Complex Studied by Time-Resolved Measurements. <i>Inorganic Chemistry</i> , 2017 , 56, 3404-3413	5.1	27
51	Defining the Anti-Cancer Activity of Tricarbonyl Rhenium Complexes: Induction of G2/M Cell Cycle Arrest and Blockade of Aurora-A Kinase Phosphorylation. <i>Chemistry - A European Journal</i> , 2017 , 23, 6518-6521	4.8	40
50	A Fluorine-18 Radiolabeling Method Enabled by Rhenium(I) Complexation Circumvents the Requirement of Anhydrous Conditions. <i>Chemistry - A European Journal</i> , 2017 , 23, 6499-6503	4.8	12
49	Methylation of Ir(iii)-tetrazolato complexes: an effective route to modulate the emission outputs and to switch to antimicrobial properties. <i>Dalton Transactions</i> , 2017 , 46, 12328-12338	4.3	15
48	Versatility of Terpyridine-Functionalised Aryl Tetrazoles: Photophysical Properties, Ratiometric Sensing of Zinc Cations and Sensitisation of Lanthanide Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5260-5270	2.3	8
47	Investigating Intracellular Localisation and Cytotoxicity Trends for Neutral and Cationic Iridium Tetrazolato Complexes in Live Cells. <i>Chemistry - A European Journal</i> , 2017 , 23, 15666-15679	4.8	46
46	Visible and Near-Infrared Emission from Lanthanoid β -diketonate Assemblies Incorporating Cesium Cations. <i>Inorganic Chemistry</i> , 2017 , 56, 8975-8985	5.1	17
45	Luminescent Lanthanoid Calixarene Complexes and Materials. <i>Materials</i> , 2017 , 10,	3.5	19
44	Imaging nuclear, endoplasmic reticulum and plasma membrane events in real time. <i>FEBS Letters</i> , 2016 , 590, 3051-60	3.8	20
43	Negatively charged Ir(iii) cyclometalated complexes containing a chelating bis-tetrazolato ligand: synthesis, photophysics and the study of reactivity with electrophiles. <i>Dalton Transactions</i> , 2016 , 45, 12884-96	4.3	12
42	Investigation of the structure and magnetism in lanthanide β -diketonate tetranuclear assemblies. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1852-1863	1.6	2
41	Fully Ir(iii) tetrazolato soft salts: the road to white-emitting ion pairs. <i>Dalton Transactions</i> , 2016 , 45, 3256-9	4.9	14
40	Structural characterisation and photophysical properties of lanthanoid complexes of a tetra-amide functionalised calix[4]arene. <i>Supramolecular Chemistry</i> , 2016 , 28, 567-574	1.8	15
39	Photophysical and photochemical studies of tricarbonyl rhenium(I) N-heterocyclic carbene complexes containing azide and triazolato ligands. <i>New Journal of Chemistry</i> , 2016 , 40, 5797-5807	3.6	25

38	A Molecular Probe for the Detection of Polar Lipids in Live Cells. <i>PLoS ONE</i> , 2016 , 11, e0161557	3.7	26
37	Synthesis, structure and conformational mobility of tetra-substituted cyanomethoxy p-tert-butylcalix[4]arenes. <i>RSC Advances</i> , 2016 , 6, 37006-37011	3.7	2
36	Lanthanoid Complexation by a Tris-Tetrazole-Functionalised Calix[4]arene. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5366-5372	2.3	4
35	Tetrazoles: calcium oxalate crystal growth modifiers. <i>CrystEngComm</i> , 2015 , 17, 2675-2681	3.3	5
34	Targeting divalent metal cations with Re(I) tetrazolato complexes. <i>Dalton Transactions</i> , 2015 , 44, 20597-608	4.9	17
33	Ionophoric properties of a tetra-tetrazole functionalised calix[4]arene. <i>Supramolecular Chemistry</i> , 2015 , 27, 787-791	1.8	4
32	Investigation of the Photophysical Properties of a Eu ³⁺ Coordination Polymer Bearing an β -Nitrile Substituted β -Diketonate Ligand via Emission and Ultrafast Transient Absorption Spectroscopy. <i>Australian Journal of Chemistry</i> , 2015 , 68, 1392	1.2	4
31	Lanthanoid/Alkali Metal β -Triketonate Assemblies: A Robust Platform for Efficient NIR Emitters. <i>Chemistry - A European Journal</i> , 2015 , 21, 18354-63	4.8	19
30	Rhenium tetrazolato complexes coordinated to thioalkyl-functionalised phenanthroline ligands: synthesis, photophysical characterisation, and incubation in live HeLa cells. <i>Dalton Transactions</i> , 2015 , 44, 20636-47	4.3	14
29	Methylated Re(I) tetrazolato complexes: photophysical properties and Light Emitting Devices. <i>Dalton Transactions</i> , 2015 , 44, 8379-93	4.3	36
28	Lanthanoid β -triketones: a new class of highly efficient NIR emitters for bright NIR-OLEDs. <i>Chemical Communications</i> , 2014 , 50, 11580-2	5.8	32
27	Introducing a New Family of Biotinylated Ir(III)-Pyridyltriazole Lumophores: Synthesis, Photophysics, and Preliminary Study of Avidin-Binding Properties. <i>Organometallics</i> , 2014 , 33, 6154-6164	3.8	21
26	Proton-induced reversible modulation of the luminescent output of rhenium(I), iridium(III), and ruthenium(II) tetrazolate complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 229-43	5.1	32
25	Lanthanoid "bottlebrush" clusters: remarkably elongated metal-oxo core structures with controllable lengths. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15122-5	16.4	40
24	Modulation of the organelle specificity in Re(I) tetrazolato complexes leads to labeling of lipid droplets. <i>RSC Advances</i> , 2014 , 4, 16345-16351	3.7	42
23	Photophysical and photochemical trends in tricarbonyl rhenium(I) N-heterocyclic carbene complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 3629-41	5.1	45
22	The photochemistry of rhenium(I) tricarbonyl N-heterocyclic carbene complexes. <i>Dalton Transactions</i> , 2013 , 42, 14100-14	4.3	48
21	Blue emitting C ₂ -symmetrical dibenzothiazolyl substituted pyrrole, furan and thiophene. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2209	7.1	10

20	One-step assembly of Re(I) tricarbonyl 2-pyridyltetrazolato metallacalix[3]arene with aqua emission and reversible three-electron oxidation. <i>Dalton Transactions</i> , 2013 , 42, 8188-91	4.3	17
19	Variation of structural motifs in lanthanoid hydroxo clusters by ligand modification. <i>New Journal of Chemistry</i> , 2013 , 37, 35-48	3.6	43
18	Ligand-Induced Structural, Photophysical, and Electrochemical Variations in Tricarbonyl Rhenium(I) Tetrazolato Complexes. <i>Organometallics</i> , 2013 , 32, 3728-3737	3.8	26
17	New tetrazole-based Cu(I) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. <i>Dalton Transactions</i> , 2013 , 42, 997-1010	4.3	90
16	Enhanced deep-blue emission from Pt(II) complexes bound to 2-pyridyltetrazolate and an ortho-xylene-linked bis(NHC)cyclophane. <i>Dalton Transactions</i> , 2013 , 42, 4233-6	4.3	22
15	Synthesis, Photophysical and Electrochemical Investigation of Dinuclear Tetrazolato-Bridged Rhenium Complexes. <i>Organometallics</i> , 2012 , 31, 7566-7578	3.8	28
14	Luminescent lanthanoid complexes of a tetrazole-functionalised calix[4]arene. <i>Dalton Transactions</i> , 2012 , 41, 4736-9	4.3	39
13	Hydrated Lanthanoid Complexes of 5-(2-Pyridyl)tetrazole Formed in the Presence of Dimethyl Sulfoxide. <i>Australian Journal of Chemistry</i> , 2012 , 65, 819	1.2	2
12	Synthesis, structural, and photophysical investigation of diimine tricarbonyl Re(I) tetrazolato complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 1229-41	5.1	71
11	A "plug-and-play" approach to the preparation of transparent luminescent hybrid materials based on poly(methyl methacrylate), a calix[4]arene cross-linking agent, and terbium ions. <i>Chemical Communications</i> , 2011 , 47, 3876-8	5.8	23
10	N-heterocyclic carbenes as π -acceptors in luminescent Re(I) tricarbonyl complexes. <i>Dalton Transactions</i> , 2011 , 40, 11960-7	4.3	52
9	Tetrazoles: a new class of compound for crystallization modification. <i>CrystEngComm</i> , 2010 , 12, 4205	3.3	9
8	Di[2,6-bis(5-phenylpyrazol-3-yl)pyridine]Co(II): an old coordination mode for a novel supramolecular assembly. <i>CrystEngComm</i> , 2010 , 12, 3422	3.3	9
7	Synthesis and characterization of homo- and heterovalent tetra- hexa- hepta- and decanuclear manganese clusters using pyridyl functionalized beta-diketone, carboxylate and triethanolamine ligands. <i>Dalton Transactions</i> , 2010 , 39, 7236-49	4.3	42
6	Formation of Ho(III) Trinuclear Clusters and Gd(III) Monodimensional Polymers Induced by ortho and para Regioisomers of Pyridyl-Functionalised β -Diketones: Synthesis, Structure, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 744-751	2.3	54
5	Diol-functionalised benzoates as novel linkers for the formation of coordination polymers. <i>CrystEngComm</i> , 2007 , 9, 282	3.3	4
4	Templated assembly of a μ_6 -CO ₃ 2- dodecanuclear lanthanum dibenzoylmethanide hydroxido cluster with concomitant formation of phenylglyoxylate. <i>Dalton Transactions</i> , 2007 , 5651-4	4.3	83
3	A rhodamine β -phthalimide β -benzamide trichromophoric system with solid-state and multiple solvent dependent aggregate emissive properties. <i>Materials Chemistry Frontiers</i> ,	7.8	2

2	Structure, derivatisation, and metal complexation of p-cyclohexylcalix[4]arene. <i>Supramolecular Chemistry</i> ,1-8	1.8
1	Well-defined Tetrazole-functional Copolymers as Macromolecular Ligands for Luminescent Ir(III) and Re(I) Metal Species: Synthesis, Photophysical Properties and Application in Bioimaging. <i>Macromolecular Chemistry and Physics</i> ,2200021	2.6