

Nils Metzler-Nolte

List of Publications by Year in descending order

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249
papers

15,007
citations

22099

59
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112
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269
all docs

269
docs citations

269
times ranked

13721
citing authors

#	ARTICLE	IF	CITATIONS
1	Organometallic Anticancer Compounds. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3-25.	2.9	1,408
2	Bioorganometallic Chemistry of Ferrocene. <i>Chemical Reviews</i> , 2004, 104, 5931-5986.	23.0	1,209
3	Synthesis and Structure of a Stable Silylene. <i>Journal of the American Chemical Society</i> , 1994, 116, 2691-2692.	6.6	707
4	Challenges and Opportunities in the Development of Organometallic Anticancer Drugs. <i>Organometallics</i> , 2012, 31, 5677-5685.	1.1	507
5	The potential of organometallic complexes in medicinal chemistry. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 84-91.	2.8	415
6	Small cationic antimicrobial peptides delocalize peripheral membrane proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1409-18.	3.3	283
7	Structural Complexity in Metal-Organic Frameworks: Simultaneous Modification of Open Metal Sites and Hierarchical Porosity by Systematic Doping with Defective Linkers. <i>Journal of the American Chemical Society</i> , 2014, 136, 9627-9636.	6.6	240
8	Functional Carbon Quantum Dots as Medical Countermeasures to Human Coronavirus. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42964-42974.	4.0	231
9	Small organometallic compounds as antibacterial agents. <i>Dalton Transactions</i> , 2012, 41, 6350.	1.6	226
10	Systematizing structural motifs and nomenclature in 1,η ² -disubstituted ferrocene peptides. <i>Chemical Society Reviews</i> , 2006, 35, 348.	18.7	204
11	Iron-Based Metal-Organic Frameworks MIL-88B and NH ₂ -MIL-88B: High Quality Microwave Synthesis and Solvent-Induced Lattice "Breathing". <i>Crystal Growth and Design</i> , 2013, 13, 2286-2291.	1.4	199
12	New Principles in Medicinal Organometallic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1504-1507.	7.2	184
13	Organometallic-Peptide Bioconjugates: Synthetic Strategies and Medicinal Applications. <i>Chemical Reviews</i> , 2016, 116, 11797-11839.	23.0	169
14	Label-Free Imaging of Metal-Carbonyl Complexes in Live Cells by Raman Microspectroscopy. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3310-3312.	7.2	163
15	Intracellular Catalysis with Selected Metal Complexes and Metallic Nanoparticles: Advances toward the Development of Catalytic Metallodrugs. <i>Chemical Reviews</i> , 2019, 119, 829-869.	23.0	155
16	Labeling of Biomolecules for Medicinal Applications "Bioorganometallic Chemistry at Its Best. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1040-1043.	7.2	150
17	A Cobaltocenium-Peptide Bioconjugate Shows Enhanced Cellular Uptake and Directed Nuclear Delivery. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2429-2432.	7.2	143
18	Iron Metal-Organic Frameworks MIL-88B and NH ₂ -MIL-88B for the Loading and Delivery of the Gasotransmitter Carbon Monoxide. <i>Chemistry - A European Journal</i> , 2013, 19, 6785-6790.	1.7	134

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19	Helically Chiral Ferrocene Peptides Containing η^2 -Aminoferrocene-1-Carboxylic Acid Subunits as Turn Inducers. <i>Chemistry - A European Journal</i> , 2006, 12, 4965-4980.	1.7	127
20	Chemistry of SURMOFs: Layer-Selective Installation of Functional Groups and Post-synthetic Covalent Modification Probed by Fluorescence Microscopy. <i>Journal of the American Chemical Society</i> , 2011, 133, 1734-1737.	6.6	122
21	A structural view of synthetic cofactor integration into [FeFe]-hydrogenases. <i>Chemical Science</i> , 2016, 7, 959-968.	3.7	122
22	Peptide-Based SAMs that Resist the Adsorption of Proteins. <i>Journal of the American Chemical Society</i> , 2008, 130, 14952-14953.	6.6	120
23	Analysis of the Mechanism of Action of Potent Antibacterial Hetero-tri-organometallic Compounds: A Structurally New Class of Antibiotics. <i>ACS Chemical Biology</i> , 2013, 8, 1442-1450.	1.6	119
24	Solid-Phase Synthesis, Characterization, and Antibacterial Activities of Metallocene- α -Peptide Bioconjugates. <i>ChemMedChem</i> , 2006, 1, 1268-1274.	1.6	113
25	Synthesis, structural characterisation and anti-proliferative activity of NHC gold amino acid and peptide conjugates. <i>Dalton Transactions</i> , 2009, , 7063.	1.6	113
26	Nitridocyanometalates of CrV, MnV, and MnVI. <i>Inorganic Chemistry</i> , 1998, 37, 1767-1775.	1.9	110
27	Electronic structure of a stable silylene: photoelectron spectra and theoretical calculations of Si(NRCHCHNR), Si(NRCH ₂ CH ₂ NR) and SiH ₂ (NRCHCHNR). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2405.	1.1	106
28	Organometallic η^2 -turn mimetics. A structural and spectroscopic study of inter-strand hydrogen bonding in ferrocene and cobaltocenium conjugates of amino acids and dipeptides. <i>Dalton Transactions</i> , 2003, , 210.	1.6	100
29	Introduction: Metals in Medicine. <i>Chemical Reviews</i> , 2019, 119, 727-729.	23.0	100
30	TrxR inhibition and antiproliferative activities of structurally diverse gold N-heterocyclic carbene complexes. <i>MedChemComm</i> , 2013, 4, 942.	3.5	99
31	A Method for the Preparation of Highly Porous, Nanosized Crystals of Isorecticular Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2011, 11, 185-189.	1.4	97
32	Nitridomanganese(V) and -(VI) Complexes Containing Macrocyclic Amine Ligands. <i>Journal of the American Chemical Society</i> , 1998, 120, 7260-7270.	6.6	95
33	The first oligopeptide derivative of η^2 -aminoferrocene-1-carboxylic acid shows helical chirality with antiparallel strands. <i>Chemical Communications</i> , 2004, , 2004-2005.	2.2	94
34	A spontaneous gold(i)-azide alkyne cycloaddition reaction yields gold-peptide bioconjugates which overcome cisplatin resistance in a p53-mutant cancer cell line. <i>Chemical Science</i> , 2012, 3, 2062.	3.7	93
35	Expanding medicinal chemistry into 3D space: metallofragments as 3D scaffolds for fragment-based drug discovery. <i>Chemical Science</i> , 2020, 11, 1216-1225.	3.7	93
36	Highly Potent Antibacterial Organometallic Peptide Conjugates. <i>Accounts of Chemical Research</i> , 2017, 50, 2510-2518.	7.6	91

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37	Transition Metal Derivatives of Peptide Nucleic Acid (PNA) Oligomers Synthesis, Characterization, and DNA Binding. <i>Bioconjugate Chemistry</i> , 2000, 11, 741-743.	1.8	87
38	Synthesis, characterisation and bioimaging of a fluorescent rhenium-containing PNA bioconjugate. <i>Dalton Transactions</i> , 2012, 41, 2304-2313.	1.6	83
39	Antibacterial activities of ferrocenoyl- and cobaltocenium-peptide bioconjugates. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4564-4572.	0.8	82
40	Synthesis of a silylene-borane adduct and its slow conversion to a silylborane. <i>Chemical Communications</i> , 1996, , 2657-2658.	2.2	81
41	[N,N'-Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 711-725.	1.1	80
42	Synthesis and Biological Evaluation of Ferrocene-Containing Bioorganometallics Inspired by the Antibiotic Platensimycin Lead Structure. <i>Organometallics</i> , 2010, 29, 4312-4319.	1.1	78
43	Ruthenium Complexes Containing π -Noninnocent π -Benzoquinone Diimine/o-Phenylenediamide ($2\pi^2$) Ligands. Synthesis and Crystal Structure of the Nitrido-Bridged Complex $[\{LRu(o-C_6H_4(NH)_2)_2(\eta^4-N)\}(PF_6)_2 \cdot 3CH_3CN \cdot C_6H_5CH_3]$. <i>Inorganic Chemistry</i> , 1998, 37, 35-43.	1.9	76
44	Proteomic Response of <i>Bacillus subtilis</i> to Lantibiotics Reflects Differences in Interaction with the Cytoplasmic Membrane. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5749-5757.	1.4	76
45	π -Four-Potential π -Ferrocene Labeling of PNA Oligomers via Click Chemistry. <i>Bioconjugate Chemistry</i> , 2009, 20, 1578-1586.	1.8	75
46	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re ^I Bisquinoline Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 2496-2507.	1.7	74
47	Synthesis, structure and comparison of the DNA cleavage ability of metal complexes M(ii)L with the N-(2-ethoxyethanol)-bis(2-picoly)amine ligand L (M = Co, Ni, Cu and Zn). <i>Dalton Transactions</i> , 2004, , 1201-1207.	1.6	72
48	Synthesis of organometallic PNA oligomers by click chemistry. <i>Chemical Communications</i> , 2008, , 3675.	2.2	72
49	Iridium(I) Compounds as Prospective Anticancer Agents: Solution Chemistry, Antiproliferative Profiles and Protein Interactions for a Series of Iridium(I) π -Heterocyclic Carbene Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 12487-12494.	1.7	71
50	Cellular Uptake Quantification of Metalated Peptide and Peptide Nucleic Acid Bioconjugates by Atomic Absorption Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 955-959.	7.2	70
51	Tuning the Activity of a Short Arg-Trp Antimicrobial Peptide by Lipidation of a C- or N-Terminal Lysine Side-Chain. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 980-984.	1.3	69
52	Amino Acid and Peptide Bioconjugates of Copper(II) and Zinc(II) Complexes with a Modified N,N-Bis(2-picoly)amine Ligand. <i>Inorganic Chemistry</i> , 2005, 44, 5405-5415.	1.9	67
53	Medicinal Applications of Metal-Peptide Bioconjugates. <i>Chimia</i> , 2007, 61, 736.	0.3	67
54	Enhanced Cellular Uptake and Cytotoxicity Studies of Organometallic Bioconjugates of the NLS Peptide in Hep G2 Cells. <i>ChemBioChem</i> , 2009, 10, 493-502.	1.3	67

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55	Solid-phase synthesis of oxaliplatin- α -TATpeptide bioconjugates. Dalton Transactions, 2012, 41, 3001-3005.	1.6	65
56	Modulating the activity of short arginine-tryptophan containing antibacterial peptides with N-terminal metallocenoyl groups. Beilstein Journal of Organic Chemistry, 2012, 8, 1753-1764.	1.3	63
57	An organometallic structure-activity relationship study reveals the essential role of a $\text{Re}(\text{CO})_3$ moiety in the activity against gram-positive pathogens including MRSA. Chemical Science, 2015, 6, 214-224.	3.7	63
58	Unsymmetrical 1, α -disubstituted ferrocenoyl peptides: convenient one pot synthesis and solution structures by CD and NMR spectroscopy. New Journal of Chemistry, 2005, 29, 1168.	1.4	62
59	Metal-containing peptide nucleic acid conjugates. Dalton Transactions, 2011, 40, 7061.	1.6	62
60	Chiral Ferrocene Amines Derived from Amino Acids and Peptides: α Synthesis, Solution and X-ray Crystal Structures and Electrochemical Investigations. Inorganic Chemistry, 2000, 39, 5437-5443.	1.9	61
61	Conjugation of a novel histidine derivative to biomolecules and labelling with $^{99\text{m}}\text{Tc}(\text{OH})_2\text{CO}_3$ -Electronic supplementary information (ESI) available: complete ^1H and ^{13}C NMR spectra of 14, 15, 16 and 19. See http://www.rsc.org/suppdata/ob/b4/b405575f/ . Organic and Biomolecular Chemistry, 2004, 2, 2593.	1.5	61
62	Manual Solid-Phase Peptide Synthesis of Metallocene- α -Peptide Bioconjugates. Journal of Chemical Education, 2007, 84, 108.	1.1	60
63	A Novel Organometallic Re^{I} Complex with Favourable Properties for Bioimaging and Applicability in Solid-Phase Peptide Synthesis. ChemBioChem, 2011, 12, 371-376.	1.3	59
64	Identification of the Structural Determinants for Anticancer Activity of a Ruthenium Arene Peptide Conjugate. Chemistry - A European Journal, 2013, 19, 9297-9307.	1.7	58
65	FTIR spectroscopy of cysteine as a ready-to-use method for the investigation of plasma-induced chemical modifications of macromolecules. Journal Physics D: Applied Physics, 2016, 49, 084004.	1.3	58
66	Synthesis and Biological Evaluation of Chromium Bioorganometallics Based on the Antibiotic Platensimycin Lead Structure. ChemMedChem, 2009, 4, 1930-1938.	1.6	57
67	Synthesis and in vitro cytotoxicity of cis,cis,trans-diamminedichlorodisuccinatoplatinum(IV)- α -peptide bioconjugates. Metallomics, 2012, 4, 260.	1.0	57
68	Transition metal labels on peptide nucleic acid (PNA) monomers. Chemical Communications, 1999, , 885-886.	2.2	56
69	Synthesis, crystal structures, antimicrobial properties and enzyme inhibition studies of zinc(II) complexes of thiones. Inorganica Chimica Acta, 2011, 376, 207-211.	1.2	56
70	Proteomic Signature of Fatty Acid Biosynthesis Inhibition Available for In Vivo Mechanism-of-Action Studies. Antimicrobial Agents and Chemotherapy, 2011, 55, 2590-2596.	1.4	56
71	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. Organometallics, 2008, 27, 6326-6332.	1.1	55
72	Synthesis of fluorophenyl derivatives of iron, molybdenum and tungsten via $\text{B}(\text{C}_6\text{F}_5)_3$ and unusual carbon-fluorine bond reactions. Journal of the Chemical Society Dalton Transactions, 1997, , 2293-2304.	1.1	54

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73	Incorporation of the Unnatural Organometallic Amino Acid η^2 -Aminoferrocene-1-carboxylic Acid (Fca) into Oligopeptides by a Combination of Fmoc and Boc Solid-Phase Synthetic Methods. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4019-4021.	1.0	53
74	The Synthesis of Ruthenium and Rhodium Complexes with Functionalized η^5 -Heterocyclic Carbenes and Their Use in Solid Phase Peptide Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3359-3366.	1.0	53
75	Potent Inhibition of Thioredoxin Reductase by the Rh Derivatives of Anticancer $M(\text{arene}/\text{Cp}^*)(\text{NHC})\text{Cl}_2$ Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 3281-3289.	1.9	53
76	Labelling of [Leu5]-enkephalin with organometallic Mo complexes by solid-phase synthesis Electronic supplementary information (ESI) available: full analytical data for 2H^+ . See http://www.rsc.org/suppdata/cc/b2/b203128k/Abbreviations : HMBA = hydroxymethylbenzoic acid; 2-Cl-Trt = 2-chlorotrityl; TFA = trifluoroacetic acid; TIS = triisopropylsilane; TBTU = O-(1H-benzotriazol-1-yl)-N,N,N',N'-tetramethyluronium tetrafluoroborate; Enk = leucine-enkephalin, [Leu5]-enkephalin; HOBt = hydroxybenzotriazole. <i>Chemical Communications</i> , 2002, , 1406-1407.	2.2	52
77	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6848-6852.	7.2	51
78	Synthesis and cytotoxicity of a cobaltcarbonyl-alkyne enkephalin bioconjugate. <i>Chemical Communications</i> , 2008, , 232-234.	2.2	50
79	Identification of Chaoborus kairomone chemicals that induce defences in Daphnia. <i>Nature Chemical Biology</i> , 2018, 14, 1133-1139.	3.9	50
80	Synthesis of organometallic amines and their coupling to the C-terminus of amino acids and peptides. <i>Journal of Organometallic Chemistry</i> , 1999, 589, 75-84.	0.8	49
81	Synthesis and Electrochemical Characterization of Metallocene-PNA Oligomers. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3207-3210.	1.0	49
82	The $\text{Mo}(\eta^5\text{-allyl})(\text{CO})_2$ Moiety as a Robust Marker Group in Bioorganometallic Chemistry. Unusual Crystal Structure of the Phenylalanine Derivative $\text{Mo}(\text{C}_5\text{H}_4\text{-CO-Phe-OMe})(\eta^5\text{-allyl})(\text{CO})_2$. <i>Organometallics</i> , 2000, 19, 3730-3735.	1.1	47
83	Use of confocal fluorescence microscopy to compare different methods of modifying metal-organic framework (MOF) crystals with dyes. <i>CrystEngComm</i> , 2011, 13, 2828.	1.3	47
84	A Ferrocene-Peptide Conjugate as a Hydrogenase Model System. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4530-4537.	1.0	46
85	A Remarkably Simple Class of Imidazolium-Based Lipids and Their Biological Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 15123-15126.	1.7	46
86	Use of the Sonogashira Coupling Reaction for the Two-Step Labeling of Phenylalanine Peptide Side Chains with Organometallic Compounds. <i>Bioconjugate Chemistry</i> , 2006, 17, 204-213.	1.8	44
87	Highly active antibacterial ferrocenoylated or ruthenocenoylated Arg-Trp peptides can be discovered by an-to-dsubstitution scan. <i>Chemical Science</i> , 2014, 5, 4453-4459.	3.7	44
88	Thermal melting studies of alkyne- and ferrocene-containing PNA bioconjugates. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4992.	1.5	43
89	Preparation, ^{99m}Tc -labeling and biodistribution studies of a PNA oligomer containing a new ligand derivative of 2,2'-dipicolylamine. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1133-1140.	1.5	43
90	Sandwich and Half-Sandwich Derivatives of Platensimycin: Synthesis and Biological Evaluation. <i>Organometallics</i> , 2012, 31, 5760-5771.	1.1	43

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91	The Chemoselective Reactions of Tyrosine-Containing G-Protein-Coupled Receptor Peptides with [Cp*Rh(H₂O)₃](OTf)₂, Including 2D NMR Structures and the Biological Consequences. <i>Journal of the American Chemical Society</i> , 2012, 134, 10321-10324.	6.6	42
92	Postformation Modification of SAMs: Using Click Chemistry to Functionalize Organic Surfaces. <i>Langmuir</i> , 2009, 25, 11480-11485.	1.6	41
93	A Single-Electrode, Dual-Potential Ferrocene-PNA Biosensor for the Detection of DNA. <i>ChemBioChem</i> , 2010, 11, 1754-1761.	1.3	41
94	Synthesis, characterization and antimicrobial studies of mixed ligand silver(I) complexes of triphenylphosphine and heterocyclic thiones: Crystal structure of bis[{{(1/4)-diazinane-2-thione}(diazinane-2-thione)(triphenylphosphine)silver(I) nitrate}]. <i>Polyhedron</i> , 2011, 30, 1502-1506.	1.0	41
95	Ferrocenyl peptides with sulfur-containing side chains: synthesis, solid state and solution structures. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4856-4867.	0.8	40
96	Preparation and Biological Evaluation of Di-Hetero-Organometallic-Containing PNA Bioconjugates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5471-5478.	1.0	40
97	Short Antibacterial Peptides with Significantly Reduced Hemolytic Activity can be Identified by a Systematic l-to-d Exchange Scan of their Amino Acid Residues. <i>ACS Combinatorial Science</i> , 2013, 15, 585-592.	3.8	40
98	Cytotoxic activity and protein binding through an unusual oxidative mechanism by an iridium(i)-NHC complex. <i>Chemical Communications</i> , 2015, 51, 3151-3153.	2.2	39
99	Zirconocene-mediated cyclization of alkynyl-diboryl-methanes to 1,3-diborolanes. <i>Organometallics</i> , 1993, 12, 2423-2425.	1.1	38
100	Ab initio study of Arduengo-type group 13 carbene analogues. <i>New Journal of Chemistry</i> , 1998, 22, 793-795.	1.4	38
101	A Ruthenocene-PNA Bioconjugate - Synthesis, Characterization, Cytotoxicity, and AAS-Detected Cellular Uptake. <i>Bioconjugate Chemistry</i> , 2012, 23, 1764-1774.	1.8	38
102	Influence of lipidation on the mode of action of a small RW-rich antimicrobial peptide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1004-1011.	1.4	38
103	A Two-Step Palladium-Catalyzed Coupling Scheme for the Synthesis of Ferrocene-Labeled Amino Acids. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 323-330.	1.0	37
104	Platinum(II) Complexes with O,S Bidentate Ligands: Biophysical Characterization, Antiproliferative Activity, and Crystallographic Evidence of Protein Binding. <i>Inorganic Chemistry</i> , 2015, 54, 8560-8570.	1.9	37
105	Biomedical Applications of Organometallic-Peptide Conjugates. <i>Topics in Organometallic Chemistry</i> , 2010, , 195-217.	0.7	37
106	Synthesis of Alkynyl Amino Acids and Peptides and Their Palladium-Catalyzed Coupling to Ferrocene. <i>Inorganic Chemistry</i> , 1999, 38, 5308-5313.	1.9	36
107	<i>In vivo</i> demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. <i>Chemical Science</i> , 2015, 6, 5601-5616.	3.7	36
108	Asymmetric rhenium tricarbonyl complexes show superior luminescence properties in live cell imaging. <i>Chemical Communications</i> , 2017, 53, 905-908.	2.2	36

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109	1, η^2 -Disubstituted ferrocenoyl amino acids and dipeptides: Conformational analysis by CD spectroscopy, X-ray crystallography, and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3451-3457.	0.8	35
110	Preparation of magnetite aqueous dispersion for magnetic fluid hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 1216-1222.	1.0	35
111	Synthesis, Characterization, and Cytotoxic Activity of Au/N,S-Heterocyclic Carbenes Derived from Peptides Containing L-Thiazolylalanine. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2512-2519.	1.0	35
112	The use of 3,3-bis(2-imidazolyl) propionic acid (bip-OH) as a new chelating ligand for Re(CO) ₃ and Ru complexes: Formation of organometallic PNA oligomers with (bip)Re(CO) ₃ and their interaction with complementary DNA. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4745-4750.	0.8	34
113	Modification with Organometallic Compounds Improves Crossing of the Blood-Brain Barrier of [Leu ⁵] α -Enkephalin Derivatives in an In Vitro Model System. <i>ChemBioChem</i> , 2009, 10, 1852-1860.	1.3	34
114	Sequential insertion of three different organometallics into a versatile building block containing a PNA backbone. <i>Dalton Transactions</i> , 2010, 39, 5617.	1.6	34
115	Elucidation of Plasma-induced Chemical Modifications on Glutathione and Glutathione Disulphide. <i>Scientific Reports</i> , 2017, 7, 13828.	1.6	34
116	New organometallic imines of rhenium(V) as potential ligands of GSK-3 β : synthesis, characterization and biological studies. <i>Dalton Transactions</i> , 2018, 47, 1233-1242.	1.6	34
117	Formation of [Cp ₂ Zr(Ci \rightarrow Ci-SiMe ₃) ₂] from the reaction of zirconocene with trimethylsilylacetylene. <i>Journal of Organometallic Chemistry</i> , 1993, 454, C5-C7.	0.8	33
118	Heteroansa-Bridged Main Group Metallocenes: a Structural and NMR Study. <i>Chemische Berichte</i> , 1994, 127, 1901-1908.	0.2	32
119	Benzannulated Re(V)-NHC complexes: synthesis, photophysical properties and antimicrobial activity. <i>Dalton Transactions</i> , 2017, 46, 15269-15279.	1.6	32
120	Spectroscopic Properties, Electrochemistry, and Reactivity of Mo ⁰ , Mo ^I , and Mo ^{II} Complexes with the [Mo(bpa)(CO) ₃] Unit [bpa = bis(2-picoyl)amine] and Their Application for the Labelling of Peptides. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1518-1529.	1.0	31
121	Labeling of the Neuropeptide Enkephalin with Functionalized Tris(pyrazolyl)borate Complexes: Solid-Phase Synthesis and Characterization of $[\text{Enk-OH}] \text{COC}_6\text{H}_4\text{TpPtMe}_3$ and $[\text{Enk-OH}] \text{COC}_6\text{H}_4\text{Tp}^{\text{Me}} \text{Re}(\text{CO})_3$. <i>Inorganic Chemistry</i> , 2007, 46, 2400-2404.	1.9	31
122	New Ways of Killing the Beast: Prospects for Inorganic-Organic Hybrid Nanomaterials as Antibacterial Agents. <i>ChemBioChem</i> , 2009, 10, 2847-2850.	1.3	31
123	Fluxional Processes in Diamagnetic and Paramagnetic Allyl Dicarbonyl and 2-Methylallyl Dicarbonyl Molybdenum Histidinato Complexes as Revealed by Spectroscopic Data and Density Functional Calculations. <i>Chemistry - A European Journal</i> , 2002, 8, 1649-1662.	1.7	30
124	Force-Field Development and Molecular Dynamics Simulations of Ferrocene-Peptide Conjugates as a Scaffold for Hydrogenase Mimics. <i>Chemistry - A European Journal</i> , 2007, 13, 8139-8152.	1.7	30
125	Organometallic peptide NHC complexes of Cp ⁻ -Rh(III) and arene Ru(II) moieties from l-thiazolylalanine. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1018-1022.	0.8	30
126	Biologically Active Trifluoromethyl-Substituted Metallocene Triazoles: Characterization, Electrochemistry, Lipophilicity, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5953-5959.	1.0	30

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127	NMR Verification of Helical Conformations of Phycocyanobilin in Organic Solvents. <i>Helvetica Chimica Acta</i> , 1998, 81, 881-888.	1.0	29
128	Synthesis and characterisation of a ruthenocenoyl bioconjugate with the cyclic octapeptide octreotate. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1185-1188.	0.8	28
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