# Chuanliu Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8592136/publications.pdf

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| 51 | 1,159 | 393982 | 414034 |
|---|---|---|---|
| papers | citations | 19 h-index | 32 g-index |

| 54 | 54 | 54 | 1643 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Doubly-Quenched Fluorescent Probe for Low-Background Detection of Mitochondrial H<sub>2</sub>O<sub>2</sub>. Analytical Chemistry, 2019, 91, 6902-6909. | 3.2 | 71 |
| 2 | Hybrid Silicaâ€“Nanocrystalâ€“Organic Dye Superstructures as Post-Encoding Fluorescent Probes. Angewandte Chemie - International Edition, 2007, 46, 5393-5396. | 7.2 | 70 |
| 3 | Twin disulfides for orthogonal disulfide pairing and the directed folding of multicyclic peptides. Nature Chemistry, 2012, 4, 1044-1049. | 6.6 | 63 |
| 4 | pH-Switchable Fluorescent Probe for Spatially-Confined Visualization of Intracellular Hydrogen Peroxide. Analytical Chemistry, 2016, 88, 5865-5870. | 3.2 | 63 |
| 5 | Interplay of Chemical Microenvironment and Redox Environment on Thiolâ€“Disulfide Exchange Kinetics. Chemistry - A European Journal, 2011, 17, 10064-10070. | 1.7 | 58 |
| 6 | Orthogonal Cysteineâ€“Penicillamine Disulfide Pairing for Directing the Oxidative Folding of Peptides. Journal of the American Chemical Society, 2015, 137, 15094-15097. | 6.6 | 56 |
| 7 | Fluorescent core-shell silicananoparticles as tunable precursors: towards encoding and multifunctional nano-probes. Chemical Communications, 2008, , 750-752. | 2.2 | 49 |
| 8 | A lysosome-locating and acidic pH-activatable fluorescent probe for visualizing endogenous H<sub>2</sub>O<sub>2</sub> in lysosomes. Analyst, The, 2017, 142, 4522-4528. | 1.7 | 49 |
| 9 | Condensation of 2-((Alkylthio)(aryl)methylene)malononitrile with 1,2-Aminothiol as a Novel Bioorthogonal Reaction for Site-Specific Protein Modification and Peptide Cyclization. Journal of the American Chemical Society, 2020, 142, 5097-5103. | 6.6 | 48 |
| 10 | Molecule-scale controlled-release system based on light-responsive silica nanoparticles. Chemical Communications, 2008, , 2662. | 2.2 | 47 |
| 11 | Precisely Regulated and Efficient Locking of Linear Peptides into Stable Multicyclic Topologies through a Oneâ€Pot Reaction. Angewandte Chemie - International Edition, 2017, 56, 4458-4463. | 7.2 | 39 |
| 12 | Broad Control of Disulfide Stability through Microenvironmental Effects and Analysis in Complex Redox Environments. Biomacromolecules, 2013, 14, 2383-2388. | 2.6 | 35 |
| 13 | CXC-Mediated Cellular Uptake of Miniproteins: Forsaking â€œArginine Magicâ€• ACS Chemical Biology, 2018, 13, 3078-3086. | 1.6 | 33 |
| 14 | Biscysteine-Bearing Peptide Probes To Reveal Extracellular Thiolâ€“Disulfide Exchange Reactions Promoting Cellular Uptake. Analytical Chemistry, 2017, 89, 8501-8508. | 3.2 | 30 |
| 15 | Plasmon-Enhanced Ultrasensitive Surface Analysis Using Ag Nanoantenna. Analytical Chemistry, 2018, 90, 2018-2022. | 3.2 | 30 |
| 16 | Chemical and Ribosomal Synthesis of Topologically Controlled Bicyclic and Tricyclic Peptide Scaffolds Primed by Selenoether Formation. Angewandte Chemie - International Edition, 2019, 58, 4880-4885. | 7.2 | 29 |
| 17 | Artificial disulfide-rich peptide scaffolds with precisely defined disulfide patterns and a minimized number of isomers. Chemical Science, 2017, 8, 2547-2552. | 3.7 | 24 |
| 18 | The Interplay of Disulfide Bonds, Î±-Helicity, and Hydrophobic Interactions Leads to Ultrahigh Proteolytic Stability of Peptides. Biomacromolecules, 2015, 16, 2347-2355. | 2.6 | 23 |

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|---|---|---|---|
| 19 | Thioether-Bonded Fluorescent Probes for Deciphering Thiol-Mediated Exchange Reactions on the Cell Surface. Analytical Chemistry, 2017, 89, 937-944. | 3.2 | 21 |
| 20 | De novo design of constrained and sequence-independent peptide scaffolds with topologically-formidable disulfide connectivities. Chemical Science, 2018, 9, 569-575. | 3.7 | 20 |
| 21 | Aromaticity/Bulkiness of Surface Ligands to Promote the Interaction of Anionic Amphiphilic Gold Nanoparticles with Lipid Bilayers. Langmuir, 2016, 32, 1601-1610. | 1.6 | 19 |
| 22 | Directed Disulfide Pairing and Folding of Peptides for the De Novo Development of Multicyclic Peptide Libraries. Journal of the American Chemical Society, 2020, 142, 16285-16291. | 6.6 | 19 |
| 23 | A mini-review and perspective on multicyclic peptide mimics of antibodies. Chinese Chemical Letters, 2018, 29, 1063-1066. | 4.8 | 17 |
| 24 | POEGMA-based disulfide-containing fluorescent probes for imitating and tracing noninternalization-based intracellular drug delivery. Chemical Communications, 2016, 52, 4533-4536. | 2.2 | 16 |
| 25 | Proteolytic Unlocking of Ultrastable Twin-Acylhydrazone Linkers for Lysosomal Acid-Triggered Release of Anticancer Drugs. Bioconjugate Chemistry, 2017, 28, 2620-2626. | 1.8 | 16 |
| 26 | Stabilization of peptides against proteolysis through disulfide-bridged conjugation with synthetic aromatics. Organic and Biomolecular Chemistry, 2017, 15, 1921-1929. | 1.5 | 15 |
| 27 | Precisely Regulated and Efficient Locking of Linear Peptides into Stable Multicyclic Topologies through a Oneâ€Pot Reaction. Angewandte Chemie, 2017, 129, 4529-4534. | 1.6 | 15 |
| 28 | Design and Ribosomal Incorporation of Noncanonical Disulfide-Directing Motifs for the Development of Multicyclic Peptide Libraries. Journal of the American Chemical Society, 2022, 144, 5116-5125. | 6.6 | 15 |
| 29 | A facile and general approach for the synthesis of fluorescent silica nanoparticles doped with inert dyes. Science Bulletin, 2011, 56, 3242. | 1.7 | 14 |
| 30 | Conjugated copolymerâ€“photosensitizer molecular hybrids with broadband visible light absorption for efficient light-harvesting and enhanced singlet oxygen generation. Journal of Materials Chemistry C, 2015, 3, 973-976. | 2.7 | 12 |
| 31 | A phage display-based strategy for the de novo creation of disulfide-constrained and isomer-free bicyclic peptide affinity reagents. Chemical Communications, 2018, 54, 4029-4032. | 2.2 | 12 |
| 32 | CdS Quantum Dots as Fluorescence Probes for the Detection of Selenite. Analytical Letters, 2008, 41, 2117-2132. | 1.0 | 11 |
| 33 | Biocompatible and Rapid Cyclization of Peptides with 2,4-Difluoro-6-hydroxy-1,3,5-benzenetricarbonitrile for the Development of Cyclic Peptide Libraries. Bioconjugate Chemistry, 2020, 31, 2085-2091. | 1.8 | 10 |
| 34 | Stabilizing pâ€Dithiobenzyl Urethane Linkers without Rateâ€Limiting Selfâ€Immolation for Traceless Drug Release. ChemMedChem, 2019, 14, 1196-1203. | 1.6 | 9 |
| 35 | Fast and Selective Reaction of 2-Benzylacrylaldehyde with 1,2-Aminothiol for Stable N-Terminal Cysteine Modification and Peptide Cyclization. Bioconjugate Chemistry, 2021, 32, 2065-2072. | 1.8 | 9 |
| 36 | An evolution-inspired strategy to design disulfide-rich peptides tolerant to extensive sequence manipulation. Chemical Science, 2021, 12, 11464-11472. | 3.7 | 9 |

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|---|---|---|---|
| 37 | De novo design and directed folding of disulfide-bridged peptide heterodimers. Nature Communications, 2022, 13, 1539. | 5.8 | 9 |
| 38 | Tunable accessibility of dye-doped liposomes towards gold nanoparticles for fluorescence sensing of lipopolysaccharide. Analyst, The, 2017, 142, 1084-1090. | 1.7 | 8 |
| 39 | Extracting fluorescence signal due to direct excitation of the energy acceptor from quantum dot-based FRET. Journal of Nanoparticle Research, 2010, 12, 2153-2161. | 0.8 | 7 |
| 40 | Peptide Macrocycles Developed from Precisely Regulated Multiple Cyclization of Unprotected Peptides. Chemistry - A European Journal, 2017, 23, 15150-15155. | 1.7 | 7 |
| 41 | Ordered and Isomerically Stable Bicyclic Peptide Scaffolds Constrained through Cystine Bridges and Proline Turns. ChemBioChem, 2019, 20, 1514-1518. | 1.3 | 7 |
| 42 | Structure-guided design of CPPC-paired disulfide-rich peptide libraries for ligand and drug discovery. Chemical Science, 2022, 13, 7780-7789. | 3.7 | 7 |
| 43 | Extraordinary Modulation of Disulfide Redoxâ€Responsiveness by Cooperativity of Twinâ€Disulfide Bonds. Chemistry - A European Journal, 2014, 20, 17507-17514. | 1.7 | 6 |
| 44 | Design and Synthesis of Disulfide-Rich Peptides with Orthogonal Disulfide Pairing Motifs. Journal of Organic Chemistry, 2020, 85, 11475-11481. | 1.7 | 5 |
| 45 | Design and Synthesis of Cross-Link-Dense Peptides by Manipulating Regioselective Bisthioether Cross-Linking and Orthogonal Disulfide Pairing. Journal of Organic Chemistry, 2019, 84, 5187-5194. | 1.7 | 4 |
| 46 | Chemical and Ribosomal Synthesis of Topologically Controlled Bicyclic and Tricyclic Peptide Scaffolds Primed by Selenoether Formation. Angewandte Chemie, 2019, 131, 4934-4939. | 1.6 | 4 |
| 47 | Metalâ€“Organicâ€Frameworkâ€Templated Polyelectrolyte Nanocapsules for the Encapsulation and Delivery of Smallâ€Moleculeâ€“Polymer Conjugates. Chemistry - an Asian Journal, 2016, 11, 1811-1820. | 1.7 | 3 |
| 48 | Interchain doubly-bridged Î±-helical peptides for the development of protein binders. Chinese Chemical Letters, 2019, 30, 924-928. | 4.8 | 3 |
| 49 | Disulfide-Linked/Peptide-Incorporated Macrocycles: Unique Redox-Responsiveness and Application for Intracellular Cargo-Delivery. ChemistrySelect, 2016, 1, 826-830. | 0.7 | 2 |
| 50 | Multivalent peptides displayed on OEGMA-based copolymers for the modulation of proteinâ€“protein interactions. Polymer Chemistry, 2015, 6, 7862-7870. | 1.9 | 1 |
| 51 | InnenrÃ¼cktitelbild: Precisely Regulated and Efficient Locking of Linear Peptides into Stable Multicyclic Topologies through a Oneâ€Pot Reaction (Angew. Chem. 16/2017). Angewandte Chemie, 2017, 129, 4701-4701. | 1.6 | 0 |