

# Heinz Bernhard Kraatz

## List of Publications by Year in descending order

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348  
papers

12,571  
citations

25014

57  
h-index

45285

90  
g-index

376  
all docs

376  
docs citations

376  
times ranked

12926  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct anodizationâ€“reduction nanomodification of gold films: investigating electrocatalysis of the emerging contaminant halobenzoquinone. <i>Journal of Materials Science</i> , 2022, 57, 1230-1245.	1.7	4
2	Electroreduction of carbon dioxide to formate using highly efficient bimetallic Snâ€“Pd aerogels. <i>Materials Advances</i> , 2022, 3, 1224-1230.	2.6	11
3	Enzyme-free glucose sensors with efficient synergistic electro-catalysis based on a ferrocene derivative and two metal nanoparticles. <i>RSC Advances</i> , 2022, 12, 5072-5079.	1.7	12
4	One step construction of an electrochemical sensor for melamine detection in milk towards an integrated portable system. <i>Food Chemistry</i> , 2022, 383, 132403.	4.2	24
5	Oxalamide-Bridged Ferrocenes: Conformational and Gelation Properties and <i>in Vitro</i> Antitumor Activity. <i>Organometallics</i> , 2022, 41, 920-936.	1.1	7
6	Ferroceneâ€“Functionalized Multiwalled Carbon Nanotubes for the Simultaneous Determination of Dopamine, Uric Acid, and Xanthine. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	2
7	Synergistic Electrochemical Amplification of Ferrocene Carboxylic Acid Nanoflowers and Cu Nanoparticles for Folic Acid Sensing. <i>Journal of the Electrochemical Society</i> , 2022, 169, 077510.	1.3	6
8	Synthesis and electrochemical study of coinage metal nanodendrites for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2007-2017.	3.8	6
9	Enhanced electrocatalytic activity of iron amino porphyrins using a flow cell for reduction of CO <sub>2</sub> to CO. <i>Journal of Energy Chemistry</i> , 2021, 58, 162-169.	7.1	44
10	Electroreduction of CO <sub>2</sub> Catalyzed by Nickel Imidazolin-2-ylidenamino-Porphyrins in Both Heterogeneous and Homogeneous Molecular Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 521-530.	3.2	24
11	Consecutive Silver(I) Ion Incorporation into Oligonucleotides containing Cytosineâ€“Cytosine Mispairs. <i>ChemPlusChem</i> , 2021, 86, 208-208.	1.3	0
12	Consecutive Silver(I) Ion Incorporation into Oligonucleotides containing Cytosineâ€“Cytosine Mispairs. <i>ChemPlusChem</i> , 2021, 86, 224-231.	1.3	10
13	Electrochemical Reduction of CO <sub>2</sub> at Coinage Metal Nanodendrites in Aqueous Ethanolamine. <i>Chemistry - A European Journal</i> , 2021, 27, 1346-1355.	1.7	11
14	Capture and electroreduction of CO <sub>2</sub> using highly efficient bimetallic Pdâ€“Ag aerogels paired with carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12870-12877.	5.2	22
15	Electrografting amines onto silver nanoparticle-modified electrodes for electroreduction of CO <sub>2</sub> at low overpotential. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9791-9797.	5.2	17
16	Nanoporous Gold for the Miniaturization of In Vivo Electrochemical Aptamer-Based Sensors. <i>ACS Sensors</i> , 2021, 6, 2299-2306.	4.0	48
17	Electrochemical detection of 25-hydroxyvitamin D3 using an oligonucleotide aptasensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129945.	4.0	13
18	Metal-dependent electrochemical discrimination of DNA quadruplex sequences. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 659-666.	1.1	0

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19	Peptide-Polydopamine Nanocomposite Hydrogel for a Laser-Controlled Hydrophobic Drug Delivery. ACS Applied Bio Materials, 2021, 4, 6652-6657.	2.3	12
20	Remarkable Morphology Transformation from Fiber to Nanotube of a Histidine Organogel in Presence of a Binuclear Iron(III)–Sulfur Complex. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 121-130.	1.9	4
21	Exploring the interactions of iron and zinc with the microtubule binding repeats R1 and R4. Journal of Inorganic Biochemistry, 2020, 205, 110987.	1.5	15
22	N-Heterocyclic carbene and thiol micropatterns enable the selective deposition and transfer of copper films. Chemical Communications, 2020, 56, 1275-1278.	2.2	20
23	A Trojan horse biomimetic delivery strategy using mesenchymal stem cells for PDT/PTT therapy against lung melanoma metastasis. Biomaterials Science, 2020, 8, 1160-1170.	2.6	52
24	Homogeneous and heterogeneous molecular catalysts for electrochemical reduction of carbon dioxide. RSC Advances, 2020, 10, 38013-38023.	1.7	24
25	The construction of a simple sensor for the simultaneous detection of nitrite and thiosulfate by heme catalysis. RSC Advances, 2020, 10, 35007-35016.	1.7	6
26	Multi-component peptide hydrogels – a systematic study incorporating biomolecules for the exploration of diverse, tuneable biomaterials. Biomaterials Science, 2020, 8, 5601-5614.	2.6	17
27	Development of an Electrochemical Sensor Using Pencil Graphite Electrode for Monitoring UV-Induced DNA Damage. Journal of Chemical Education, 2020, 97, 4445-4452.	1.1	5
28	Electrocatalytic Reduction of CO <sub>2</sub> to CH <sub>4</sub> and CO in Aqueous Solution Using Pyridine-Porphyrins Immobilized onto Carbon Nanotubes. ACS Sustainable Chemistry and Engineering, 2020, 8, 9549-9557.	3.2	39
29	A Very Simple Method for Detection of Bisphenol A in Environmental Water by Heme Signal Amplification. Journal of the Electrochemical Society, 2020, 167, 067503.	1.3	8
30	Tunable hierarchical surfaces of CuO derived from metal–organic frameworks for non-enzymatic glucose sensing. Inorganic Chemistry Frontiers, 2020, 7, 1512-1525.	3.0	41
31	Enhanced Electrochemical Reduction of CO <sub>2</sub> to CO upon Immobilization onto Carbon Nanotubes Using an Iron–Porphyrin Dimer. ChemistrySelect, 2020, 5, 979-984.	0.7	38
32	Supramolecular Peptide Gels: Influencing Properties by Metal Ion Coordination and Their Wide-Ranging Applications. ACS Omega, 2020, 5, 1312-1317.	1.6	56
33	Enhanced Electrocatalytic Activity of Primary Amines for CO <sub>2</sub> Reduction Using Copper Electrodes in Aqueous Solution. ACS Sustainable Chemistry and Engineering, 2020, 8, 1715-1720.	3.2	48
34	Detection of carcinoembryonic antigen and $\alpha$ -fetoprotein exploiting a 3D DNA walker strategy. Sensors and Actuators B: Chemical, 2020, 319, 128327.	4.0	9
35	Real-Time Electrochemical Detection of Uric Acid, Dopamine and Ascorbic Acid by Heme Directly Modified Carbon Electrode. Journal of Biomedical Nanotechnology, 2020, 16, 29-39.	0.5	8
36	Enzyme Entrapment in Amphiphilic Myristyl-Phenylalanine Hydrogels. Molecules, 2019, 24, 2884.	1.7	13

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37	Facile synthesis of silver-rich Au/Ag bimetallic nanoparticles with highly active SERS properties. <i>New Journal of Chemistry</i> , 2019, 43, 14772-14780.	1.4	17
38	Self-assembly of silver nanoparticles-low generation peptide dendrimer conjugates into poly-L-lysine. <i>Materials Letters</i> , 2019, 254, 353-356.	1.3	6
39	Facile Approach for Synthesizing High-Performance MnO/C Electrodes from Rice Husk. <i>ACS Omega</i> , 2019, 4, 18908-18917.	1.6	17
40	Enhanced Electrochemical Reduction of CO <sub>2</sub> Catalyzed by Cobalt and Iron Amino Porphyrin Complexes. <i>ACS Applied Energy Materials</i> , 2019, 2, 1330-1335.	2.5	71
41	Advances in enzyme-based electrochemical sensors: current trends, benefits, and constraints. , 2019, , 555-590.		8
42	Facile Green Route to Ni/Co Oxide Nanoparticle Embedded 3D Graphitic Carbon Nanosheets for High Performance Hybrid Supercapacitor Devices. <i>ACS Applied Energy Materials</i> , 2019, 2, 3389-3399.	2.5	75
43	Development of a Highly Sensitive Electrochemical Sensing Platform for the Trace Level Detection of Lead Ions. <i>Journal of the Electrochemical Society</i> , 2019, 166, B3136-B3142.	1.3	20
44	Electrochemical studies of human nAChR $\alpha 7$ subunit phosphorylation by kinases PKA, PKC and Src. <i>Analytical Biochemistry</i> , 2019, 574, 46-56.	1.1	6
45	Aggregation of Microtubule Binding Repeats of Tau Protein is Promoted by Cu <sup>2+</sup> . <i>ACS Omega</i> , 2019, 4, 5356-5366.	1.6	30
46	Ferrocene Peptide-based Supramolecular Gels. , 2019, , 57-74.		7
47	Interaction of metal ions with tau protein. The case for a metal-mediated tau aggregation. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 44-51.	1.5	41
48	Disposable electrochemical sensors for hemoglobin detection based on ferrocenoyl cysteine conjugates modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 130-136.	4.0	60
49	Systematic exploration of the pH dependence of a peptide hydrogel. <i>Canadian Journal of Chemistry</i> , 2019, 97, 430-434.	0.6	3
50	Synthesis and Biochemical Evaluation of Nicotinamide Derivatives as NADH Analogue Coenzymes in Ene Reductase. <i>ChemBioChem</i> , 2019, 20, 838-845.	1.3	10
51	Gold nanoparticles-based multifunctional nanoconjugates for highly sensitive and enzyme-free detection of E.coli K12. <i>Talanta</i> , 2019, 193, 15-22.	2.9	37
52	Direct Bisulfite-Free Detection of 5-Methylcytosine by Using Electrochemical Measurements Aided by a Monoclonal Antibody. <i>ChemElectroChem</i> , 2018, 5, 1631-1635.	1.7	5
53	Ag <sup>I</sup> -Induced Switching of DNA Binding Modes via Formation of a Supramolecular Metallacycle. <i>Chemistry - A European Journal</i> , 2018, 24, 3729-3732.	1.7	3
54	Sensitive and Selective Detection of Multiple Metal Ions Using Amino Acids Modified Glassy Carbon Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, B67-B73.	1.3	18

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55	Platinum(II)-glutamic acid dendrimer conjugates: Synthesis, characterization, DFT calculation, conformational analysis and catalytic properties. <i>Inorganica Chimica Acta</i> , 2018, 473, 245-254.	1.2	2
56	Simple synthesis of core-shell structure of Co@Co <sub>3</sub> O <sub>4</sub> @ carbon-nanotube-incorporated nitrogen-doped carbon for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2018, 261, 537-547.	2.6	176
57	Core-Shell Nanoparticles Containing Peptide Dendrimers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 457-462.	1.9	5
58	Electrochemical detection of carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2018, 102, 610-616.	5.3	119
59	Frontispiece: Supramolecular Assembly of Peptide and Metallopeptide Gelators and Their Stimuli-Responsive Properties in Biomedical Applications. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
60	Electron Transfer in Spacer-Free DNA Duplexes Tethered to Gold via dA <sub>10</sub> Tags. <i>Langmuir</i> , 2018, 34, 8472-8479.	1.6	23
61	Stimuli-responsive peptide-based biomaterials as drug delivery systems. <i>Chemical Engineering Journal</i> , 2018, 353, 559-583.	6.6	96
62	Supramolecular Assembly of Peptide and Metallopeptide Gelators and Their Stimuli-Responsive Properties in Biomedical Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 14316-14328.	1.7	77
63	Hg(II) interactions with T-rich regions in oligonucleotides: effects of positional variations on the electrochemical properties. <i>Analyst, The</i> , 2018, 143, 2844-2850.	1.7	3
64	Metal Coordination to Unsymmetric 1,1'-Di-substituted Ferrocene Histidine Peptides. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3213-3223.	1.0	5
65	A Bioorganometallic Approach to Study Histidine Kinase Autophosphorylations. <i>Chemistry - A European Journal</i> , 2017, 23, 3152-3158.	1.7	10
66	Ion-Dependent Modulation of Self-Healing Hydrogels. <i>ChemistrySelect</i> , 2017, 2, 451-457.	0.7	18
67	An unexpected use of ferrocene. A scanning electrochemical microscopy study of a toll-like receptor array and its interaction with <i>E. coli</i> . <i>Chemical Communications</i> , 2017, 53, 2946-2949.	2.2	14
68	Demonstration of a tailorable and PCR-free detection of <i>Enterococcus</i> DNA isolated from soil samples. <i>Analytical Methods</i> , 2017, 9, 1643-1649.	1.3	4
69	Interactions of Hg(II) with oligonucleotides having thymine-thymine mispairs. Optimization of an impedimetric Hg(II) sensor. <i>Analyst, The</i> , 2017, 142, 1827-1834.	1.7	7
70	A study of the interactions of Hg(II) with T-T mispair containing hairpin loops. <i>Electrochimica Acta</i> , 2017, 243, 44-52.	2.6	7
71	Gold copper alloy nanoparticles (Au-Cu NPs) modified electrode as an enhanced electrochemical sensing platform for the detection of persistent toxic organic pollutants. <i>Electrochimica Acta</i> , 2017, 241, 281-290.	2.6	42
72	DNA Films Containing the Artificial Nucleobase Imidazole Mediate Charge Transfer in a Silver(I)-Responsive Way. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6098-6102.	7.2	38

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73	DNA-Filme mit der künstlichen Nucleobase Imidazol vermitteln Ladungstransfer in einer Silber(I)-abhängigen Weise. <i>Angewandte Chemie</i> , 2017, 129, 6194-6198.	1.6	14
74	Synthesis, spectroscopic characterization, DFT optimization and biological activities of Schiff bases and their metal (II) complexes. <i>Journal of Molecular Structure</i> , 2017, 1145, 132-140.	1.8	51
75	Helically Chiral Peptides That Contain Ferrocene-1,1'-diamine Scaffolds as a Turn Inducer. <i>Chemistry - A European Journal</i> , 2017, 23, 10372-10395.	1.7	19
76	Functionalization of Ruthenium(II)(1-cymene)(3-hydroxy-2-pyridone) Complexes with (Thio)Morpholine: Synthesis and Bioanalytical Studies. <i>ChemPlusChem</i> , 2017, 82, 841-847.	1.3	13
77	Detection of the Lipopeptide Pam3CSK4 Using a Hybridized Toll-like Receptor Electrochemical Sensor. <i>Analytical Chemistry</i> , 2017, 89, 4882-4888.	3.2	9
78	Electrochemical studies of tau protein-iron interactions – Potential implications for Alzheimer's Disease. <i>Electrochimica Acta</i> , 2017, 236, 384-393.	2.6	44
79	Amino acid-based amphiphilic hydrogels: metal ion induced tuning of mechanical and thermal stability. <i>RSC Advances</i> , 2017, 7, 14461-14465.	1.7	30
80	Metal coordination of ferrocene-histidine conjugates. <i>Dalton Transactions</i> , 2017, 46, 4844-4859.	1.6	11
81	A Ferrocene-Tryptophan Conjugate: The Role of the Indolic Nitrogen in Supramolecular Assembly. <i>ChemPlusChem</i> , 2017, 82, 1282-1289.	1.3	22
82	On the Role of Chirality in Guiding the Self-Assembly of Peptides. <i>Angewandte Chemie</i> , 2017, 129, 13473-13477.	1.6	31
83	On the Role of Chirality in Guiding the Self-Assembly of Peptides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13288-13292.	7.2	41
84	Advances in the synthesis, molecular architectures and potential applications of gemini surfactants. <i>Advances in Colloid and Interface Science</i> , 2017, 248, 35-68.	7.0	130
85	Ferrocene-Modified Phospholipid: An Innovative Precursor for Redox-Triggered Drug Delivery Vesicles Selective to Cancer Cells. <i>Langmuir</i> , 2016, 32, 4169-4178.	1.6	63
86	Characterization of TLR4/MD-2-modified Au sensor surfaces towards the detection of molecular signatures of bacteria. <i>Analytical Methods</i> , 2016, 8, 7623-7631.	1.3	15
87	Redox Mechanism, Antioxidant Activity and Computational Studies of Triazole and Phenol Containing Schiff Bases. <i>Journal of the Electrochemical Society</i> , 2016, 163, H871-H880.	1.3	8
88	Effects of bipyramidal gold nanoparticles and gold nanorods on the detection of immunoglobulins. <i>Analyst</i> , 2016, 141, 6080-6086.	1.7	17
89	Simple direct formation of self-assembled N-heterocyclic carbene monolayers on gold and their application in biosensing. <i>Nature Communications</i> , 2016, 7, 12654.	5.8	171
90	pH and Temperature Responsive Electrooxidation and Antioxidant Activity of Indole-3-Carbaldehyde. <i>Journal of the Electrochemical Society</i> , 2016, 163, H690-H696.	1.3	5

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91	pH and Temperature Responsive Electrooxidation of Thiazole Derivatives and Preliminary Screening of Their Antioxidant Activity. <i>Journal of the Electrochemical Society</i> , 2016, 163, H350-H358.	1.3	5
92	Molecular photo-charge-separators enabling single-pigment-driven multi-electron transfer and storage leading to H <sub>2</sub> evolution from water. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 671-680.	3.0	21
93	Development of surfactant based electrochemical sensor for the trace level detection of mercury. <i>Electrochimica Acta</i> , 2016, 190, 1007-1014.	2.6	47
94	Rational Design and Application of a Redox-Active, Photoresponsive, Discrete Metallogelator. <i>Chemistry - A European Journal</i> , 2015, 21, 7695-7700.	1.7	33
95	Amino Acid Chirality and Ferrocene Conformation Guided Self-Assembly and Gelation of Ferrocene-Peptide Conjugates. <i>Chemistry - A European Journal</i> , 2015, 21, 11560-11572.	1.7	40
96	Clickable 5'-Ferrocenyl Adenosine Triphosphate Bioconjugates in Kinase-Catalyzed Phosphorylations. <i>Chemistry - A European Journal</i> , 2015, 21, 4988-4999.	1.7	15
97	pH Dependent Electrochemistry of Anthracenediones at a Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2015, 162, H157-H163.	1.3	22
98	Electron transfer in peptides. <i>Chemical Society Reviews</i> , 2015, 44, 1015-1027.	18.7	110
99	pH Dependent Electrochemical Characterization, Computational Studies and Evaluation of Thermodynamic, Kinetic and Analytical Parameters of Two Phenazines. <i>Journal of the Electrochemical Society</i> , 2015, 162, H115-H123.	1.3	28
100	Synthesis, characterization, and application of Au-Ag alloy nanoparticles for the sensing of an environmental toxin, pyrene. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 463-472.	1.5	60
101	pH- and temperature-responsive redox behavior of hydroxyanthracenediones. <i>Comptes Rendus Chimie</i> , 2015, 18, 823-833.	0.2	0
102	pH and temperature responsive redox behavior of biologically important aniline derivatives. <i>RSC Advances</i> , 2015, 5, 64617-64625.	1.7	5
103	Investigation of the Utility of Complementary Electrochemical Detection Techniques to Examine the In Vitro Affinity of Bacterial Flagellins for a Toll-Like Receptor 5 Biosensor. <i>Analytical Chemistry</i> , 2015, 87, 4218-4224.	3.2	29
104	Monitoring of 2-butanone using a Ag-Cu bimetallic alloy nanoscale electrochemical sensor. <i>RSC Advances</i> , 2015, 5, 44427-44434.	1.7	43
105	Nanoparticle-Based Detection of Protein Phosphorylation. , 2015, , 251-267.		0
106	Sensitive electrochemical detection of Salmonella with chitosan-gold nanoparticles composite film. <i>Talanta</i> , 2015, 140, 122-127.	2.9	77
107	Scanning Electrochemical Microscopy: A Multiplexing Tool for Electrochemical DNA Biosensing. , 2015, , 1-18.		0
108	Synthesis, Spectroscopic Characterization, pH Dependent Electrochemistry and Computational Studies of Piperazinic Compounds. <i>Journal of the Electrochemical Society</i> , 2015, 162, H32-H39.	1.3	10



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109	Synthesis, spectroscopic characterization and pH dependent photometric and electrochemical fate of Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 58-66.	2.0	14
110	Recent advances and developments in monitoring biological agents in water samples. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 23-48.	3.9	16
111	Synthesis, Spectroscopic Characterization and pH Dependent Electrochemical Fate of Two Non-Ionic Surfactants. <i>Journal of the Electrochemical Society</i> , 2014, 161, H885-H890.	1.3	12
112	Biological activity, pH dependent redox behavior and UV-Vis spectroscopic studies of naphthalene derivatives. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 173-181.	1.7	5
113	Ultra stable self-assembled monolayers of N-heterocyclic carbenes on gold. <i>Nature Chemistry</i> , 2014, 6, 409-414.	6.6	381
114	Redox-triggered changes in the self-assembly of a ferrocene-peptide conjugate. <i>Chemical Communications</i> , 2014, 50, 5551-5553.	2.2	67
115	Synthesis, Characterization of Some Ferrocenoyl Cysteine and Histidine Conjugates, and Their Interactions with Some Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5337-5347.	1.0	11
116	Dual localized scanning plasmon resonance and electrochemical investigations of organophosphorus insecticides presence. <i>RSC Advances</i> , 2014, 4, 1484-1488.	1.7	1
117	Electrochemical detection of the Fc-STAT3 phosphorylation and STAT3-Fc-STAT3 dimerization and inhibition. <i>Molecular BioSystems</i> , 2014, 10, 576.	2.9	5
118	Toll-like receptor 3 modified Au electrodes: an investigation into the interaction of TLR3 immobilized on Au surfaces with poly(I:C). <i>Analytical Methods</i> , 2014, 6, 3322-3328.	1.3	11
119	pH-dependent redox mechanism and evaluation of kinetic and thermodynamic parameters of a novel anthraquinone. <i>RSC Advances</i> , 2014, 4, 31657-31665.	1.7	16
120	Self-assembly of guanosine and deoxy-guanosine into hydrogels: monovalent cation guided modulation of gelation, morphology and self-healing properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4802-4810.	2.9	74
121	Synthesis, spectroscopic characterization, pH dependent redox mechanism and DNA binding behavior of chlorohydroxyaniline derivatives. <i>RSC Advances</i> , 2014, 4, 22299-22307.	1.7	5
122	Polymeric micelles as drug delivery vehicles. <i>RSC Advances</i> , 2014, 4, 17028-17038.	1.7	449
123	Bis-amino Acid Derivatives of 1,1'-Ferrocenedicarboxylic Acid: Structural, Electrochemical, and Metal Ion Binding Studies. <i>Organometallics</i> , 2014, 33, 4873-4887.	1.1	20
124	Impedance based detection of pathogenic E. coli O157:H7 using a ferrocene-antimicrobial peptide modified biosensor. <i>Biosensors and Bioelectronics</i> , 2014, 58, 193-199.	5.3	129
125	Detailed Electrochemistry of the Environmental Toxin Ethylene Diamine. <i>Journal of the Electrochemical Society</i> , 2014, 161, H370-H374.	1.3	8
126	Effects of surfactants on electrochemically prepared Ag nanostructures. <i>Analyst</i> , 2013, 138, 5920.	1.7	2



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127	Probing copper/tau protein interactions electrochemically. <i>Analytical Biochemistry</i> , 2013, 442, 130-137.	1.1	49
128	Tailoring zinc porphyrin to the Ag nanostructure substrate: an effective approach for photoelectrochemical studies in the presence of mononucleotides. <i>Analyst, The</i> , 2013, 138, 3380.	1.7	2
129	Stimuli-Responsive Supramolecular Gelation in Ferrocene-Peptide Conjugates. <i>Chemistry - A European Journal</i> , 2013, 19, 17296-17300.	1.7	43
130	A novel colorimetric potassium sensor based on the substitution of lead from G-quadruplex. <i>Analyst, The</i> , 2013, 138, 856-862.	1.7	50
131	Surface Plasmon Resonance Imaging of Amyloid- $\beta^2$ Aggregation Kinetics in the Presence of Epigallocatechin Gallate and Metals. <i>Analytical Chemistry</i> , 2013, 85, 2049-2055.	3.2	34
132	Interactions of Metal Ions with DNA and Some Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 4-23.	1.9	89
133	Sonication-Induced Coiled Fibrous Architectures of Boc-Phe-Lys(Z)-OMe. <i>Chemistry - A European Journal</i> , 2013, 19, 1769-1777.	1.7	26
134	Electrochemical signature of mismatch in overhang DNA films: a scanning electrochemical microscopic study. <i>Analyst, The</i> , 2013, 138, 3538.	1.7	10
135	Electrochemical Investigations into Kinase-Catalyzed Transformations of Tau Protein. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1194-1203.	1.7	23
136	Ferrocene-Tryptophan Conjugate: An Example of a Redox-Controlled Reversible Supramolecular Nanofiber Network. <i>Organometallics</i> , 2013, 32, 5899-5905.	1.1	35
137	Chemical biology toolkit for exploring protein kinase catalyzed phosphorylation reactions. <i>Chemical Science</i> , 2013, 4, 42-59.	3.7	16
138	Small-Peptide-Based Organogel Kit: Towards the Development of Multicomponent Self-Sorting Organogels. <i>Chemistry - A European Journal</i> , 2013, 19, 15862-15871.	1.7	40
139	Recognizing the translocation signals of individual peptide-oligonucleotide conjugates using an $\pm$ -hemolysin nanopore. <i>Chemical Communications</i> , 2012, 48, 8784.	2.2	29
140	Studies of the interaction of two organophosphonates with nanostructured silver surfaces. <i>Analyst, The</i> , 2012, 137, 4448.	1.7	28
141	Electrochemical investigations into Tau protein phosphorylations. <i>Analyst, The</i> , 2012, 137, 2042.	1.7	38
142	Electrochemical Investigations of Tau Protein Phosphorylations and Interactions with Pin1. <i>Chemistry and Biodiversity</i> , 2012, 9, 1693-1702.	1.0	22
143	Synthesis of a series of 1, $n$ -disubstituted ferrocene derivatives containing disulfides. <i>Inorganica Chimica Acta</i> , 2012, 391, 195-200.	1.2	1
144	Electron Transfer Mechanism in Helical Peptides. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 709-713.	2.1	46

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145	Scanning positional variations in single-nucleotide polymorphism of DNA: an electrochemical study. <i>Analyst, The</i> , 2012, 137, 4220.	1.7	23
146	Magnetic, electrochemical and spectroscopic properties of iron(III) amine-bis(phenolate) halide complexes. <i>Dalton Transactions</i> , 2012, 41, 4806.	1.6	28
147	Synthesis and Surface Investigations of N-Substituted 2,5-Dithio-7-azabicyclo[2.2.1]heptanes on Gold Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7886-7896.	1.5	10
148	Electrochemical detection of hepatitis C viral NS3-4A protease. <i>Analyst, The</i> , 2012, 137, 1120.	1.7	13
149	Versatile Strategy for Biochemical, Electrochemical and Immunoarray Detection of Protein Phosphorylations. <i>Journal of the American Chemical Society</i> , 2012, 134, 17036-17045.	6.6	70
150	Structure-Activity Relationships of Targeted Ru(II) ( $\eta^6$ -p-Cymene) Anticancer Complexes with Flavonol-Derived Ligands. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10512-10522.	2.9	132
151	Study of Amyloid $\beta$ -Peptide ( $A\beta_{12-28}$ -Cys) Interactions with Congo Red and $\beta$ -Sheet Breaker Peptides Using Electrochemical Impedance Spectroscopy. <i>Langmuir</i> , 2012, 28, 6377-6385.	1.6	11
152	Hierarchical Organization of Ferrocene-Peptides. <i>Chemistry - A European Journal</i> , 2012, 18, 9099-9105.	1.7	10
153	Electrochemical screening of the indole/quinolone derivatives as potential protein kinase CK2 inhibitors. <i>Analytical Biochemistry</i> , 2012, 421, 617-621.	1.1	13
154	Electrochemical $\alpha$ -Signal-Reporter for Amyloid Aggregates. <i>ChemPhysChem</i> , 2012, 13, 542-548.	1.0	13
155	Effect of Ferrocene Position on Charge Transfer in ds-DNA Films. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 178-182.	1.9	7
156	Towards an early diagnosis of HIV infection: an electrochemical approach for detection of HIV-1 reverse transcriptase enzyme. <i>Analyst, The</i> , 2011, 136, 708-715.	1.7	40
157	Use of $5'$ - $\beta$ -Ferrocenyl Adenosine Triphosphate (Fc-ATP) Bioconjugates Having Poly(ethylene glycol) Spacers in Kinase-Catalyzed Phosphorylations. <i>Bioconjugate Chemistry</i> , 2011, 22, 1663-1672.	1.8	23
158	Towards the electrochemical identification of species. <i>Chemical Communications</i> , 2011, 47, 1431-1433.	2.2	17
159	Enzymatically modified peptide surfaces: towards general electrochemical sensor platform for protein kinase catalyzed phosphorylations. <i>Analyst, The</i> , 2011, 136, 107-112.	1.7	40
160	Electrochemical identification of artificial oligonucleotides related to bovine species. Potential for identification of species based on mismatches in the mitochondrial cytochrome C1 oxidase gene. <i>Analyst, The</i> , 2011, 136, 4724.	1.7	16
161	The effects of oligonucleotide overhangs on the surface hybridization in DNA films: an impedance study. <i>Analyst, The</i> , 2011, 136, 3107.	1.7	29
162	Chemical Behavior of Electrochemically Generated Nanostructured Silver Surfaces. <i>Langmuir</i> , 2011, 27, 12098-12105.	1.6	15

#	ARTICLE	IF	CITATIONS
163	Evaluation of an immobilized artificial carbonic anhydrase model for CO <sub>2</sub> sequestration. <i>Chemical Science</i> , 2011, 2, 1515.	3.7	33
164	Impedimetric Immobilized DNA-Based Sensor for Simultaneous Detection of Pb <sup>2+</sup> , Ag <sup>+</sup> , and Hg <sup>2+</sup> . <i>Analytical Chemistry</i> , 2011, 83, 6896-6901.	3.2	270
165	Electrochemical analysis of HIV-1 reverse transcriptase serum level: Exploiting protein binding to a functionalized nanostructured surface. <i>Talanta</i> , 2011, 85, 770-778.	2.9	38
166	On chip electrochemical detection of sarcoma protein kinase and HIV-1 reverse transcriptase. <i>Talanta</i> , 2011, 85, 2430-2436.	2.9	15
167	Nanopore Analysis of $\beta$ -Amyloid Peptide Aggregation Transition Induced by Small Molecules. <i>Analytical Chemistry</i> , 2011, 83, 1746-1752.	3.2	140
168	Electrochemical investigations of sarcoma-related protein kinase inhibition. <i>Electrochimica Acta</i> , 2011, 56, 10676-10682.	2.6	22
169	Exploiting the interactions of PNA-DNA films with Ni <sup>2+</sup> ions: Detection of nucleobase mismatches and electrochemical genotyping of the single-nucleotide mismatch in apoE 4 related to Alzheimer's disease. <i>Biosensors and Bioelectronics</i> , 2011, 27, 187-191.	5.3	16
170	Ferrocene-peptido conjugates: From synthesis to sensory applications. <i>Dalton Transactions</i> , 2011, 40, 7264.	1.6	119
171	6-Vinyl coenzyme QO: Electropolymerization and electrocatalysis of NADH oxidation exploiting poly-p-quinone-modified electrode surfaces. <i>Bioelectrochemistry</i> , 2011, 80, 128-131.	2.4	10
172	Platinum(II)-Based Hydrogen-Evolving Catalysts Linked to Multipendant Viologen Acceptors: Experimental and DFT Indications for Bimolecular Pathways. <i>Chemistry - A European Journal</i> , 2011, 17, 1148-1162.	1.7	56
173	Probing the Role of the Linker in Ferrocene-ATP Conjugates: Monitoring Protein Kinase Catalyzed Phosphorylations Electrochemically. <i>Chemistry - A European Journal</i> , 2011, 17, 6744-6752.	1.7	36
174	Coenzyme-Q Functionalized CdTe/ZnS Quantum Dots for Reactive Oxygen Species (ROS) Imaging. <i>Chemistry - A European Journal</i> , 2011, 17, 5262-5271.	1.7	37
175	A bioorganometallic approach for rapid electrochemical analysis of human immunodeficiency virus type-1 reverse transcriptase in serum. <i>Electrochimica Acta</i> , 2011, 56, 5122-5128.	2.6	22
176	Hydrogen-bonding interactions in ferrocene-peptide conjugates containing valine. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1117-1125.	0.8	13
177	Photoinduced electron transfer in tris(2,2'-bipyridine)ruthenium(ii)-viologen dyads with peptide backbones leading to long-lived charge separation and hydrogen evolution. <i>Dalton Transactions</i> , 2010, 39, 4421.	1.6	40
178	Ferrocene-Aspartate Dendrimers: Conformational Analysis and Electrochemical Studies. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 488-502.	1.9	8
179	Spectroscopic and Electrochemical Investigations into the Interactions of Metal Ions with a Ferrocenoyl-Histidine Peptide Conjugate. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5231-5238.	1.0	14
180	(Carboxymethyl-Dextran)-Modified Magnetic Nanoparticles Conjugated to Octreotide for MRI Applications. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5455-5461.	1.0	11

#	ARTICLE	IF	CITATIONS
181	Is the Reactivity of M(II)-Arene Complexes of 3-Hydroxy-2(1H-imidazol-2-yl)-pyridones to Biomolecules the Anticancer Activity Determining Parameter?. <i>Inorganic Chemistry</i> , 2010, 49, 7953-7963.	1.9	101
182	Impedance Based Detection of Chemical Warfare Agent Mimics Using Ferrocene-Lysine Modified Carbon Nanotubes. <i>Analytical Chemistry</i> , 2010, 82, 3191-3197.	3.2	47
183	Biodegradation of Poly(2-hydroxyethyl methacrylate) (PHEMA) and Poly[(2-hydroxyethyl) trimethylammonium] Peptide-Based Cross-Linking Agents. <i>Biomacromolecules</i> , 2010, 11, 2949-2959.	2.6	45
184	Exploiting the Interaction of Metal Ions and Peptide Nucleic Acids-DNA Duplexes for the Detection of a Single Nucleotide Mismatch by Electrochemical Impedance Spectroscopy. <i>Analytical Chemistry</i> , 2010, 82, 1166-1169.	3.2	22
185	Electrochemical impedance study of the interaction of metal ions with unlabeled PNA. <i>Chemical Communications</i> , 2010, 46, 6344.	2.2	13
186	Probing nucleobase mismatch variations by electrochemical techniques: exploring the effects of position and nature of the single-nucleotide mismatch. <i>Analyst</i> , 2010, 135, 2280.	1.7	25
187	Designer Peptides: Attempt to Control Peptide Structure by Exploiting Ferrocene as a Scaffold. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3205-3218.	1.0	61
188	Ferrocene Conjugates Containing Diarginine and Aspartic Acid: Salt Bridge Interactions in Water. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4425-4432.	1.0	6
189	Voltammetric studies of dendrimer multilayers: Layer-by-layer assembly of metal-peptide dendrimers multilayers. <i>Journal of Applied Polymer Science</i> , 2009, 111, 709-723.	1.3	9
190	Studies into the interaction of a ferrocene-conjugates of Gly-Gly-Arg-Tyr with papain: AC voltammetry, impedance spectroscopy and surface plasmon resonance studies. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 253-258.	4.0	14
191	Electrochemical detection of protein tyrosine kinase-catalysed phosphorylation using gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1484-1489.	5.3	61
192	Ferrocene-modified guanosine derivatives: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2009, 362, 1365-1368.	1.2	2
193	Formation of N-(1-ferrocenylpyrrolidine-2-carbonyl)-N,N'-dicyclohexylurea: Dead-end in the preparation of ferrocene-modified peptides. <i>Inorganica Chimica Acta</i> , 2009, 362, 3867-3871.	1.2	2
194	Comparative Theoretical and Experimental Study of the Radiation-Induced Decomposition of Glycine. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5360-5366.	1.1	24
195	Electrochemical properties of gas-generated silver nanoparticles in the presence of cyano- and chloride-containing compounds. <i>Analyst</i> , 2009, 134, 2021.	1.7	24
196	Synthesis and characterization of new ferrocene peptide conjugates. <i>Dalton Transactions</i> , 2009, , 4370.	1.6	14
197	Electrochemical probing of HIV enzymes using ferrocene-conjugated peptides on surfaces. <i>Analyst</i> , 2009, 134, 2400.	1.7	40
198	Unlabeled Hairpin DNA Probe for Electrochemical Detection of Single-Nucleotide Mismatches Based on Mut-DNA Interactions. <i>Analytical Chemistry</i> , 2009, 81, 8639-8643.	3.2	48

#	ARTICLE	IF	CITATIONS
199	Detection of single-nucleotide mismatches using scanning electrochemical microscopy. <i>Chemical Communications</i> , 2009, , 1189.	2.2	44
200	Interaction of metal ions and DNA films on gold surfaces: an electrochemical impedance study. <i>Analyst</i> , The, 2009, 134, 1309.	1.7	35
201	Covalent modification of carbon nanotubes with ferrocene-lysine derivative for electrochemical sensors. , 2009, , .		1
202	IsopropylN-[1- $\epsilon$ -(methoxycarbonyl)ferrocenyl]carbamate $\epsilon$ -ethylN-[1- $\epsilon$ -(methoxycarbonyl)ferrocenyl]carbamate (0.6/0.4). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m401-m401.	0.2	0
203	Synthesis and Electrochemical Investigation of Oligomeric and Polymeric Ferrocenyl-Amides having Cyclohexyl, Phenylene, and Lysyl Spacers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 69-80.	1.9	8
204	Metals Coordinate Protein $\epsilon$ Protein Interactions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6522-6524.	7.2	13
205	How Useful Is Ferrocene as a Scaffold for the Design of $\beta$ -Sheet Foldamers?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7056-7059.	7.2	44
206	Electrochemical investigation of metal ion interactions of a ferrocene deoxyuridine conjugate. <i>Inorganica Chimica Acta</i> , 2008, 361, 393-399.	1.2	5
207	Synthesis of amino acid conjugates of 1,1- $\epsilon$ -dimethylferrocene: New chiral conjugates. <i>Inorganica Chimica Acta</i> , 2008, 361, 1327-1331.	1.2	1
208	Chemical functionalization and modification of surface-bound cystamine $\epsilon$ glycine monolayers on gold nanoparticles. <i>Canadian Journal of Chemistry</i> , 2008, 86, 368-375.	0.6	6
209	Unlabeled Hairpin-DNA Probe for the Detection of Single-Nucleotide Mismatches by Electrochemical Impedance Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 2255-2260.	3.2	66
210	Peptide Biosensors for the Electrochemical Measurement of Protein Kinase Activity. <i>Analytical Chemistry</i> , 2008, 80, 9395-9401.	3.2	86
211	Electrochemical detection of kinase-catalyzed phosphorylation using ferrocene-conjugated ATP. <i>Chemical Communications</i> , 2008, , 502-504.	2.2	97
212	Influence of Molecular Dipole Moment on the Redox-Induced Reorganization of $\beta$ -Helical Peptide Self-Assembled Monolayers: An Electrochemical SPR Investigation. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14513-14519.	1.5	42
213	Noncovalent Modification of Carbon Nanotubes with Ferrocene $\epsilon$ Amino Acid Conjugates for Electrochemical Sensing of Chemical Warfare Agent Mimics. <i>Analytical Chemistry</i> , 2008, 80, 2574-2582.	3.2	54
214	Metal Binding Studies of Ferrocene Peptides in Solution. , 2008, , 109-145.		0
215	Metal Ion Binding to Ferrocene Peptide Dendrimer Films. , 2008, , 147-171.		0
216	Effect of the Surface Curvature on the Secondary Structure of Peptides Adsorbed on Nanoparticles. <i>Journal of the American Chemical Society</i> , 2007, 129, 6356-6357.	6.6	120

#	ARTICLE	IF	CITATIONS
217	Reorganization Energies of Ferrocene-Peptide Monolayers. <i>Langmuir</i> , 2007, 23, 12765-12770.	1.6	48
218	Surface Studies of Aminoferrocene Derivatives on Gold: Electrochemical Sensors for Chemical Warfare Agents. <i>Analytical Chemistry</i> , 2007, 79, 2877-2884.	3.2	61
219	An electrochemical approach for the detection of HIV-1 protease. <i>Chemical Communications</i> , 2007, , 3829.	2.2	42
220	Electrochemical detection of kinase-catalyzed thiophosphorylation using gold nanoparticles. <i>Chemical Communications</i> , 2007, , 5019.	2.2	50
221	Exploiting Small Molecule Binding to DNA for the Detection of Single-Nucleotide Mismatches and Their Base Environment. <i>Analytical Chemistry</i> , 2007, 79, 2552-2555.	3.2	30
222	Study of Electron Transfer in Ferrocene-Labeled Collagen-like Peptides. <i>Langmuir</i> , 2007, 23, 6475-6477.	1.6	44
223	Electrochemical Investigations into the Binding of Some Nonredox Active Metal Ions to Surface-Bound Glutamic Acid Conjugates. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4235-4245.	1.5	5
224	A Bioorganometallic Approach for the Electrochemical Detection of Proteins: A Study on the Interaction of Ferrocene-Peptide Conjugates with Papain in Solution and on Au Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 5885-5895.	1.7	82
225	Cages on Surfaces: Thiol Functionalisation of CoIII Sarcophagine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 263-278.	1.0	13
226	The effect of alkali metal ions on the electrochemical behavior of ferrocene-peptide conjugates immobilized on gold surfaces. <i>Electrochimica Acta</i> , 2007, 53, 2034-2039.	2.6	11
227	Benzotriazol-1-yl methyl ferrocene-1,1-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m2173-m2173.	0.2	0
228	Synthesis, Characterization, and Electrochemical Studies on [1.1]Ferrocenophanes Containing Aluminum, Gallium, and Indium. <i>Inorganic Chemistry</i> , 2006, 45, 454-459.	1.9	43
229	Systematizing structural motifs and nomenclature in 1,2-disubstituted ferrocene peptides. <i>Chemical Society Reviews</i> , 2006, 35, 348.	18.7	204
230	Investigation of laser induced photocurrent generation experiments. <i>Chemical Communications</i> , 2006, , 4802.	2.2	9
231	Electrochemical Detection of Single-Nucleotide Mismatches Using an Electrode Microarray. <i>Analytical Chemistry</i> , 2006, 78, 6096-6101.	3.2	64
232	Study of Peptide Dendrimers Having a Ferrocene Core Supported on Mercaptoundecanoic Acid. <i>Langmuir</i> , 2006, 22, 10515-10522.	1.6	13
233	Transport of $\alpha$ -Helical Peptides through $\alpha$ -Hemolysin and Aerolysin Pores. <i>Biochemistry</i> , 2006, 45, 9172-9179.	1.2	254
234	Dependence of DNA Electronic Structure on Environmental and Structural Variations. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15742-15748.	1.2	21

#	ARTICLE	IF	CITATIONS
235	Ferrocene-Assisted Stabilization of Collagen Mimetic Triple Helices: A Solid-Phase Synthesis and Structure. <i>Bioconjugate Chemistry</i> , 2006, 17, 84-89.	1.8	31
236	Combined X-ray Absorption Spectroscopy and Density Functional Theory Examination of Ferrocene-Labeled Peptides. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5955-5965.	1.2	25
237	Chirality and Encapsulation Properties of Disubstituted Ferrocene Peptide Dendrimers. <i>Macromolecules</i> , 2006, 39, 5629-5638.	2.2	29
238	Electronic Biosensors Based on DNA Self-Assembled Monolayer on Gold Electrodes. , 2006, , 274-291.		7
239	Polypeptide-Based Metallobiopolymers. , 2006, , 473-498.		3
240	Evaluation of electron transfer rates in peptide films: Simplified calculation and theory. <i>Electrochimica Acta</i> , 2006, 51, 2934-2937.	2.6	20
241	Electron transfer across $\beta$ -helical peptides: Potential influence of molecular dynamics. <i>Chemical Physics</i> , 2006, 326, 246-251.	0.9	60
242	Synthesis of metal complexes of peptide phosphinites: Metal complexes in asymmetric Heck reaction. <i>Inorganica Chimica Acta</i> , 2006, 359, 3054-3065.	1.2	11
243	Reactions of 1-amino- $\beta$ -ferrocenemethylcarboxylate with electrophiles: A combined synthetic, electrochemical, and theoretical study. <i>Inorganica Chimica Acta</i> , 2006, 359, 3339-3344.	1.2	8
244	Ferrocene-modified pyrimidine nucleosides: synthesis, structure and electrochemistry. <i>Dalton Transactions</i> , 2006, , 4696.	1.6	23
245	Synthesis and Electrochemical Investigation of Oligomeric Ferrocene Amides: Towards Ferrocene Polyamides. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2006, 16, 201-210.	1.9	6
246	Helically Chiral Ferrocene Peptides Containing 1-Aminoferrocene-1-Carboxylic Acid Subunits as Turn Inducers. <i>Chemistry - A European Journal</i> , 2006, 12, 4965-4980.	1.7	127
247	Discovery of a Pseudo $\beta$ Barrel: Synthesis and Formation by Tiling of Ferrocene Cyclopeptides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 751-754.	7.2	43
248	Rational Design of Bioorganometallic Foldamers: A Potential Model for Parallel $\beta$ -Helical Peptides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6882-6884.	7.2	51
249	A Cyclic Fc-Histidine Conjugate: Synthesis and Properties Interactions with Alkali Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 988-993.	1.0	21
250	Ferrocenoyl-amino acids: redox response towards di- and trivalent metal ions. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1209-1217.	0.8	27
251	3-Ferrocenylamido-5-methylpyrazole: synthesis and metal coordination. <i>Inorganica Chimica Acta</i> , 2005, 358, 1151-1161.	1.2	16
252	Synthesis of redox-active ferrocene pyrazole conjugates and their cytotoxicity in human mammary adenocarcinoma MCF-7 cells. <i>Inorganica Chimica Acta</i> , 2005, 358, 3183-3189.	1.2	44



#	ARTICLE	IF	CITATIONS
253	Stimuli responsive materials: new avenues toward smart organic devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 4480.	6.7	185
254	Rearrangement of the Active Ester Intermediate During HOBt/EDC Amide Coupling. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 173-180.	1.0	25
255	Synthesis and Electrochemical Characterization of Metallocene-PNA Oligomers. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3207-3210.	1.0	49
256	Peptide Electron Transfer: More Questions than Answers. <i>Chemistry - A European Journal</i> , 2005, 11, 5186-5194.	1.7	119
257	Ferrocene-Conjugates of Amino Acids, Peptides and Nucleic Acids. <i>Journal of Inorganic and Organometallic Polymers</i> , 2005, 15, 83-106.	1.5	98
258	Electron Transfer in Hydrogen-bonded Peptides. <i>ECS Meeting Abstracts</i> , 2005, , .	0.0	0
259	Glutamic Acid Dendrimers Attached to a Central Ferrocene Core: Synthesis and Properties. <i>Macromolecules</i> , 2005, 38, 7562-7570.	2.2	28
260	Photophysics of pyrene-labelled compounds of biophysical interest. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 191.	1.6	72
261	Amino acid conjugates of 1,1'-diaminoferrocene. Synthesis and chiral organization. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3018.	1.5	57
262	Electrodeposition of ferrocenoyl peptide disulfides. <i>Chemical Communications</i> , 2005, , 1330.	2.2	13
263	Chip-Based Microelectrodes for Detection of Single-Nucleotide Mismatch. <i>Analytical Chemistry</i> , 2005, 77, 5766-5769.	3.2	28
264	Scanning Electrochemical Microscopy. 51. Studies of Self-Assembled Monolayers of DNA in the Absence and Presence of Metal Ions. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5193-5198.	1.2	76
265	Metal-Labeled DNA on Surfaces. , 2004, , 19-44.		0
266	Metal complexes of 3-acetamido-5-methylpyrazole. <i>Inorganica Chimica Acta</i> , 2004, 357, 159-166.	1.2	7
267	Electronic communication through the ureylene bridge: spectroscopy, structure and electrochemistry of dimethyl 1,1'-ureylenedi(1-ferrocenecarboxylate). <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2250-2255.	0.8	21
268	Changes in the hydrogen bonding pattern in ferrocene peptides. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4669-4677.	0.8	48
269	Fc-ssDNA conjugate: electrochemical properties in a borate buffer and adsorption on gold electrode surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2004, 567, 283-287.	1.9	23
270	Copper assisted acetylation of 3-amino-5-methylpyrazole: first copper complex of an aminopyrazole. <i>Inorganic Chemistry Communication</i> , 2004, 7, 382-385.	1.8	4

#	ARTICLE	IF	CITATIONS
271	Soft X-ray spectroscopy of nucleobases, B-DNA and ferrocene-proline conjugates. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 137-140, 817-822.	0.8	17
272	Photoinduced production of NAD(P)H from an activated fluorescein-DNA monolayer. <i>Chemical Communications</i> , 2004, , 2032-2033.	2.2	6
273	Protein-DNA interaction: impedance study of MutS binding to a DNA mismatch. <i>Chemical Communications</i> , 2004, , 574-575.	2.2	30
274	An analysis of mismatched duplex DNA unzipping through a bacterial nanopore. <i>Biochemistry and Cell Biology</i> , 2004, 82, 407-412.	0.9	22
275	Electron Transfer through H-bonded Peptide Assemblies. <i>Journal of Physical Chemistry B</i> , 2004, 108, 20164-20172.	1.2	56
276	Structure of Peptides Investigated by Nanopore Analysis. <i>Nano Letters</i> , 2004, 4, 1273-1277.	4.5	180
277	Electrochemical and Surface Study of Ferrocenyl Oligopeptides. <i>Journal of Physical Chemistry B</i> , 2004, 108, 704-714.	1.2	43
278	Synthesis, structure and electrochemistry of ferrocene-peptide macrocycles. <i>Dalton Transactions</i> , 2004, , 1726-1730.	1.6	38
279	Electrochemical Detection of Single-Nucleotide Mismatches: Application of M-DNA. <i>Analytical Chemistry</i> , 2004, 76, 4059-4065.	3.2	97
280	Bisglycine-substituted ferrocene conjugates. <i>Macromolecular Symposia</i> , 2004, 209, 177-184.	0.4	1
281	Synthesis and study of amino acid based phosphinite ligands. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 24-31.	0.8	31
282	Ferrocene-histidine conjugates: N-ferrocenyl-histidyl(imN-ferrocenyl)methylester: synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 32-37.	0.8	18
283	First zinc complex of an amino acid pyrazole conjugate: synthesis and crystal structure of {Zn[3-(Ac-Phe)-5-methyl-pyrazole]2}2(CIO4)4. <i>Inorganic Chemistry Communication</i> , 2003, 6, 666-669.	1.8	5
284	N-Ferrocenyl-labelled glutamate diethyl ester. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m1174-m1175.	0.2	2
285	A Comparison of Electron-Transfer Rates of Ferrocenyl-Linked DNA. <i>Journal of the American Chemical Society</i> , 2003, 125, 8724-8725.	6.6	93
286	Interaction of a Ferrocenyl-Modified Peptide with Papain: Toward Protein-Sensitive Electrochemical Probes. <i>Bioconjugate Chemistry</i> , 2003, 14, 601-606.	1.8	48
287	Electrochemical Investigations of M-DNA Self-Assembled Monolayers on Gold Electrodes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2291-2296.	1.2	54
288	AC Impedance Spectroscopy of Native DNA and M-DNA. <i>Biophysical Journal</i> , 2003, 84, 3218-3225.	0.2	94

#	ARTICLE	IF	CITATIONS
289	Interactions of ferrocenoyl-peptides in solution and on surfaces. <i>Macromolecular Symposia</i> , 2003, 196, 39-44.	0.4	11
290	M-DNA: A Self-Assembling Molecular Wire for Nanoelectronics and Biosensing.. <i>Analytical Sciences</i> , 2003, 19, 23-26.	0.8	46
291	Organization of Ferrocenoyl Amino Acids. , 2003, , 161-183.		2
292	Palladium and platinum complexes of L-PhePhos: Acetyl-p-(diphenylphosphino)-L-phenylalanine methyl ester— a chiral ligand for transition metal complexation. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1562-1567.	0.6	5
293	Ferrocenoyl glycylcystamine: organization into a supramolecular helicate structure. <i>Chemical Communications</i> , 2002, , 2430-2431.	2.2	32
294	Correlations between Cytotoxicity and Topography of Some 2-Arylidenebenzocycloalkanones Determined by X-ray Crystallography. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3103-3111.	2.9	89
295	Electron Transfer Studies on Self-Assembled Monolayers of Helical Ferrocenoyl-Oligoproline-Cystamine Bound to Gold. <i>ChemPhysChem</i> , 2002, 3, 356-359.	1.0	73
296	Cytotoxic 1,3-diarylidene-2-tetralones and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 813-824.	2.6	38
297	Synthesis and electrochemistry of 5-ferrocene-glucosamide, 5-ferrocene-glucosamide phosphate and 5-ferrocene-amido-5-adenosine in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 2002, 648, 81-86.	0.8	33
298	A Conformational and Structure-Activity Relationship Study of Cytotoxic 3,5-Bis(arylidene)-4-piperidones and Related N-Acryloyl Analogues. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 586-593.	2.9	200
299	Interaction of Ferrocenoyl-Dipeptides with 3-Aminopyrazole Derivatives: $\beta$ -Sheet Models? A Synthetic, Spectroscopic, Structural, and Electrochemical Study. <i>Inorganic Chemistry</i> , 2001, 40, 4409-4419.	1.9	71
300	Reaction of Aryl Iodides with (PCP)Pd(II)-Alkyl and Aryl Complexes: Mechanistic Aspects of Carbon-Carbon Bond Formation. <i>Israel Journal of Chemistry</i> , 2001, 41, 163-172.	1.0	41
301	Solvent effects on the redox properties of ferrocenoyl-dipeptides. <i>New Journal of Chemistry</i> , 2001, 25, 427-433.	1.4	31
302	Peptides mimicking the N-terminal Cu(II)-binding site of bovine serum albumin: synthesis, characterization and coordination with Cu(II) ions. <i>Journal of Inorganic Biochemistry</i> , 2001, 85, 23-32.	1.5	17
303	1,1'-Ferrocenoyl-oligoprolines. A synthetic, structural and electrochemical study. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 335-342.	0.8	68
304	Efficient synthesis of unsymmetrically disubstituted ferrocenes: towards electrochemical dipeptide-Fc-biosensors. <i>Tetrahedron Letters</i> , 2001, 42, 2601-2603.	0.7	48
305	Preparation of trichloro- and tribromocyclopentadienyltungsten(IV). <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 27-35.	0.8	2
306	P-C bond formation: synthesis of phosphino amino acids by palladium-catalysed cross-coupling. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1617-1621.	1.8	24

#	ARTICLE	IF	CITATIONS
307	M-DNA: pH Stability, Nuclease Resistance and Signal Transmission. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 297-301.	2.0	7
308	Synthesis and electrochemistry of ferrocenemethylamine and its conjugated acid. Crystal structure of ferrocenemethylammonium chloride. <i>Journal of Organometallic Chemistry</i> , 1999, 579, 222-226.	0.8	20
309	The ferrocene moiety as a structural probe: redox and structural properties of ferrocenoyl-oligoprolines Fc- $\text{Pron}$ -OBzl ( $n=1-4$ ) and Fc- $\text{Pro}_2$ - $\text{Phe}$ -OBzl. <i>Journal of Organometallic Chemistry</i> , 1999, 589, 38-49.	0.8	71
310	The interaction of ferrocenoyl peptides with 3-aminopyrazole. <i>Coordination Chemistry Reviews</i> , 1999, 190-192, 185-198.	9.5	29
311	Quenching studies of pyrenoyl glutamic acid derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 301-308.	0.9	3
312	Formation of organometallic hydroxo and oxo complexes by oxidation of transition metal hydrides in the presence of water. X-Ray structures of $[\text{CpMo}(\text{OH})(\text{PMe}_3)_3][\text{BF}_4]$ and $[\text{CpMo}(\text{O})(\text{PMe}_3)_2][\text{BF}_4]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 497-508.	1.1	13
313	Carbon-Carbon vs Carbon-Hydrogen Bond Activation by Ruthenium(II) and Platinum(II) in Solution. <i>Organometallics</i> , 1999, 18, 3873-3884.	1.1	81
314	Electrosynthesis of Mono- and Bisthianthrenium Salts 1a. <i>Journal of Organic Chemistry</i> , 1999, 64, 3342-3345.	1.7	24
315	The chemistry of dinitrato-2,2'-bipyridinecopper(II): preparation and characterization of binuclear complexes having a $\text{Cu}(\mu_4\text{-OH})_2\text{Cu}$ and $\text{Cu}(\mu_4\text{-N}_3)_2\text{Cu}$ core. <i>Inorganica Chimica Acta</i> , 1998, 278, 143-149.	1.2	24
316	Ferrocenic acid derivatives: towards rationalizing changes in the electronic and geometric structures. <i>Journal of Organometallic Chemistry</i> , 1998, 556, 11-20.	0.8	70
317	Redox chemistry of carbon-centered $\alpha$ -amino acid radicals. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2673-2676.	0.9	15
318	First mononuclear organometallics of MoII and MoIII containing terminal hydroxide ligands. X-Ray structure of $[\text{Mo}(\mu_5\text{-C}_5\text{H}_5)(\text{OH})(\text{PMe}_3)_3][\text{BF}_4]$ . <i>Chemical Communications</i> , 1997, , 889-890.	2.2	13
319	Ferrocenoyl Amino Acids: A Synthetic and Structural Study. <i>Inorganic Chemistry</i> , 1997, 36, 2400-2405.	1.9	139
320	Evidence for Direct <i>trans</i> -Insertion in a Hydrido-Olefin Rhodium Complex-Free Nitrogen as a Trap in a Migratory Insertion Process. <i>Chemistry - A European Journal</i> , 1997, 3, 253-260.	1.7	46
321	Synthesis and Properties of Cyclopentadienyl niobium(III) Complexes. A Magneto-Structural Correlation for 16-Electron Four-Legged Piano Stool Complexes. <i>Organometallics</i> , 1996, 15, 5489-5494.	1.1	9
322	Rhodium and Palladium Complexes of a 3,5-Lutidine-Based Phosphine Ligand. <i>Inorganic Chemistry</i> , 1996, 35, 1792-1797.	1.9	59
323	C-S Bond-Breaking and Bond-Making Reactions in Molybdenum and Tungsten Complexes. <i>ACS Symposium Series</i> , 1996, , 197-214.	0.5	3
324	Oxidation and Protonation of Transition Metal Hydrides: Role of an Added Base as Proton Shuttle and Nature of Protonated Water in Acetonitrile. <i>Inorganic Chemistry</i> , 1996, 35, 5154-5162.	1.9	47

#	ARTICLE	IF	CITATIONS
325	Activation of a non-strained C=C bond with platinum(II). <i>Chemical Communications</i> , 1996, , 2167-2168.	2.2	49
326	Cyclopentadienyltungsten(IV) chemistry: Synthesis and characterization of (η <sup>5</sup> -ring)W <sub>3</sub> (CO) <sub>2</sub> (ring η <sup>5</sup> -) Tj ETQq0 0,0 rgBT /Qverlock 10	1.0	8
327	Instability of 15-electron derivatives. X-ray structure of Cp <sup>+</sup> †MoCl <sub>2</sub> (PMe <sub>2</sub> Ph) <sub>2</sub> and [Cp <sup>+</sup> †MoCl <sub>2</sub> (PMe <sub>2</sub> Ph) <sub>2</sub> ]AlCl <sub>4</sub> . <i>Journal of Organometallic Chemistry</i> , 1995, 488, 29-38.	0.8	19
328	The reactions of tridentate cationic palladium(II) complexes with olefins and nucleophiles. <i>Journal of Organometallic Chemistry</i> , 1995, 488, 223-232.	0.8	32
329	Confacial bioctahedral complexes of molybdenum and tungsten. <i>Coordination Chemistry Reviews</i> , 1995, 143, 35-69.	9.5	13
330	Iridium-Silanol Complexes from Direct Oxidative Addition of Silanols to Ir(I). Synthesis and X-ray Structure of the First Metallosilanolate [(Et <sub>3</sub> P) <sub>2</sub> Ir(H)(Cl)(SiPr <sub>2</sub> OLi)] <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1995, 117, 5865-5866.	6.6	31
331	Designer Proteins: On the Art of Synthesizing De Novo Metalloproteins. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2055-2056.	4.4	9
332	Designer Proteine: ¼ber die Kunst, De novo Metalloproteine zu synthetisieren. <i>Angewandte Chemie</i> , 1994, 106, 2143-2144.	1.6	7
333	Cp <sup>+</sup> ...Mo-halide chemistry. Rapid halide scrambling during the conproportionation of Cp <sup>+</sup> ...Mo <sub>2</sub> Y <sub>4</sub> (Y = Cl, I) Tj ETQq1 1 0.784314	0.8	4
334	(Pentamethylcyclopentadienyl)molybdenum Bromides and Iodides. <i>Inorganic Chemistry</i> , 1994, 33, 3752-3769.	1.9	31
335	The Behavior of Cp*MoBr/Br <sub>2</sub> Redox Systems: The Unusual Structure of [(Cp* <sub>2</sub> Mo <sub>2</sub> Br <sub>4</sub> ) <sub>2</sub> (Cp*MoBr <sub>4</sub> ) <sub>3</sub> ], a Compound Containing MoIII, MoIV, and MoV. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1486-1488.	4.4	13
336	Synthesis and characterization of the molybdenum(IV) oxo-selenolate complex [MoO(Ph <sub>2</sub> P(O)CH <sub>2</sub> CH <sub>2</sub> P(Ph)CH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> )(Se-2,4,6-(CH <sub>3</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) <sub>2</sub> ]. <i>Polyhedron</i> , 1993, 12, 601-606.	1.0	11
337	The synthesis and characterization of W(SeMes) <sub>4</sub> ⊂THF (Mes = <i>mesityl</i> ): a possible homoleptic mononuclear tungsten selenolate. Its reaction with Cn <sup>t</sup> Bu to yield (tBuNC)(MesSe) <sub>2</sub> W(η <sup>5</sup> -Se) <sub>2</sub> W(SeMes) <sub>2</sub> (Cn <sup>t</sup> Bu). <i>Canadian Journal of Chemistry</i> , 1993, 71, 1437-1442.	0.6	4
338	Synthesis, characterization and electronic structure of trinuclear complexes possessing a hexathiolatomolybdenum(IV) or hexaselenolatotungsten(IV) core. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 433.	1.1	16
339	Redox chemistry of trinuclear complexes possessing a hexathiolatomolybdate(IV) core: in situ syntheses, characterization and geometry optimization. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1665.	1.1	5
340	Chemical shift range of thioether-bridged face-sharing bioctahedral complexes: a tungsten-183 NMR study. <i>Inorganic Chemistry</i> , 1993, 32, 3976-3979.	1.9	4
341	π-Acidity of thioethers and selenoethers: truth or fiction? A comparative density functional study. <i>Organometallics</i> , 1993, 12, 76-80.	1.1	56
342	Does OF <sub>2</sub> Form Stable Transition Metal Complexes?. A Density Functional Investigation of the System (OC) <sub>5</sub> Cr/OF <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 1348-1354.	0.3	2

#	ARTICLE	IF	CITATIONS
343	Dalton communications. Synthesis and crystal structure of $[W_2Se_2(PPh_2Me)_2(SePh)_4]$ : a complex having two co-ordinatively unsaturated metal centres. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3281.	1.1	7
344	A new look at an old ligand: surprises with thioethers. A density functional study. <i>Journal of the American Chemical Society</i> , 1992, 114, 7851-7860.	6.6	30
345	Heteronuclear transition metal-alkyne clusters. <i>Journal of Organometallic Chemistry</i> , 1990, 394, 167-175.	0.8	5
346	Synthesis and x-ray structure determination of $[PPh_4]_2[Cl_3W\{\mu-Se(Cl)\}(\mu-SePh)_2WCl_3]\cdot 2CH_2Cl_2$ : single-crystal ESR study of a mixed-oxidation-state binuclear tungsten(III)-tungsten(IV) complex dispersed in a diamagnetic crystal matrix. <i>Inorganic Chemistry</i> , 1990, 29, 3290-3293.	1.9	12
347	Metal-Assisted Peptide Organization: From Coordination Chemistry to De Novo Metalloproteins. , 0, , 192-197.		0
348	Toll-like receptors for pathogen detection in water: challenges and benefits. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-9.	1.8	4