

# Yang-Zhong Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8565799/publications.pdf>

Version: 2024-02-01

127  
papers

4,168  
citations

109137

35  
h-index

143772

57  
g-index

131  
all docs

131  
docs citations

131  
times ranked

4937  
citing authors

#	ARTICLE	IF	CITATIONS
1	<sup>19</sup> F NMR Allows the Investigation of the Fate of Platinum(IV) Prodrugs in Physiological Conditions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
2	<sup>19</sup> F NMR Allows the Investigation of the Fate of Platinum(IV) Prodrugs in Physiological Conditions. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
3	A low-swelling and toughened adhesive hydrogel with anti-microbial and hemostatic capacities for wound healing. <i>Journal of Materials Chemistry B</i> , 2022, 10, 915-926.	2.9	36
4	Oxygen Self-Supply Engineering Ferritin for the Relief of Hypoxia in Tumors and the Enhancement of Photodynamic Therapy Efficacy. <i>Small</i> , 2022, 18, e2200116.	5.2	63
5	Cuprous ions can disrupt the structure and functions of the RING finger domain of RNF11. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3820-3827.	3.0	2
6	Rapid desalting during electrospray ionization mass spectrometry for investigating protein-ligand interactions in the presence of concentrated salts. <i>Analytica Chimica Acta</i> , 2021, 1141, 120-126.	2.6	8
7	Nanobody—A versatile tool for cancer diagnosis and therapeutics. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1697.	3.3	64
8	Nucleocapsid protein preferentially binds the stem-loop of duplex/quadruplex hybrid that unfolds the quadruplex structure. <i>Chemical Communications</i> , 2021, 57, 5298-5301.	2.2	3
9	Manganese-deposited iron oxide promotes tumor-responsive ferroptosis that synergizes the apoptosis of cisplatin. <i>Theranostics</i> , 2021, 11, 5418-5429.	4.6	57
10	NMR structural study on the self-trimerization of d(GTTAGG) into a dynamic trimolecular G-quadruplex assembly preferentially in Na <sup>+</sup> solution with a moderate K <sup>+</sup> tolerance. <i>Nucleic Acids Research</i> , 2021, 49, 2306-2316.	6.5	4
11	Stimuli-Responsive Manganese Single-Atom Nanozyme for Tumor Therapy via Integrated Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9480-9488.	7.2	271
12	Stimuli-Responsive Manganese Single-Atom Nanozyme for Tumor Therapy via Integrated Cascade Reactions. <i>Angewandte Chemie</i> , 2021, 133, 9566-9574.	1.6	50
13	Diatom-like silica-protein nanocomposites for sustained drug delivery of ruthenium polypyridyl complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 221, 111489.	1.5	9
14	Hemin-Caged Ferritin Acting as a Peroxidase-like Nanozyme for the Selective Detection of Tumor Cells. <i>Inorganic Chemistry</i> , 2021, 60, 14515-14519.	1.9	18
15	Biocompatible Ruthenium Single-Atom Catalyst for Cascade Enzyme-Mimicking Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 45269-45278.	4.0	41
16	Conjugation of oxaliplatin with PEGylated-nanobody for enhancing tumor targeting and prolonging circulation. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111553.	1.5	13
17	NAMI-A preferentially reacts with the Sp1 protein: understanding the anti-metastasis effect of the drug. <i>Chemical Communications</i> , 2020, 56, 1397-1400.	2.2	13
18	Nitric oxide-releasing platinum( <sup>iv</sup> ) prodrug efficiently inhibits proliferation and metastasis of cancer cells. <i>Chemical Communications</i> , 2020, 56, 14051-14054.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Clustered nanobody“drug conjugates for targeted cancer therapy. <i>Chemical Communications</i> , 2020, 56, 9344-9347.	2.2	17
20	Cisplatin binds to the MDM2 RING finger domain and inhibits the ubiquitination activity. <i>Chemical Communications</i> , 2020, 56, 4599-4602.	2.2	8
21	A Dual Functional Nanoreactor for Synergistic Starvation and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18309-18318.	4.0	90
22	Nanobody“Ferritin Conjugate for Targeted Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 7442-7450.	1.7	31
23	Combating metastasis of breast cancer cells with a carboplatin analogue containing an all-trans retinoic acid ligand. <i>Dalton Transactions</i> , 2020, 49, 5039-5043.	1.6	2
24	A Nanobody“Conjugated DNA Nanoplatfom for Targeted Platinum“Drug Delivery. <i>Angewandte Chemie</i> , 2019, 131, 14362-14366.	1.6	21
25	A Nanobody“Conjugated DNA Nanoplatfom for Targeted Platinum“Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14224-14228.	7.2	135
26	Covalent versus Noncovalent Binding of Ruthenium $\text{Ir}^{\text{II}}$ $\text{p}^{\text{Cymene}}$ Complexes to Zinc“Finger Protein NCp7. <i>Chemistry - A European Journal</i> , 2019, 25, 12789-12794.	1.7	15
27	A dual functional ruthenium arene complex induces differentiation and apoptosis of acute promyelocytic leukemia cells. <i>Chemical Science</i> , 2019, 10, 9721-9728.	3.7	10
28	Cuprous binding promotes interaction of copper transport protein hCTR1 with cell membranes. <i>Chemical Communications</i> , 2019, 55, 11107-11110.	2.2	15
29	Cisplatin reacts with histone H1 and the adduct forms a ternary complex with DNA. <i>Metallomics</i> , 2019, 11, 556-564.	1.0	14
30	Ultrafast Microelectrophoresis: Behind Direct Mass Spectrometry Measurements of Proteins and Metabolites in Living Cell/Cells. <i>Analytical Chemistry</i> , 2019, 91, 10441-10447.	3.2	14
31	Charge“dependent modulation of specific and nonspecific protein“metal ion interactions in nanoelectrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1502-1511.	0.7	4
32	Reaction of Histone H1 with <i>trans</i> -Platinum Complexes and the Effect on DNA Platination. <i>Inorganic Chemistry</i> , 2019, 58, 6485-6494.	1.9	2
33	The facile and visualizable identification of broad-spectrum inhibitors of MDM2/p53 using co-expressed protein complexes. <i>Analyst</i> , 2019, 144, 3773-3781.	1.7	1
34	Substrate Metabolism-Driven Assembly of High-Quality CdS“Se“Quantum Dots in <i>Escherichia coli</i> : Molecular Mechanisms and Bioimaging Application. <i>ACS Nano</i> , 2019, 13, 5841-5851.	7.3	45
35	Modular design of nanobody“drug conjugates for targeted-delivery of platinum anticancer drugs with an MRI contrast agent. <i>Chemical Communications</i> , 2019, 55, 5175-5178.	2.2	30
36	New NSAID-Pt(IV) prodrugs to suppress metastasis and invasion of tumor cells and enhance anti-tumor effect <i>in vitro</i> and <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 377-387.	2.6	45

#	ARTICLE	IF	CITATIONS
37	Desulfurization by liquid phase adsorption: Role of exposed metal sites in metal-organic frameworks. <i>Journal of Molecular Structure</i> , 2019, 1184, 163-167.	1.8	5
38	Charge-Selective Delivery of Proteins Using Mesoporous Silica Nanoparticles Fused with Lipid Bilayers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 3645-3653.	4.0	30
39	Tetrathiomolybdate induces dimerization of the metal-binding domain of ATPase and inhibits platination of the protein. <i>Nature Communications</i> , 2019, 10, 186.	5.8	34
40	A surface-display biohybrid approach to light-driven hydrogen production in air. <i>Science Advances</i> , 2018, 4, eaap9253.	4.7	125
41	Differential Reactivity of Metal Binding Domains of Copper ATPases towards Cisplatin and Colocalization of Copper and Platinum. <i>Chemistry - A European Journal</i> , 2018, 24, 8999-9003.	1.7	10
42	Tetrathiomolybdate inhibits the reaction of cisplatin with human copper chaperone Atox1. <i>Metallomics</i> , 2018, 10, 745-750.	1.0	10
43	Transglutaminase mediated PEGylation of nanobodies for targeted nano-drug delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1011-1017.	2.9	32
44	In Situ Living Cell Protein Analysis by Single-Step Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 3409-3415.	3.2	31
45	Arsenic trioxide preferentially binds to the ring finger protein PML: understanding target selection of the drug. <i>Metallomics</i> , 2018, 10, 1564-1569.	1.0	17
46	Selective Targeting of the Zinc Finger Domain of HIV Nucleocapsid Protein NCp7 with Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 19146-19151.	1.7	11
47	Multifunctional platinum-based nanoparticles for biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1410.	3.3	50
48	Cisplatin Preferentially Binds to Zinc Finger Proteins Containing C3H1 or C4 Motifs. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1778-1784.	1.0	16
49	A sustainable biogenic route to synthesize quantum dots with tunable fluorescence properties for live cell imaging. <i>Biochemical Engineering Journal</i> , 2017, 124, 130-137.	1.8	22
50	Deciphering of interactions between platinated DNA and HMGB1 by hydrogen/deuterium exchange mass spectrometry. <i>Dalton Transactions</i> , 2017, 46, 6187-6195.	1.6	3
51	Co-delivery of all-trans-retinoic acid enhances the anti-metastasis effect of albumin-bound paclitaxel nanoparticles. <i>Chemical Communications</i> , 2017, 53, 212-215.	2.2	26
52	Protein-protein interaction analysis in crude bacterial lysates using combinational method of <sup>19</sup> F site-specific incorporation and <sup>19</sup> F NMR. <i>Protein and Cell</i> , 2017, 8, 149-154.	4.8	6
53	Platinum transfer from hCTR1 to Atox1 is dependent on the type of platinum complex. <i>Metallomics</i> , 2017, 9, 546-555.	1.0	4
54	Interactions between human copper chaperone Atox1 and cisplatin, carboplatin, nedaplatin and oxaliplatin studied by ESI mass spectrometry. <i>Inorganic Chemistry Communication</i> , 2017, 86, 82-86.	1.8	2

#	ARTICLE	IF	CITATIONS
55	The Effect of Salts in Promoting Specific and Competitive Interactions between Zinc Finger Proteins and Metals. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2658-2664.	1.2	4
56	Copper-finger protein of Sp1: the molecular basis of copper sensing. <i>Metallomics</i> , 2017, 9, 1169-1175.	1.0	28
57	Improved chemical synthesis of o-nitrobenzyl-tyrosine for concise site-specific 15 N-tyrosine NMR analysis demonstrated by plant ABA receptor PYL10. <i>Tetrahedron Letters</i> , 2017, 58, 3764-3767.	0.7	2
58	A comparative study on the interactions of human copper chaperone Cox17 with anticancer organoruthenium(II) complexes and cisplatin by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 99-106.	1.5	4
59	Asplatin enhances drug efficacy by altering the cellular response. <i>Metallomics</i> , 2016, 8, 672-678.	1.0	38
60	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. <i>Biomaterials</i> , 2016, 94, 9-19.	5.7	47
61	Binding States of Protein-Metal Complexes in Cells. <i>Analytical Chemistry</i> , 2016, 88, 10860-10866.	3.2	28
62	A dual-fluorescent nano-carrier for delivering photoactive ruthenium polypyridyl complexes. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4746-4753.	2.9	28
63	Effects of Buffers and pH on the Reaction of a <i>trans</i> -Platinum Complex with 5'-Guanosine Monophosphate. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4914-4920.	1.0	4
64	Human Serum Albumin Conjugated Nanoparticles for pH and Redox-Responsive Delivery of a Prodrug of Cisplatin. <i>Chemistry - A European Journal</i> , 2015, 21, 16547-16554.	1.7	50
65	Glutathione selectively modulates the binding of platinum drugs to human copper chaperone Cox17. <i>Biochemical Journal</i> , 2015, 472, 217-223.	1.7	16
66	Magnetic solid-phase extraction of trace-level mercury(II) ions using magnetic core-shell nanoparticles modified with thiourea-derived chelating agents. <i>Mikrochimica Acta</i> , 2015, 182, 1337-1344.	2.5	33
67	The reaction of a platinated methionine motif of CTR1 with cysteine and histidine is dependent upon the type of precursor platinum complex. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 239-246.	1.5	7
68	A versatile pH-responsive platform for intracellular protein delivery using calcium phosphate nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9115-9121.	2.9	19
69	Oral delivery of a platinum anticancer drug using lipid assisted polymeric nanoparticles. <i>Chemical Communications</i> , 2015, 51, 17536-17539.	2.2	43
70	A cell-penetrating protein designed for bimodal fluorescence and magnetic resonance imaging. <i>Chemical Science</i> , 2015, 6, 6607-6613.	3.7	23
71	The preparation and catalytic property of palladium chloride catalyst supported on organo-inorganic hybrid nanorods. <i>Inorganic Chemistry Communication</i> , 2015, 51, 103-105.	1.8	7
72	A Turn-Off Fluorescent Nanosensor for Iron in Aqueous Solution Based on Fluorescent Carbon Nanoparticles. <i>Nano LIFE</i> , 2014, 04, 1441011.	0.6	1

#	ARTICLE	IF	CITATIONS
73	Rational Design of Polyion Complex Nanoparticles to Overcome Cisplatin Resistance in Cancer Therapy. <i>Advanced Materials</i> , 2014, 26, 931-936.	11.1	134
74	Cisplatin binds to human copper chaperone Cox17: the mechanistic implication of drug delivery to mitochondria. <i>Chemical Communications</i> , 2014, 50, 2667-2669.	2.2	35
75	Copper binding modulates the platination of human copper chaperone Atox1 by antitumor trans-platinum complexes. <i>Metallomics</i> , 2014, 6, 491-497.	1.0	13
76	The ligation of aspirin to cisplatin demonstrates significant synergistic effects on tumor cells. <i>Chemical Communications</i> , 2014, 50, 7427-7430.	2.2	164
77	Transporting platinum drugs from a copper chaperone to ATPase: the mechanistic implication of drug efflux mediated cisplatin resistance. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 149.	3.0	12
78	Conserved residues that modulate protein <i>trans</i> -splicing of <i>Npu</i> DnaE split intein. <i>Biochemical Journal</i> , 2014, 461, 247-255.	1.7	11
79	A General Chemiluminescence Strategy for Measuring Aptamer-Target Binding and Target Concentration. <i>Analytical Chemistry</i> , 2014, 86, 5559-5566.	3.2	36
80	The Reaction of Arsenite with Proteins Relies on Solution Conditions. <i>Inorganic Chemistry</i> , 2014, 53, 3054-3061.	1.9	13
81	Conserved residue modulates copper-binding properties through structural dynamics in human copper chaperone Atox1. <i>Metallomics</i> , 2013, 5, 1566.	1.0	6
82	PtCl <sub>2</sub> (phen) disrupts the metal ions binding to amyloid- $\beta$ peptide. <i>Metallomics</i> , 2013, 5, 879.	1.0	33
83	Unexpected helicity control and helix inversion: homochiral helical nanotubes consisting of an achiral ligand. <i>Chemical Communications</i> , 2013, 49, 8220.	2.2	11
84	Chemical and cellular investigations of trans-ammine-pyridine-dichlorido-platinum(II), the likely metabolite of the antitumor active cis-diammine-pyridine-chlorido-platinum(II). <i>Journal of Inorganic Biochemistry</i> , 2013, 129, 15-22.	1.5	14
85	Tris-(2-carboxyethyl) phosphine significantly promotes the reaction of cisplatin with Sp1 zinc finger protein. <i>Chemical Communications</i> , 2013, 49, 1226.	2.2	27
86	Interaction between Platinum Complexes and the C-Terminal Motif of Human Copper Transporter 1. <i>Inorganic Chemistry</i> , 2013, 52, 6153-6159.	1.9	7
87	Copper binding promotes the interaction of cisplatin with human copper chaperone Atox1. <i>Chemical Communications</i> , 2013, 49, 11197.	2.2	39
88	Mutual synergistic protein folding in split intein. <i>Bioscience Reports</i> , 2012, 32, 433-442.	1.1	19
89	<i>Trans</i> -Platinum/Thiazole Complex Interferes with Sp1 Zinc-Finger Protein. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12258-12262.	7.2	33
90	Selectivity of arsenite interaction with zinc finger proteins. <i>Metallomics</i> , 2012, 4, 988.	1.0	31

#	ARTICLE	IF	CITATIONS
91	A novel fluorescent probe for Au(III)/Au(I) ions based on an intramolecular hydroamination of a Bodipy derivative and its application to bioimaging. <i>Chemical Communications</i> , 2012, 48, 744-746.	2.2	87
92	Copper(I) coordination polymers of 2,2'-dipyridylamine derivatives: syntheses, structures, and luminescence. <i>Dalton Transactions</i> , 2012, 41, 5280.	1.6	60
93	Combating the Drug Resistance of Cisplatin Using a Platinum Prodrug Based Delivery System. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6742-6747.	7.2	199
94	Synthesis of a ratiometric fluorescent peptide sensor for the highly selective detection of Cd <sup>2+</sup> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4014-4017.	1.0	59
95	Self-assembled hetero-bimetallic sandwich with Ag-Ag bridging using a flexible two-arm ferrocene amide linker. <i>Journal of Molecular Structure</i> , 2012, 1011, 76-80.	1.8	3
96	Cisplatin Inhibits Protein Splicing, Suggesting Inteins as Therapeutic Targets in Mycobacteria. <i>Journal of Biological Chemistry</i> , 2011, 286, 1277-1282.	1.6	43
97	Effect of Thioethers on DNA Platination by trans-Platinum Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 8168-8176.	1.9	17
98	K <sup>a</sup> Coupling at the Intein Active Site: Implications for the Coordination Mechanism of Protein Splicing with a Conserved Aspartate. <i>Journal of the American Chemical Society</i> , 2011, 133, 10275-10282.	6.6	45
99	Identification of [PtCl <sub>2</sub> (phen)] Binding Modes in Amyloid <sup>β</sup> Peptide and the Mechanism of Aggregation Inhibition. <i>Chemistry - A European Journal</i> , 2011, 17, 11657-11666.	1.7	65
100	XAFS Study of Coordination Structure of Cu(L-His) <sub>2</sub> in Solution. <i>Chinese Journal of Chemical Physics</i> , 2011, 24, 451-456.	0.6	6
101	Binding and Inhibition of Copper Ions to RecA Inteins from <i>Mycobacterium tuberculosis</i> . <i>Chemistry - A European Journal</i> , 2010, 16, 4297-4306.	1.7	24
102	Solvent-induced two heterometallic coordination polymers based on a flexible ferrocenyl ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 19-21.	1.8	9
103	Gold nanorods for platinum based prodrug delivery. <i>Chemical Communications</i> , 2010, 46, 8424.	2.2	94
104	Silver Coordination Polymers Based on Neutral Trinitrile Ligand: Topology and the Role of Anion. <i>Crystal Growth and Design</i> , 2010, 10, 3964-3976.	1.4	68
105	Backbone Dynamics and Global Effects of an Activating Mutation in Minimized Mtu RecA Inteins. <i>Journal of Molecular Biology</i> , 2010, 400, 755-767.	2.0	23
106	Heterobimetallic Metal-Complex Assemblies Constructed from the Flexible Arm-Like Ligand 1,1'-Bis[(3-pyridylamino)carbonyl]ferrocene: Structural Versatility in the Solid State. <i>Inorganic Chemistry</i> , 2010, 49, 1834-1848.	1.9	37
107	Thioether binding mediates monofunctional platinum antitumor reagents to trans configuration in DNA interactions. <i>Chemical Communications</i> , 2010, 46, 6938.	2.2	26
108	Methionine Can Favor DNA Platination by trans-Coordinated Platinum Antitumor Drugs. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8497-8500.	7.2	50

#	ARTICLE	IF	CITATIONS
109	Cytotoxic trans-oriented iminoether platinum complexes – Kinetics of binding to DNA oligonucleotides determined by <sup>15</sup> N NMR spectroscopy. <i>Inorganica Chimica Acta</i> , 2009, 362, 907-914.	1.2	3
110	<sup>1</sup> H NMR study of the effect of variable ligand on heme oxygenase electronic and molecular structure. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 10-19.	1.5	5
111	Highly Conserved Histidine Plays a Dual Catalytic Role in Protein Splicing: A pK <sub>a</sub> Shift Mechanism. <i>Journal of the American Chemical Society</i> , 2009, 131, 11581-11589.	6.6	62
112	Metal ions binding to recA inteins from <i>Mycobacterium tuberculosis</i> . <i>Molecular BioSystems</i> , 2009, 5, 644.	2.9	24
113	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N NMR assignments of an engineered intein based on <i>Mycobacterium tuberculosis</i> RecA. <i>Biomolecular NMR Assignments</i> , 2008, 2, 111-113.	0.4	12
114	Self-assembled hetero-bimetallic coordination cage and cation-clusters with $\mu_2$ -Cl bridging using a flexible two-arm ferrocene amide linker. <i>Dalton Transactions</i> , 2007, , 3390.	1.6	20
115	Self-Assembly of Silver(I) Coordination Polymers from AgX (X = BF <sub>4</sub> <sup>-</sup> , Tj ETQq1 1 0.784314 rgBT / Over The Templating Effect of Anions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3868-3880.	1.0	34
116	Surface Plasmon Resonance and Nuclear Magnetic Resonance Studies of ABAD <sup>+</sup> Interaction. <i>Biochemistry</i> , 2007, 46, 1724-1731.	1.2	67
117	<sup>1</sup> H NMR Study of the Influence of Hemin Vinyl <sup>+</sup> Methyl Substitution on the Interaction between the C-Terminus and Substrate and the –Aging– of the Heme Oxygenase from <i>Neisseria meningitidis</i> : <sup>+</sup> Induction of Active Site Structural Heterogeneity by a Two-Fold Symmetric Hemin. <i>Biochemistry</i> , 2006, 45, 13875-13888.	1.2	8
118	<sup>1</sup> H NMR Study of the Magnetic Properties and Electronic Structure of the Hydroxide Complex of Substrate-bound Heme Oxygenase from <i>Neisseria Meningitidis</i> : <sup>+</sup> Influence of the Axial Water Deprotonation on the Distal H-bond Network. <i>Journal of the American Chemical Society</i> , 2006, 128, 6657-6668.	6.6	14
119	Modulation of the Axial Water Hydrogen-Bonding Properties by Chemical Modification of the Substrate in Resting State, Substrate-Bound Heme Oxygenase from <i>Neisseria meningitidis</i> ; Coupling to the Distal H-Bond Network via Ordered Water Molecules. <i>Journal of the American Chemical Society</i> , 2006, 128, 6391-6399.	6.6	17
120	Characterization of the Spontaneous –Aging– of the Heme Oxygenase from the Pathological Bacterium <i>Neisseria meningitidis</i> via Cleavage of the C-Terminus in Contact with the Substrate. Implications for Functional Studies and the Crystal Structure. <i>Biochemistry</i> , 2006, 45, 3875-3886.	1.2	9
121	Solution <sup>1</sup> H NMR Characterization of the Distal H-Bond Network and the Effective Axial Field in the Resting-State, High-Spin Ferric, Substrate-Bound Complex of Heme Oxygenase from <i>N. meningitidis</i> . <i>Journal of the American Chemical Society</i> , 2005, 127, 6409-6422.	6.6	16
122	<sup>1</sup> H NMR Characterization of the Solution Active Site Structure of Substrate-Bound, Cyanide-Inhibited Heme Oxygenase from <i>Neisseria meningitidis</i> : <sup>+</sup> A Comparison to Crystal Structures. <i>Biochemistry</i> , 2004, 43, 10112-10126.	1.2	25
123	Interaction between macrocyclic nickel complexes and the nucleotides GMP, AMP and ApG. <i>Journal of Inorganic Biochemistry</i> , 2003, 93, 190-196.	1.5	11
124	Formation of Adenine <sup>+</sup> N <sub>3</sub> /Guanine <sup>+</sup> N <sub>7</sub> Cross-Link in the Reaction of trans-Oriented Platinum Substrates with Dinucleotides. <i>Journal of the American Chemical Society</i> , 2002, 124, 12854-12862.	6.6	45
125	Kinetic study of the reaction between an antitumor <sup>15</sup> N labeled trans-platinum iminoether complex and GMP by [ <sup>1</sup> H, <sup>15</sup> N] HMQC NMR. <i>Dalton Transactions RSC</i> , 2002, , 3489.	2.3	21
126	Antitumor trans Platinum Complexes can Form Cross-Links with Adjacent Purine Groups. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1226-1228.	7.2	22



#	ARTICLE	IF	CITATIONS
127	Antitumor Trans Platinum Adducts of GMP and AMP. <i>Metal-Based Drugs</i> , 2000, 7, 169-176.	3.8	13