

# Mi Hee Lim

## List of Publications by Year in descending order

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156  
papers

10,714  
citations

36203

51  
h-index

33814

99  
g-index

179  
all docs

179  
docs citations

179  
times ranked

10148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circularly Polarized Light Can Override and Amplify Asymmetry in Supramolecular Helices. <i>Journal of the American Chemical Society</i> , 2022, 144, 2657-2666.	6.6	20
2	Conformational and functional changes of the native neuropeptide somatostatin occur in the presence of copper and amyloid- $\beta^2$ . <i>Nature Chemistry</i> , 2022, 14, 1021-1030.	6.6	7
3	A Glycosylated Prodrug to Attenuate Neuroinflammation and Improve Cognitive Deficits in Alzheimer's Disease Transgenic Mice. <i>Molecular Pharmaceutics</i> , 2021, 18, 101-112.	2.3	8
4	<i>Metalloneurochemistry.</i> , 2021, , 994-1015.		0
5	Impact of sphingosine and acetylsphingosines on the aggregation and toxicity of metal-free and metal-treated amyloid- $\beta^2$ . <i>Chemical Science</i> , 2021, 12, 2456-2466.	3.7	9
6	A multi-functional picolinohydrazide-based chemosensor for colorimetric detection of iron and dual responsive detection of hypochlorite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118899.	2.0	14
7	Distinct impact of glycation towards the aggregation and toxicity of murine and human amyloid- $\beta^2$ . <i>Chemical Communications</i> , 2021, 57, 7637-7640.	2.2	2
8	Celebrating the 75 <sup>th</sup> Anniversary of the Korean Chemical Society. <i>Chemical Communications</i> , 2021, 57, 10660-10660.	2.2	0
9	Complexation of <i>C</i> -Functionalized Cyclams with Copper(II) and Zinc(II): Similarities and Changes When Compared to Parent Cyclam Analogues. <i>Inorganic Chemistry</i> , 2021, 60, 10857-10872.	1.9	10
10	Redox Properties of Small Molecules Essential for Multiple Reactivities with Pathological Factors in Alzheimer's Disease. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 1272-1280.	1.0	8
11	Drug repurposing: small molecules against Cu(II)-amyloid- $\beta^2$ and free radicals. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111592.	1.5	5
12	Reactivity of Flavonoids Containing a Catechol or Pyrogallol Moiety with Metal-Free and Metal-Associated Amyloid- $\beta^2$ . <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 17-24.	1.0	10
13	Mechanistic Insight into the Design of Chemical Tools to Control Multiple Pathogenic Features in Alzheimer's Disease. <i>Accounts of Chemical Research</i> , 2021, 54, 3930-3940.	7.6	33
14	Synaptic Copper, Amyloid- $\beta^2$ , and Neurotransmitters in Alzheimer's Disease. <i>Biochemistry</i> , 2020, 59, 15-17.	1.2	26
15	A rhodanine-based fluorescent chemosensor for sensing Zn <sup>2+</sup> and Cd <sup>2+</sup> : Applications to water sample and cell imaging. <i>Inorganica Chimica Acta</i> , 2020, 513, 119936.	1.2	17
16	Key Physicochemical and Biological Factors of the Phase Behavior of Tau. <i>CheM</i> , 2020, 6, 2924-2963.	5.8	13
17	Sequential Connection of Mutually Exclusive Catalytic Reactions by a Method Controlling the Presence of an MOF Catalyst: One-Pot Oxidation of Alcohols to Carboxylic Acids. <i>Inorganic Chemistry</i> , 2020, 59, 17573-17582.	1.9	19
18	Ratiometric fluorescence In <sup>3+</sup> sensing via In <sup>3+</sup> -triggered tautomerization: Its applications to water samples, live cells and zebrafish. <i>Dyes and Pigments</i> , 2020, 183, 108704.	2.0	8

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19	Mechanistic insight into hydroxamate transfer reaction mimicking the inhibition of zinc-containing enzymes. <i>Chemical Science</i> , 2020, 11, 9017-9021.	3.7	2
20	Multiple reactivities of flavonoids towards pathological elements in Alzheimer's disease: structure-activity relationship. <i>Chemical Science</i> , 2020, 11, 10243-10254.	3.7	22
21	Reactivities of cyclam derivatives with metal-amyloid- $\beta$ . <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4222-4238.	3.0	10
22	A thiourea-based fluorescent chemosensor for bioimaging hypochlorite. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 436-441.	2.9	19
23	Mechanistic approaches for chemically modifying the coordination sphere of copper-amyloid- $\beta$ complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5160-5167.	3.3	24
24	Minimalistic Principles for Designing Small Molecules with Multiple Reactivities against Pathological Factors in Dementia. <i>Journal of the American Chemical Society</i> , 2020, 142, 8183-8193.	6.6	23
25	Development of Multifunctional Molecules as Potential Therapeutic Candidates for Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis in the Last Decade. <i>Chemical Reviews</i> , 2019, 119, 1221-1322.	23.0	360
26	Diverse Structural Conversion and Aggregation Pathways of Alzheimer's Amyloid- $\beta$ (1-40). <i>ACS Nano</i> , 2019, 13, 8766-8783.	7.3	33
27	The central role of the d-block metals in the periodic table. <i>Dalton Transactions</i> , 2019, 48, 9405-9407.	1.6	2
28	Monitoring metal-amyloid- $\beta$ complexation by a FRET-based probe: design, detection, and inhibitor screening. <i>Chemical Science</i> , 2019, 10, 1000-1007.	3.7	13
29	Metals in Biology: From Metallomics to Trafficking. <i>Inorganic Chemistry</i> , 2019, 58, 13505-13508.	1.9	17
30	N,N'-Diacetyl-p-phenylenediamine restores microglial phagocytosis and improves cognitive defects in Alzheimer's disease transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23426-23436.	3.3	34
31	A multiple target chemosensor for the sequential fluorescence detection of Zn <sup>2+</sup> and S <sup>2-</sup> and the colorimetric detection of Fe <sup>3+</sup> in aqueous media and living cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 166-176.	1.6	22
32	A dual-response sensor based on NBD for the highly selective determination of sulfide in living cells and zebrafish. <i>New Journal of Chemistry</i> , 2019, 43, 4029-4035.	1.4	13
33	Intertwined Pathologies of Amyloid- $\beta$ and Metal Ions in Alzheimer's Disease: Metal-Amyloid- $\beta$ . <i>Chemistry Letters</i> , 2019, 48, 951-960.	0.7	14
34	Chemical strategies to modify amyloidogenic peptides using iridium(III) complexes: coordination and photo-induced oxidation. <i>Chemical Science</i> , 2019, 10, 6855-6862.	3.7	20
35	Orobol: An Isoflavone Exhibiting Regulatory Multifunctionality against Four Pathological Features of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3386-3390.	1.7	18
36	Tunable regulatory activities of 1,10-phenanthroline derivatives towards acid sphingomyelinase and Zn-amyloid- $\beta$ . <i>Chemical Communications</i> , 2019, 55, 5847-5850.	2.2	5

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37	Fluorescent determination of zinc by a quinoline-based chemosensor in aqueous media and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 74-82.	2.0	45
38	Relay detection of Zn <sup>2+</sup> and S <sup>2-</sup> by a quinoline-based fluorescent chemosensor in aqueous media and zebrafish. <i>Dyes and Pigments</i> , 2019, 165, 264-272.	2.0	30
39	Metal ions and degenerative diseases. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 1137-1139.	1.1	12
40	A Novel Thiophene-Based Fluorescent Chemosensor for the Detection of Zn <sup>2+</sup> and CN <sup>-</sup> : Imaging Applications in Live Cells and Zebrafish. <i>Sensors</i> , 2019, 19, 5458.	2.1	18
41	Strategies Employing Transition Metal Complexes To Modulate Amyloid- $\beta$ Aggregation. <i>Inorganic Chemistry</i> , 2019, 58, 8-17.	1.9	43
42	A fluorescent and colorimetric Schiff base chemosensor for the detection of Zn <sup>2+</sup> and Cu <sup>2+</sup> : Application in live cell imaging and colorimetric test kit. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 34-43.	2.0	33
43	A near-infrared fluorescent probe for amyloid- $\beta$ aggregates. <i>Dyes and Pigments</i> , 2019, 162, 97-103.	2.0	10
44	A novel "off-on" type fluorescent chemosensor for detection of Zn <sup>2+</sup> and its zinc complex for "on-off" fluorescent sensing of sulfide in aqueous solution, in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 58-69.	4.0	59
45	A water-soluble fluorescence chemosensor for the sequential detection of Zn <sup>2+</sup> and pyrophosphate in living cells and zebrafish. <i>Dyes and Pigments</i> , 2018, 152, 131-138.	2.0	55
46	Tuning Structures and Properties for Developing Novel Chemical Tools toward Distinct Pathogenic Elements in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2018, 9, 800-808.	1.7	25
47	Fluorescent Sensor for Sequentially Monitoring Zinc(II) and Cyanide Anion in Near-Perfect Aqueous Media. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 54-62.	1.8	38
48	Link of impaired metal ion homeostasis to mitochondrial dysfunction in neurons. <i>Current Opinion in Chemical Biology</i> , 2018, 43, 8-14.	2.8	55
49	A highly sensitive and selective fluorescent chemosensor for the sequential recognition of Zn <sup>2+</sup> and S <sup>2-</sup> in living cells and aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3108-3116.	4.0	37
50	Advanced Electron Paramagnetic Resonance Studies of a Ternary Complex of Copper, Amyloid- $\beta$ , and a Chemical Regulator. <i>Inorganic Chemistry</i> , 2018, 57, 12665-12670.	1.9	3
51	Detection of Zinc(II) by a Fluorescence Chemosensor Based on Benzofuran in Aqueous Media and Live Cells. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1373-1379.	1.0	6
52	Regulatory Activities of Dopamine and Its Derivatives toward Metal-Free and Metal-Induced Amyloid- $\beta$ Aggregation, Oxidative Stress, and Inflammation in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2655-2666.	1.7	62
53	Tailoring Hydrophobic Interactions between Probes and Amyloid- $\beta$ Peptides for Fluorescent Monitoring of Amyloid- $\beta$ Aggregation. <i>ACS Omega</i> , 2018, 3, 5141-5154.	1.6	7
54	Calprotectin influences the aggregation of metal-free and metal-bound amyloid- $\beta$ by direct interaction. <i>Metallomics</i> , 2018, 10, 1116-1127.	1.0	10

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55	A highly selective turn-on chemosensor for Zn <sup>2+</sup> in aqueous media and living cells. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 1045-1053.	4.0	33
56	Mechanistic Insights into Tunable Metal-Mediated Hydrolysis of Amyloid- $\beta^2$ Peptides. <i>Journal of the American Chemical Society</i> , 2017, 139, 2234-2244.	6.6	55
57	Reduced Lipid Bilayer Thickness Regulates the Aggregation and Cytotoxicity of Amyloid- $\beta^2$ . <i>Journal of Biological Chemistry</i> , 2017, 292, 4638-4650.	1.6	145
58	A zinc fluorescent sensor used to detect mercury (II) and hydrosulfide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 203-211.	2.0	14
59	Strategic Design of 2,2'-Bipyridine Derivatives to Modulate Metal- $\beta^2$ Amyloid- $\beta^2$ Aggregation. <i>Inorganic Chemistry</i> , 2017, 56, 6695-6705.	1.9	16
60	Colorimetric detection of Fe <sup>3+</sup> and Fe <sup>2+</sup> and sequential fluorescent detection of Al <sup>3+</sup> and pyrophosphate by an imidazole-based chemosensor in a near-perfect aqueous solution. <i>Dyes and Pigments</i> , 2017, 139, 136-147.	2.0	99
61	Stereochemistry of metal tetramethylcyclam complexes directed by an unexpected anion effect. <i>Dalton Transactions</i> , 2017, 46, 13166-13170.	1.6	10
62	A single fluorescent chemosensor for multiple targets of Cu <sup>2+</sup> , Fe <sup>2+/3+</sup> and Al <sup>3+</sup> in living cells and a near-perfect aqueous solution. <i>RSC Advances</i> , 2017, 7, 28723-28732.	1.7	38
63	Thiophene and diethylaminophenol-based "turn-on" fluorescence chemosensor for detection of Al <sup>3+</sup> and F <sup>-</sup> in a near-perfect aqueous solution. <i>Tetrahedron</i> , 2017, 73, 2690-2697.	1.0	45
64	Structural and Mechanistic Insights into Development of Chemical Tools to Control Individual and Inter-Related Pathological Features in Alzheimer's Disease. <i>Chemistry - A European Journal</i> , 2017, 23, 2706-2715.	1.7	25
65	Genetically Encodable Bacterial Flavin Transferase for Fluorogenic Protein Modification in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2017, 6, 667-677.	1.9	7
66	Molecular Insights into Human Serum Albumin as a Receptor of Amyloid- $\beta^2$ in the Extracellular Region. <i>Journal of the American Chemical Society</i> , 2017, 139, 15437-15445.	6.6	61
67	Single fluorescent chemosensor for multiple targets: sequential detection of Al <sup>3+</sup> and pyrophosphate and selective detection of F <sup>-</sup> in near-perfect aqueous solution. <i>New Journal of Chemistry</i> , 2017, 41, 15590-15600.	1.4	43
68	Minor Structural Variations of Small Molecules Tune Regulatory Activities toward Pathological Factors in Alzheimer's Disease. <i>ChemMedChem</i> , 2017, 12, 1828-1838.	1.6	13
69	Towards an understanding of amyloid- $\beta^2$ oligomers: characterization, toxicity mechanisms, and inhibitors. <i>Chemical Society Reviews</i> , 2017, 46, 310-323.	18.7	405
70	An Iridium(III) Complex as a Photoactivatable Tool for Oxidation of Amyloidogenic Peptides with Subsequent Modulation of Peptide Aggregation. <i>Chemistry - A European Journal</i> , 2017, 23, 1645-1653.	1.7	33
71	Multi-target-directed phenol-triazole ligands as therapeutic agents for Alzheimer's disease. <i>Chemical Science</i> , 2017, 8, 5636-5643.	3.7	79
72	Structure and assembly mechanisms of toxic human islet amyloid polypeptide oligomers associated with copper. <i>Chemical Science</i> , 2016, 7, 5398-5406.	3.7	38

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73	A fluorescent chemosensor for Al <sup>3+</sup> based on julolidine and tryptophan moieties. <i>Tetrahedron</i> , 2016, 72, 1998-2005.	1.0	28
74	Multifunctional quinoline-triazole derivatives as potential modulators of amyloid- $\beta$ peptide aggregation. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 131-138.	1.5	25
75	Importance of the Dimethylamino Functionality on a Multifunctional Framework for Regulating Metals, Amyloid- $\beta$ , and Oxidative Stress in Alzheimer's Disease. <i>Inorganic Chemistry</i> , 2016, 55, 5000-5013.	1.9	19
76	Endoplasmic Reticulum-Localized Iridium(III) Complexes as Efficient Photodynamic Therapy Agents via Protein Modifications. <i>Journal of the American Chemical Society</i> , 2016, 138, 10968-10977.	6.6	330
77	A highly selective fluorescent sensor for the detection of Al <sup>3+</sup> and CN <sup>-</sup> in aqueous solution: biological applications and DFT calculations. <i>New Journal of Chemistry</i> , 2016, 40, 8918-8927.	1.4	34
78	Structure-mechanism-based engineering of chemical regulators targeting distinct pathological factors in Alzheimer's disease. <i>Nature Communications</i> , 2016, 7, 13115.	5.8	80
79	Biophysical insights into the membrane interaction of the core amyloid-forming A $\beta$ <sub>40</sub> fragment K16-K28 and its role in the pathogenesis of Alzheimer's disease. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16890-16901.	1.3	16
80	<i>In Cellulo</i> Mapping of Subcellular Localized Bilirubin. <i>ACS Chemical Biology</i> , 2016, 11, 2177-2185.	1.6	21
81	Effects of hydroxyl group variations on a flavonoid backbone toward modulation of metal-free and metal-induced amyloid- $\beta$ aggregation. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 381-392.	3.0	28
82	A PET-based fluorometric chemosensor for the determination of mercury(II) and pH, and hydrolysis reaction-based colorimetric detection of hydrogen sulfide. <i>Dalton Transactions</i> , 2016, 45, 5700-5712.	1.6	44
83	Amyloid- $\beta$ adopts a conserved, partially folded structure upon binding to zwitterionic lipid bilayers prior to amyloid formation. <i>Chemical Communications</i> , 2016, 52, 882-885.	2.2	66
84	Reactivity of Metal-Free and Metal-Associated Amyloid- $\beta$ with Glycosylated Polyphenols and Their Esterified Derivatives. <i>Scientific Reports</i> , 2015, 5, 17842.	1.6	44
85	Tools of the Trade: Investigations into Design Strategies of Small Molecules to Target Components in Alzheimer's Disease. <i>ChemBioChem</i> , 2015, 16, 887-898.	1.3	34
86	Editorial overview: Bioinorganic chemistry: Bioinorganic catalysis for renewable energy. <i>Current Opinion in Chemical Biology</i> , 2015, 25, vii-viii.	2.8	0
87	A rationally designed small molecule for identifying an in vivo link between metal-amyloid- $\beta$ complexes and the pathogenesis of Alzheimer's disease. <i>Chemical Science</i> , 2015, 6, 1879-1886.	3.7	60
88	A Redox-Active, Compact Molecule for Cross-Linking Amyloidogenic Peptides into Nontoxic, Off-Pathway Aggregates: In Vitro and In Vivo Efficacy and Molecular Mechanisms. <i>Journal of the American Chemical Society</i> , 2015, 137, 14785-14797.	6.6	65
89	Chelation-induced diradical formation as an approach to modulation of the amyloid- $\beta$ aggregation pathway. <i>Chemical Science</i> , 2015, 6, 1018-1026.	3.7	15
90	Inhibitory Activity of Curcumin Derivatives Towards Metal-Free and Metal-Induced Amyloid- $\beta$ Aggregation. <i>Current Alzheimer Research</i> , 2015, 12, 415-423.	0.7	35

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91	Abnormal metal levels in the primary visual pathway of the DBA/2J mouse model of glaucoma. <i>BioMetals</i> , 2014, 27, 1291-1301.	1.8	16
92	A small molecule that displays marked reactivity toward copper <sup>2+</sup> versus zinc <sup>2+</sup> amyloid- $\beta$ implicated in Alzheimer's disease. <i>Chemical Communications</i> , 2014, 50, 5301-5303.	2.2	49
93	Rational Design of a Structural Framework with Potential Use to Develop Chemical Reagents That Target and Modulate Multiple Facets of Alzheimer's Disease. <i>Journal of the American Chemical Society</i> , 2014, 136, 299-310.	6.6	166
94	Methyl Yellow: A Potential Drug Scaffold for Parkinson's Disease. <i>ChemBioChem</i> , 2014, 15, 1591-1598.	1.3	7
95	Interaction and reactivity of synthetic aminoisoflavones with metal-free and metal-associated amyloid- $\beta$ . <i>Chemical Science</i> , 2014, 5, 4851-4862.	3.7	50
96	The Ongoing Search for Small Molecules to Study Metal-Associated Amyloid- $\beta$ Species in Alzheimer's Disease. <i>Accounts of Chemical Research</i> , 2014, 47, 2475-2482.	7.6	149
97	Molecular medicine and neurodegenerative diseases. <i>Chemical Society Reviews</i> , 2014, 43, 6668-6671.	18.7	7
98	Cholesterol and metal ions in Alzheimer's disease. <i>Chemical Society Reviews</i> , 2014, 43, 6672-6682.	18.7	82
99	A novel hybrid of 6-chlorotacrine and metal <sup>2+</sup> amyloid- $\beta$ modulator for inhibition of acetylcholinesterase and metal-induced amyloid- $\beta$ aggregation. <i>Chemical Science</i> , 2013, 4, 4137.	3.7	48
100	Structural Characterization and Inhibition of Toxic Amyloid- $\beta$ Oligomeric Intermediates. <i>Biophysical Journal</i> , 2013, 105, 287-288.	0.2	36
101	Amyloid- $\beta$ neuropeptide interactions assessed by ion mobility-mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 8952.	1.3	30
102	Untangling Amyloid- $\beta$ , Tau, and Metals in Alzheimer's Disease. <i>ACS Chemical Biology</i> , 2013, 8, 856-865.	1.6	329
103	Insights into anti-amyloidogenic properties of the green tea extract (EGCG)-epigallocatechin-3-gallate toward metal-associated amyloid- $\beta$ species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3743-3748.	3.3	221
104	Tuning Reactivity of Diphenylpropynone Derivatives with Metal-Associated Amyloid- $\beta$ Species via Structural Modifications. <i>Inorganic Chemistry</i> , 2013, 52, 8121-8130.	1.9	29
105	Medicinal inorganic chemistry: a web themed issue. <i>Chemical Communications</i> , 2013, 49, 5910.	2.2	3
106	Dual-function triazole-pyridine derivatives as inhibitors of metal-induced amyloid- $\beta$ aggregation. <i>Metallomics</i> , 2012, 4, 910.	1.0	58
107	Exploring the reactivity of flavonoid compounds with metal-associated amyloid- $\beta$ species. <i>Dalton Transactions</i> , 2012, 41, 6558.	1.6	30
108	Reactivity of Diphenylpropynone Derivatives Toward Metal-Associated Amyloid- $\beta$ Species. <i>Inorganic Chemistry</i> , 2012, 51, 12959-12967.	1.9	36



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109	Luminescent Properties of Ruthenium(II) Complexes with Sterically Expansive Ligands Bound to DNA Defects. <i>Inorganic Chemistry</i> , 2012, 51, 12511-12520.	1.9	78
110	Misfolded proteins in Alzheimer's disease and type II diabetes. <i>Chemical Society Reviews</i> , 2012, 41, 608-621.	18.7	335
111	The Reaction of a High-valent Nonheme Oxoiron(IV) Intermediate with Hydrogen Peroxide. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5376-5380.	7.2	20
112	Metal-associated amyloid- $\beta^2$ species in Alzheimer's disease. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 67-73.	2.8	230
113	Characterization of pyridinylimine and pyridinylmethylamine derivatives and their corresponding metal complexes. <i>Inorganica Chimica Acta</i> , 2012, 380, 261-268.	1.2	17
114	Structure and reactivity of a mononuclear non-haem iron(III)-peroxo complex. <i>Nature</i> , 2011, 478, 502-505.	13.7	292
115	Identification of multifunctional small molecule-based reversible monoamine oxidase inhibitors. <i>MedChemComm</i> , 2011, 2, 1099.	3.5	17
116	Development of Bifunctional Stilbene Derivatives for Targeting and Modulating Metal-Amyloid- $\beta^2$ Species. <i>Inorganic Chemistry</i> , 2011, 50, 10724-10734.	1.9	75
117	Synthesis and characterization of IMPY derivatives that regulate metal-induced amyloid- $\beta^2$ aggregation. <i>Metallomics</i> , 2011, 3, 284.	1.0	36
118	Recent Development of Bifunctional Small Molecules to Study Metal-Amyloid- $\beta^2$ Species in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-9.	1.1	35
119	Myricetin: A Naturally Occurring Regulator of Metal-Induced Amyloid- $\beta^2$ Aggregation and Neurotoxicity. <i>ChemBioChem</i> , 2011, 12, 1198-1201.	1.3	81
120	Design of small molecules that target metal- $\text{A}\beta^2$ species and regulate metal-induced $\text{A}\beta^2$ aggregation and neurotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21990-21995.	3.3	253
121	Small Molecule Modulators of Copper-Induced $\text{A}\beta^2$ Aggregation. <i>Journal of the American Chemical Society</i> , 2009, 131, 16663-16665.	6.6	189
122	Effects of Clioquinol on Metal-Triggered Amyloid- $\beta^2$ Aggregation Revisited. <i>Inorganic Chemistry</i> , 2009, 48, 9596-9598.	1.9	93
123	Sensitivity of $\text{Ru}(\text{bpy})_2\text{dppz}^{2+}$ Luminescence to DNA Defects. <i>Inorganic Chemistry</i> , 2009, 48, 5392-5397.	1.9	118
124	DNA Strand Cleavage near a CC Mismatch Directed by a Metalloinsertor. <i>Inorganic Chemistry</i> , 2007, 46, 9528-9530.	1.9	17
125	Metal-Based Turn-On Fluorescent Probes for Sensing Nitric Oxide. <i>Accounts of Chemical Research</i> , 2007, 40, 41-51.	7.6	239
126	Preparation of a copper-based fluorescent probe for nitric oxide and its use in mammalian cultured cells. <i>Nature Protocols</i> , 2007, 2, 408-415.	5.5	24



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127	Fluorescent Nitric Oxide Detection by Copper Complexes Bearing Anthracenyl and Dansyl Fluorophore Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 8980-8989.	1.9	62
128	Visualization of nitric oxide in living cells by a copper-based fluorescent probe. <i>Nature Chemical Biology</i> , 2006, 2, 375-380.	3.9	334
129	Direct Nitric Oxide Detection in Aqueous Solution by Copper(II) Fluorescein Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 14364-14373.	6.6	257
130	Nitric Oxide-Induced Fluorescence Enhancement by Displacement of Dansylated Ligands from Cobalt. <i>ChemBioChem</i> , 2006, 7, 1571-1576.	1.3	34
131	Synthesis of Isomerically Pure Carboxylate- and Sulfonate-Substituted Xanthene Fluorophores.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
132	Parallel mechanistic studies on the counterion effect of manganese salen and porphyrin complexes on olefin epoxidation by iodosylarenes. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 424-431.	1.5	38
133	Synthesis of isomerically pure carboxylate- and sulfonate-substituted xanthene fluorophores. <i>Tetrahedron</i> , 2005, 61, 3097-3105.	1.0	49
134	Fluorescence-based Nitric Oxide Detection. , 2005, , 163-188.		19
135	Copper Complexes for Fluorescence-Based NO Detection in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2005, 127, 12170-12171.	6.6	125
136	Conjugated Polymer-Based Fluorescence Turn-On Sensor for Nitric Oxide. <i>Organic Letters</i> , 2005, 7, 3573-3575.	2.4	106
137	Self-hydroxylation of perbenzoic acids at a nonheme iron(ii) center. <i>Chemical Communications</i> , 2005, , 5644.	2.2	59
138	Dirhodium Tetracarboxylate Scaffolds as Reversible Fluorescence-Based Nitric Oxide Sensors. <i>Journal of the American Chemical Society</i> , 2004, 126, 4972-4978.	6.6	135
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