# Li-June Ming

List of Publications by Year
in descending order



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|---|---|---|---|
| 40 papers | 1,244 citations | 394421 19 h-index | 361022 35 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 1523 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The distribution in native populations from Mexico and Central America of the C677T variant in the MTHFR gene. American Journal of Human Biology, 2021, 33, e23567. | 1.6 | 0 |
| 2 | Recent advances of cyclotriphosphazene derivatives as fluorescent dyes. Dyes and Pigments, 2021, 188, 109214. | 3.7 | 18 |
| 3 | Introducing Seven Transition Metal Ions into Terpyridine-Based Supramolecules: Self-Assembly and Dynamic Ligand Exchange Study. Journal of the American Chemical Society, 2020, 142, 1811-1821. | 13.7 | 53 |
| 4 | To be structurally well-defined or not to be, that is not the question for iron(III)â€“poly(4-Vinylpyridine-co-acrylamide) to exhibit catechol dioxygenase activity!. Catalysis Communications, 2018, 106, 87-91. | 3.3 | 0 |
| 5 | Right-Handed Helical Foldamers Consisting of De Novo <scp>d</scp>-AApeptides. Journal of the American Chemical Society, 2017, 139, 7363-7369. | 13.7 | 52 |
| 6 | Catalytic Cooperativity, Nuclearity, and O<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media. European Journal of Inorganic Chemistry, 2017, 2017, 4899-4908. | 2.0 | 8 |
| 7 | Catalytic Cooperativity, Nuclearity, and O<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media. European Journal of Inorganic Chemistry, 2017, 2017, 4885-4885. | 2.0 | 2 |
| 8 | Front Cover: Catalytic Cooperativity, Nuclearity, and O<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> Specificity of Multiâ€Copper(II) Complexes of Cyclenâ€Tethered Cyclotriphosphazene Ligands in Aqueous Media (Eur. J. Inorg. Chem. 42/2017). European Journal of Inorganic Chemistry, 2017, 2017, 4884-4884. | 2.0 | 1 |
| 9 | Mechanistic Insights into Phenol Oxidation by a Copper(II) Complex of a Pyridineâ€and Amideâ€Containing Copolymer in an Aqueous Medium. European Journal of Inorganic Chemistry, 2015, 2015, 375-381. | 2.0 | 3 |
| 10 | Insights into SOD1-linked amyotrophic lateral sclerosis from NMR studies of Ni2+- and other metal-ion-substituted wild-type copperâ€“zinc superoxide dismutases. Journal of Biological Inorganic Chemistry, 2014, 19, 647-657. | 2.6 | 9 |
| 11 | Metal Binding of Flavonoids and Their Distinct Inhibition Mechanisms Toward the Oxidation Activity of Cu2+â€“Î²-Amyloid: Not Just Serving as Suicide Antioxidants!. Inorganic Chemistry, 2013, 52, 679-690. | 4.0 | 30 |
| 12 | Vitamin B6s inhibit oxidative stress caused by Alzheimerâ€™s disease-related CuII-Î²-amyloid complexesâ€”cooperative action of phospho-moiety. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6430-6432. | 2.2 | 28 |
| 13 | Metal Complexes of a Multidentate Cyclophosphazene with Imidazoleâ€Containing Side Chains for Hydrolyses of Phosphoesters â€“ Bimolecular vs. Intramolecular Dinuclear Pathway. European Journal of Inorganic Chemistry, 2011, 2011, 674-682. | 2.0 | 18 |
| 14 | Metallopeptides â€” from Drug Discovery to Catalysis. Journal of the Chinese Chemical Society, 2010, 57, 285-299. | 1.4 | 10 |
| 15 | Radical annihilation of Î³â€rayâ€irradiated contact lens blanks made of a 2â€hydroxyethyl methacrylate copolymer at elevated temperatures. Journal of Applied Polymer Science, 2010, 117, 3114-3120. | 2.6 | 2 |
| 16 | 1H NMR, Mechanism, and Mononuclear Oxidative Activity of the Antibiotic Metallopeptide Bacitracin: The Role of d-Glu-4, Interaction with Pyrophosphate Moiety, DNA Binding and Cleavage, and Bioactivity. Journal of the American Chemical Society, 2010, 132, 5652-5661. | 13.7 | 28 |
| 17 | Iron(III) Complexes of Metalâ€Binding Copolymers as Proficient Catalysts for Acid Hydrolysis of Phosphodiesters and Oxidative DNA Cleavage â€“ Insight into the Rational Design of Functional Metallopolymers. European Journal of Inorganic Chemistry, 2009, 2009, 1199-1207. | 2.0 | 15 |
| 18 | How Well Should the Active Site and the Specific Recognition Be Defined for Proficient Catalysis? â€“ Effective and Cooperative Polyphenol/Catechol Oxidation and Oxidative DNA Cleavage by a Copper(II)â€Binding and Hâ€Bonding Copolymer. European Journal of Inorganic Chemistry, 2008, 2008, 2584-2592. | 2.0 | 8 |

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| 19 | Metallo-ROS in Alzheimer's Disease: Oxidation of Neurotransmitters by CuII-Î²-Amyloid and Neuropathology of the Disease. Angewandte Chemie - International Edition, 2007, 46, 3337-3341. | 13.8 | 44 |
| 20 | Overexpression and Mechanistic Characterization of Blastula Protease 10, a Metalloprotease Involved in Sea Urchin Embryogenesis and Development. Journal of Biological Chemistry, 2006, 281, 10737-10744. | 3.4 | 14 |
| 21 | Effective heterogeneous hydrolysis of phosphodiester by pyridine-containing metallopolymers. Inorganica Chimica Acta, 2005, 358, 1247-1252. | 2.4 | 19 |
| 22 | Alzheimer's Disease Related Copper(II)- Î²-Amyloid Peptide Exhibits Phenol Monooxygenase and Catechol Oxidase Activities. Angewandte Chemie - International Edition, 2005, 44, 5501-5504. | 13.8 | 41 |
| 23 | Catechol Oxidase-like Oxidation Chemistry of the 1â€“20 and 1â€“16 Fragments of Alzheimer's Disease-related Î²-Amyloid Peptide. Journal of Biological Chemistry, 2005, 280, 16601-16609. | 3.4 | 40 |
| 24 | Structure and function of ?metalloantibiotics?. Medicinal Research Reviews, 2003, 23, 697-762. | 10.5 | 195 |
| 25 | Iron(III)â€“Chelex resin complex as a prototypical heterogeneous catalyst for phosphodiester hydrolysis. Catalysis Communications, 2003, 4, 549-553. | 3.3 | 19 |
| 26 | Metal binding and structureâ€“activity relationship of the metalloantibiotic peptide bacitracin. Journal of Inorganic Biochemistry, 2002, 91, 46-58. | 3.5 | 143 |
| 27 | Mechanistic studies of the astacin-like Serratia metalloendopeptidase serralysin: highly active (>2000%) Co(II) and Cu(II) derivatives for further corroboration of a "metallotriad" mechanism. Journal of Biological Inorganic Chemistry, 2002, 7, 600-610. | 2.6 | 29 |
| 28 | Paramagnetic Cobalt(II) as an NMR Probe of Dendrimer Structure:Â Mobility and Cooperativity of Dendritic Arms. Journal of the American Chemical Society, 2001, 123, 8583-8592. | 13.7 | 59 |
| 29 | Metal ion binding and activation of Streptomyces griseus dinuclear aminopeptidase: cadmium(II) binding as a model. Journal of Biological Inorganic Chemistry, 2001, 6, 120-127. | 2.6 | 12 |
| 30 | Remarkable enhancement of the hydrolyses of phosphoesters by dinuclear centers: Streptomyces aminopeptidase as a â€˜natural model systemâ€™. Chemical Communications, 2000, , 2501-2502. | 4.1 | 15 |
| 31 | A 1010 Rate Enhancement of Phosphodiester Hydrolysis by a Dinuclear Aminopeptidaseâ€”Transition-State Analogues as Substrates?. Angewandte Chemie - International Edition, 1999, 38, 2914-2916. | 13.8 | 18 |
| 32 | NMR Study of Dendrimer Structures Using Paramagnetic Cobalt(II) as a Probe. Inorganic Chemistry, 1999, 38, 4498-4502. | 4.0 | 30 |
| 33 | Different phosphate binding modes ofStreptomyces griseusaminopeptidase between crystal and solution states and the status of zinc-bound water. FEBS Letters, 1999, 455, 321-324. | 2.8 | 17 |
| 34 | Identification of Metal-Binding Residues in theKlebsiella aerogenesUrease Nickel Metallochaperone, UreEâ€. Biochemistry, 1999, 38, 4078-4088. | 2.5 | 85 |
| 35 | The mechanistic role of the coordinated tyrosine in astacin. Journal of Inorganic Biochemistry, 1998, 72, 57-62. | 3.5 | 42 |
| 36 | Spectroscopic characterization of metal binding by Klebsiella aerogenes UreE urease accessory protein. Journal of Biological Inorganic Chemistry, 1998, 3, 150-160. | 2.6 | 36 |

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|---|---|---|---|
| 37 | Proton NMR Spectroscopy as a Probe of Dinuclear Copper(II) Active Sites in Metalloproteins. Characterization of the Hyperactive Copper(II)-Substituted Aminopeptidase fromAeromonas proteolytica. Journal of the American Chemical Society, 1998, 120, 6329-6335. | 13.7 | 34 |
| 38 | Comprehensive 2D1H NMR Studies of Paramagnetic Lanthanide(III) Complexes of Anthracycline Antitumor Antibiotics. Inorganic Chemistry, 1998, 37, 2255-2262. | 4.0 | 24 |
| 39 | An Ytterbium(III) Complex of Daunomycin, a Model Metal Complex of Anthracycline Antibiotics. Inorganic Chemistry, 1994, 33, 4617-4618. | 4.0 | 15 |
| 40 | Two-dimensional1H NMR studies of Ca(II)-binding site in proteins using paramagnetic lanthanides(III) as probes and Yb(III)-substituted bovine Î±-lactalbumin as an example. Magnetic Resonance in Chemistry, 1993, 31, S104-S109. | 1.9 | 8 |