

Nils Metzler-Nolte

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252
papers

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57
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105
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269
ext. papers

13,992
ext. citations

6
avg, IF

6.77
L-index

#	Paper	IF	Citations
252	Organometallic anticancer compounds. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 3-25	8.3	1253
251	Bioorganometallic chemistry of ferrocene. <i>Chemical Reviews</i> , 2004 , 104, 5931-85	68.1	1116
250	Synthesis and Structure of a Stable Silylene. <i>Journal of the American Chemical Society</i> , 1994 , 116, 2691-2694	10.4	596
249	Challenges and Opportunities in the Development of Organometallic Anticancer Drugs. <i>Organometallics</i> , 2012 , 31, 5677-5685	3.8	454
248	The potential of organometallic complexes in medicinal chemistry. <i>Current Opinion in Chemical Biology</i> , 2012 , 16, 84-91	9.7	346
247	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	11.5	219
246	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, 9627-36	16.4	195
245	Small organometallic compounds as antibacterial agents. <i>Dalton Transactions</i> , 2012 , 41, 6350-8	4.3	193
244	Systematizing structural motifs and nomenclature in 1,n'-disubstituted ferrocene peptides. <i>Chemical Society Reviews</i> , 2006 , 35, 348-54	58.5	186
243	New principles in medicinal organometallic chemistry. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1504-7	16.4	175
242	Functional Carbon Quantum Dots as Medical Countermeasures to Human Coronavirus. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 42964-42974	9.5	151
241	Label-free imaging of metal-carbonyl complexes in live cells by Raman microspectroscopy. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3310-2	16.4	148
240	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	3.5	145
239	Labeling of Biomolecules for Medicinal Applications-Bioorganometallic Chemistry at Its Best The author thanks A. P. Schubiger and D. Grotjahn for reprints, and K. Severin for insightful discussions. The data in Figure 1 are used with the help and kind permission of M. Salmain and G. Jaouen. I am also grateful to Drs. H. & H. Weiss for their hospitality when writing this article.. <i>Angewandte Organometallic-Peptide Bioconjugates: Synthetic Strategies and Medicinal Applications. Chemical Reviews</i> , 2016 , 116, 11797-11839	16.4	137
238	Organometallic-Peptide Bioconjugates: Synthetic Strategies and Medicinal Applications. <i>Chemical Reviews</i> , 2016 , 116, 11797-11839	68.1	136
237	A cobaltocenium-peptide bioconjugate shows enhanced cellular uptake and directed nuclear delivery. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2429-32	16.4	134
236	Helically chiral ferrocene peptides containing 1'-aminoferrocene-1-carboxylic acid subunits as turn inducers. <i>Chemistry - A European Journal</i> , 2006 , 12, 4965-80	4.8	120

235	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, 1734-7	16.4	115
234	Peptide-based SAMs that resist the adsorption of proteins. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14952-3	16.4	108
233	Synthesis, structural characterisation and anti-proliferative activity of NHC gold amino acid and peptide conjugates. <i>Dalton Transactions</i> , 2009 , 7063-70	4.3	107
232	Iron metal-organic frameworks MIL-88B and NH ₂ -MIL-88B for the loading and delivery of the gas transmitter carbon monoxide. <i>Chemistry - A European Journal</i> , 2013 , 19, 6785-90	4.8	106
231	Solid-phase synthesis, characterization, and antibacterial activities of metallocene-peptide bioconjugates. <i>ChemMedChem</i> , 2006 , 1, 1268-74	3.7	106
230	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, 1442-50	4.9	99
229	Organometallic 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	4.3	96
228	Intracellular Catalysis with Selected Metal Complexes and Metallic Nanoparticles: Advances toward the Development of Catalytic Metallodrugs. <i>Chemical Reviews</i> , 2019 , 119, 829-869	68.1	96
227	A structural view of synthetic cofactor integration into [FeFe]-hydrogenases. <i>Chemical Science</i> , 2016 , 7, 959-968	9.4	94
226	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		93
225	The first oligopeptide derivative of 1'-aminoferrocene-1-carboxylic acid shows helical chirality with antiparallel strands. <i>Chemical Communications</i> , 2004 , 2004-5	5.8	91
224	Nitridocyanometalates of CrV, MnV, and MnVI. <i>Inorganic Chemistry</i> , 1998 , 37, 1767-1775	5.1	90
223	TrxR inhibition and antiproliferative activities of structurally diverse gold N-heterocyclic carbene complexes. <i>MedChemComm</i> , 2013 , 4, 942	5	88
222	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	3.5	84
221	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	9.4	82
220	Nitridomanganese(V) and -(VI) Complexes Containing Macrocyclic Amine Ligands. <i>Journal of the American Chemical Society</i> , 1998 , 120, 7260-7270	16.4	81
219	Antibacterial activities of ferrocenoyl- and cobaltocenium-peptide bioconjugates. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 4564-4572	2.3	80
218	Transition metal derivatives of peptide nucleic acid (PNA) oligomers-synthesis, characterization, and DNA binding. <i>Bioconjugate Chemistry</i> , 2000 , 11, 741-3	6.3	79

217	Synthesis, characterisation and bioimaging of a fluorescent rhenium-containing PNA bioconjugate. <i>Dalton Transactions</i> , 2012 , 41, 2304-13	4.3	75
216	"Four-potential" ferrocene labeling of PNA oligomers via click chemistry. <i>Bioconjugate Chemistry</i> , 2009 , 20, 1578-86	6.3	73
215	Synthesis and Biological Evaluation of Ferrocene-Containing Bioorganometallics Inspired by the Antibiotic Platensimycin Lead Structure. <i>Organometallics</i> , 2010 , 29, 4312-4319	3.8	70
214	Synthesis of organometallic PNA oligomers by click chemistry. <i>Chemical Communications</i> , 2008 , 3675-7	5.8	69
213	Ruthenium Complexes Containing "Noninnocent" o-Benzoquinone Diimine/o-Phenylenediamide(2-) Ligands. Synthesis and Crystal Structure of the Nitrido-Bridged Complex $[\{LRu(o-C(6)H(4)(NH(2)))_2\}_2(\mu-N)](PF_6)_2 \cdot 3CH_3CN \cdot C(6)H(5)CH_3$. <i>Inorganic Chemistry</i> , 1998 , 37, 35-43	5.1	69
212	A deadly organometallic luminescent probe: anticancer activity of a Rel bisquinoline complex. <i>Chemistry - A European Journal</i> , 2014 , 20, 2496-507	4.8	67
211	Iridium(I) Compounds as Prospective Anticancer Agents: Solution Chemistry, Antiproliferative Profiles and Protein Interactions for a Series of Iridium(I) N-Heterocyclic Carbene Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 12487-94	4.8	66
210	Synthesis of a silyleneborane adduct and its slow conversion to a silylborane. <i>Chemical Communications</i> , 1996 , 2657-2658	5.8	66
209	Medicinal Applications of MetalPeptide Bioconjugates. <i>Chimia</i> , 2007 , 61, 736-741	1.3	65
208	Highly Potent Antibacterial Organometallic Peptide Conjugates. <i>Accounts of Chemical Research</i> , 2017 , 50, 2510-2518	24.3	64
207	Enhanced cellular uptake and cytotoxicity studies of organometallic bioconjugates of the NLS peptide in Hep G2 cells. <i>ChemBioChem</i> , 2009 , 10, 493-502	3.8	64
206	[N,N'-Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 711-25	3.7	64
205	Amino acid and peptide bioconjugates of copper(II) and zinc(II) complexes with a modified N,N-bis(2-picolyl)amine ligand. <i>Inorganic Chemistry</i> , 2005 , 44, 5405-15	5.1	64
204	Synthesis, structure and comparison of the DNA cleavage ability of metal complexes M(II)L with the N-(2-ethoxyethanol)-bis(2-picolyl)amine ligand L (M = Co, Ni, Cu and Zn). <i>Dalton Transactions</i> , 2004 , 1201473	4.7	62
203	Cellular uptake quantification of metalated peptide and peptide nucleic acid bioconjugates by atomic absorption spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 955-9	16.4	61
202	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, 5749-57	5.9	58
201	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, 980-4	4.3	58
200	Unsymmetrical 1,n?-disubstituted ferrocenoyl peptides: convenient one pot synthesis and solution structures by CD and NMR spectroscopy. <i>New Journal of Chemistry</i> , 2005 , 29, 1168	3.6	58

199	Conjugation of a novel histidine derivative to biomolecules and labelling with $[^{99m}\text{Tc}(\text{OH}_2)_3(\text{CO})_3]^+$. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 2593-603	3.9	58
198	Chiral ferrocene amines derived from amino acids and peptides: synthesis, solution and X-ray crystal structures and electrochemical investigations. <i>Inorganic Chemistry</i> , 2000 , 39, 5437-43	5.1	58
197	Solid-phase synthesis of oxaliplatin-TAT peptide bioconjugates. <i>Dalton Transactions</i> , 2012 , 41, 3001-5	4.3	57
196	Metal-containing peptide nucleic acid conjugates. <i>Dalton Transactions</i> , 2011 , 40, 7061-76	4.3	57
195	A novel organometallic ReI complex with favourable properties for bioimaging and applicability in solid-phase peptide synthesis. <i>ChemBioChem</i> , 2011 , 12, 371-6	3.8	57
194	Manual SolidPhase Peptide Synthesis of MetallocenePeptide Bioconjugates. <i>Journal of Chemical Education</i> , 2007 , 84, 108	2.4	57
193	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. <i>Organometallics</i> , 2008 , 27, 6326-6332	3.8	55
192	Synthesis and in vitro cytotoxicity of cis,cis,trans-diamminedichloridodisuccinatoplatinum(IV)-peptide bioconjugates. <i>Metallomics</i> , 2012 , 4, 260-6	4.5	53
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190	Synthesis and biological evaluation of chromium bioorganometallics based on the antibiotic platensimycin lead structure. <i>ChemMedChem</i> , 2009 , 4, 1930-8	3.7	52
189	Incorporation of the Unnatural Organometallic Amino Acid 1?-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	2.3	52
188	Transition metal labels on peptide nucleic acid (PNA) monomers. <i>Chemical Communications</i> , 1999 , 885-886	3.6	52
187	The Synthesis of Ruthenium and Rhodium Complexes with Functionalized N-Heterocyclic Carbenes and Their Use in Solid Phase Peptide Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3359-3366	2.3	51
186	Expanding medicinal chemistry into 3D space: metallofragments as 3D scaffolds for fragment-based drug discovery. <i>Chemical Science</i> , 2019 , 11, 1216-1225	9.4	51
185	Synthesis of fluorophenyl derivatives of iron, molybdenum and tungstenvia $\text{B}(\text{C}_6\text{F}_5)_3$ and unusual carbon-fluorine bond reactions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 2293-2304		50
184	Synthesis, crystal structures, antimicrobial properties and enzyme inhibition studies of zinc(II) complexes of thiones. <i>Inorganica Chimica Acta</i> , 2011 , 376, 207-211	2.7	49
183	Synthesis and Electrochemical Characterization of MetallocenePNA Oligomers. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3207-3210	2.3	49
182	Identification of the structural determinants for anticancer activity of a ruthenium arene peptide conjugate. <i>Chemistry - A European Journal</i> , 2013 , 19, 9297-307	4.8	48

181	Labelling of [Leu5]-enkephalin with organometallic Mo complexes by solid-phase synthesis. <i>Chemical Communications</i> , 2002 , 1406-7	5.8	48
180	An organometallic structure-activity relationship study reveals the essential role of a Re(CO) moiety in the activity against gram-positive pathogens including MRSA. <i>Chemical Science</i> , 2015 , 6, 214-224	2.4	47
179	Proteomic signature of fatty acid biosynthesis inhibition available for in vivo mechanism-of-action studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2590-6	5.9	47
178	Synthesis and cytotoxicity of a cobaltcarbonyl-alkyne enkephalin bioconjugate. <i>Chemical Communications</i> , 2008 , 232-4	5.8	47
177	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	2.3	46
176	The Bioorganometallic Chemistry of Ferrocene	499-639	45
175	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6848-52	16.4	45
174	The Mo(η^5 -Cp)(CO) ₂ Moiety as a Robust Marker Group in Bioorganometallic Chemistry. Unusual Crystal Structure of the Phenylalanine Derivative Mo(C ₅ H ₄ -CO-Phe-OMe)(η^5 -Cp)(CO) ₂ . <i>Organometallics</i> , 2000 , 19, 3730-3735	3.8	44
173	A FerrocenePeptide Conjugate as a Hydrogenase Model System. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4530-4537	2.3	43
172	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, 204-13	6.3	42
171	Use of confocal fluorescence microscopy to compare different methods of modifying metalorganic framework (MOF) crystals with dyes. <i>CrystEngComm</i> , 2011 , 13, 2828	3.3	41
170	Thermal melting studies of alkyne- and ferrocene-containing PNA bioconjugates. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4992-5000	3.9	41
169	FTIR spectroscopy of cysteine as a ready-to-use method for the investigation of plasma-induced chemical modifications of macromolecules. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 084004	3	40
168	Sandwich and Half-Sandwich Derivatives of Platensimycin: Synthesis and Biological Evaluation. <i>Organometallics</i> , 2012 , 31, 5760-5771	3.8	40
167	Postformation Modification of SAMs: using click chemistry to functionalize organic surfaces. <i>Langmuir</i> , 2009 , 25, 11480-5	4	40
166	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, 1133-40	4.2	40
165	Ferrocenoyl peptides with sulfur-containing side chains: synthesis, solid state and solution structures. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 4856-4867	2.3	40
164	Cytotoxic activity and protein binding through an unusual oxidative mechanism by an iridium(I)-NHC complex. <i>Chemical Communications</i> , 2015 , 51, 3151-3	5.8	39

- 163 Highly active antibacterial ferrocenoylated or ruthenocenoylated Arg-Trp peptides can be discovered by an L-to-D substitution scan. *Chemical Science*, **2014**, 5, 4453-4459 9.4 38
- 162 Preparation and Biological Evaluation of Di-Hetero-Organometallic-Containing PNA Bioconjugates. *European Journal of Inorganic Chemistry*, **2011**, 2011, 5471-5478 2.3 38
- 161 A Remarkably Simple Class of Imidazolium-Based Lipids and Their Biological Properties. *Chemistry - A European Journal*, **2015**, 21, 15123-6 4.8 37
- 160 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. *Journal of the American Chemical Society*, **2012**, 134, 10321-4 16.4 37
- 159 A single-electrode, dual-potential ferrocene-PNA biosensor for the detection of DNA. *ChemBioChem*, **2010**, 11, 1754-61 3.8 36
- 158 A Two-Step Palladium-Catalyzed Coupling Scheme for the Synthesis of Ferrocene-Labeled Amino Acids. *European Journal of Inorganic Chemistry*, **2000**, 2000, 323-330 2.3 36
- 157 Synthesis of Alkynyl Amino Acids and Peptides and Their Palladium-Catalyzed Coupling to Ferrocene. *Inorganic Chemistry*, **1999**, 38, 5308-5313 5.1 36
- 156 A ruthenocene-PNA bioconjugate--synthesis, characterization, cytotoxicity, and AAS-detected cellular uptake. *Bioconjugate Chemistry*, **2012**, 23, 1764-74 6.3 35
- 155 Synthesis, characterization and antimicrobial studies of mixed ligand silver(I) complexes of triphenylphosphine and heterocyclic thiones: Crystal structure of bis[[(2-diazinane-2-thione)(diazinane-2-thione)(triphenylphosphine)silver(I) nitrate]]. *Polyhedron*, **2011**, 30, 1502-1506 2.7 35
- 154 Markierung von Biomolekülen für medizinische Anwendungen (Starnstunden der Bio-Organometallchemie. *Angewandte Chemie*, **2001**, 113, 1072-1076 3.6 35
- 153 Ab initio study of Arduengo-type group 13 carbene analogues. *New Journal of Chemistry*, **1998**, 22, 793-795 3.9 35
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- 151 Short antibacterial peptides with significantly reduced hemolytic activity can be identified by a systematic L-to-D exchange scan of their amino acid residues. *ACS Combinatorial Science*, **2013**, 15, 585-592 3.9 34
- 150 1,n?-Disubstituted ferrocenoyl amino acids and dipeptides: Conformational analysis by CD spectroscopy, X-ray crystallography, and DFT calculations. *Journal of Organometallic Chemistry*, **2006**, 691, 3451-3457 2.3 34
- 149 Preparation of magnetite aqueous dispersion for magnetic fluid hyperthermia. *Journal of Magnetism and Magnetic Materials*, **2011**, 323, 1216-1222 2.8 33
- 148 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. *Journal of Organometallic Chemistry*, **2004**, 689, 4745-4750 2.3 33
- 147 Zirconocene-mediated cyclization of alkynyl-diborylmethanes to 1,3-diborolanes. *Organometallics*, **1993**, 12, 2423-2425 3.8 33
- 146 Biomedical Applications of Organometal Peptide Conjugates. *Topics in Organometallic Chemistry*, **2010**, 195-217 0.6 33

145	Identification of Chaoborus kairomone chemicals that induce defences in Daphnia. <i>Nature Chemical Biology</i> , 2018 , 14, 1133-1139	11.7	33
144	Platinum(II) Complexes with O,S Bidentate Ligands: Biophysical Characterization, Antiproliferative Activity, and Crystallographic Evidence of Protein Binding. <i>Inorganic Chemistry</i> , 2015 , 54, 8560-70	5.1	31
143	Sequential insertion of three different organometallics into a versatile building block containing a PNA backbone. <i>Dalton Transactions</i> , 2010 , 39, 5617-9	4.3	31
142	Formation of [cp2Zr(C≡C?SiMe3)]2 from the reaction of zirconocene with trimethylsilylacetylene. <i>Journal of Organometallic Chemistry</i> , 1993 , 454, C5-C7	2.3	31
141	Asymmetric rhenium tricarbonyl complexes show superior luminescence properties in live cell imaging. <i>Chemical Communications</i> , 2017 , 53, 905-908	5.8	30
140	demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. <i>Chemical Science</i> , 2015 , 6, 5601-5616	9.4	30
139	New organometallic imines of rhenium(i) as potential ligands of GSK-3β synthesis, characterization and biological studies. <i>Dalton Transactions</i> , 2018 , 47, 1233-1242	4.3	30
138	Neue Wirkmechanismen in der medizinischen Organometallchemie. <i>Angewandte Chemie</i> , 2006 , 118, 1534-1537	3.6	30
137	Labeling of the neuropeptide enkephalin with functionalized tris(pyrazolyl)borate complexes: solid-phase synthesis and characterization of p-[Enk-OH]COC6H4TpPtMe3 and p-[Enk-OH]COC6H4TpMeRe(CO)3. <i>Inorganic Chemistry</i> , 2007 , 46, 9400-4	5.1	30
136	Spectroscopic Properties, Electrochemistry, and Reactivity of Mo0, MoI, and MoII 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	2.3	30
135	Hetero-ansa-Bridged Main Group Metallocenes I Structural and NMR Study. <i>Chemische Berichte</i> , 1994 , 127, 1901-1908		30
134	Modification with organometallic compounds improves crossing of the blood-brain barrier of [Leu5]-enkephalin derivatives in an in vitro model system. <i>ChemBioChem</i> , 2009 , 10, 1852-60	3.8	29
133	Potent Inhibition of Thioredoxin Reductase by the Rh Derivatives of Anticancer M(arene/Cp*)(NHC)Cl Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 3281-3289	5.1	28
132	New ways of killing the beast: prospects for inorganic-organic hybrid nanomaterials as antibacterial agents. <i>ChemBioChem</i> , 2009 , 10, 2847-50	3.8	28
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130	NMR Verification of Helical Conformations of Phycocyanobilin in Organic Solvents. <i>Helvetica Chimica Acta</i> , 1998 , 81, 881-888	2	28
129	Influence of lipidation on the mode of action of a small RW-rich antimicrobial peptide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1004-11	3.8	27
128	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, 8139-52	4.8	27

127	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, 1649-62	4.8	27
126	Elucidation of Plasma-induced Chemical Modifications on Glutathione and Glutathione Disulphide. <i>Scientific Reports</i> , 2017 , 7, 13828	4.9	26
125	Benzannulated Re(i)-NHC complexes: synthesis, photophysical properties and antimicrobial activity. <i>Dalton Transactions</i> , 2017 , 46, 15269-15279	4.3	25
124	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	2.3	25
123	Reversible site-specific tagging of enzymatically synthesized RNAs using aldehyde-hydrazine chemistry and protease-cleavable linkers. <i>Nucleic Acids Research</i> , 2007 , 35, e25	20.1	25
122	Biologically Active Trifluoromethyl-Substituted Metallocene Triazoles: Characterization, Electrochemistry, Lipophilicity, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5953-5959	2.3	24
121	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie</i> , 2016 , 128, 6962-6966	3.6	24
120	Synthesis and cytotoxicity of a bimetallic ruthenocene dicobalt-hexacarbonyl alkyne peptide bioconjugate. <i>Dalton Transactions</i> , 2011 , 40, 1382-6	4.3	23
119	A systematic evaluation of different hydrogen bonding patterns in unsymmetrical 1,n?-disubstituted ferrocenyl peptides. <i>Inorganica Chimica Acta</i> , 2009 , 362, 894-906	2.7	23
118	Ruthenium-based bioconjugates: Synthesis and X-ray structure of the mixed ligand sandwich compound RuCpiPr(p-(CO ₂ H)C ₆ H ₄ Tp) and labelling of amino acids and the neuropeptide enkephalin. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 862-867	2.3	23
117	Synthesis and characterization of dicobalthexacarbonyl-alkyne derivatives of amino acids, peptides, and peptide nucleic acid (PNA) monomers. <i>Inorganic Chemistry</i> , 2009 , 48, 3157-66	5.1	23
116	Markierungsfreie Visualisierung von löslichen Metallcarbonylkomplexen in lebenden Zellen mithilfe von Raman-Mikrospektroskopie. <i>Angewandte Chemie</i> , 2010 , 122, 3382-3384	3.6	23
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