

Zhaoming Su

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,652
citations

394421

19
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

2472
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Discovery of a Biomarker and Lead Small Molecules to Target r(GGGGCC)-Associated Defects in c9FTD/ALS. <i>Neuron</i> , 2014, 83, 1043-1050. | 8.1 | 289 |
| 2 | Measurement of atom resolvability in cryo-EM maps with Q-scores. <i>Nature Methods</i> , 2020, 17, 328-334. | 19.0 | 230 |
| 3 | An Intrinsically Disordered Peptide from Ebola Virus VP35 Controls Viral RNA Synthesis by Modulating Nucleoprotein-RNA Interactions. <i>Cell Reports</i> , 2015, 11, 376-389. | 6.4 | 136 |
| 4 | Accelerated cryo-EM-guided determination of three-dimensional RNA-only structures. <i>Nature Methods</i> , 2020, 17, 699-707. | 19.0 | 119 |
| 5 | Cryo-EM structure of a 40 kDa SAM-IV riboswitch RNA at 3.7 Å resolution. <i>Nature Communications</i> , 2019, 10, 5511. | 12.8 | 90 |
| 6 | Programmable Supraassembly of a DNA Surface Adapter for Tunable Chiral Directional Self-Assembly of Gold Nanorods. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14632-14636. | 13.8 | 76 |
| 7 | Cryo-EM structures of full-length Tetrahymena ribozyme at 3.1 Å resolution. <i>Nature</i> , 2021, 596, 603-607. | 27.8 | 59 |
| 8 | Cryo-EM advances in RNA structure determination. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 58. | 17.1 | 54 |
| 9 | Structure of the 30 kDa HIV-1 RNA Dimerization Signal by a Hybrid Cryo-EM, NMR, and Molecular Dynamics Approach. <i>Structure</i> , 2018, 26, 490-498.e3. | 3.3 | 52 |
| 10 | Structural basis of amino acid surveillance by higher-order tRNA-mRNA interactions. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1094-1105. | 8.2 | 52 |
| 11 | Electron Cryo-microscopy Structure of Ebola Virus Nucleoprotein Reveals a Mechanism for Nucleocapsid-like Assembly. <i>Cell</i> , 2018, 172, 966-978.e12. | 28.9 | 51 |
| 12 | Structures of signaling complexes of lipid receptors S1PR1 and S1PR5 reveal mechanisms of activation and drug recognition. <i>Cell Research</i> , 2021, 31, 1263-1274. | 12.0 | 51 |
| 13 | Evaluation of 4,5-Disubstituted 2-Aminoimidazole-Triazole Conjugates for Antibiofilm/Antibiotic Resensitization Activity Against MRSA and <i>Acinetobacter baumannii</i> . <i>ChemMedChem</i> , 2011, 6, 2243-2251. | 3.2 | 42 |
| 14 | Synthesis and biological activity of 2-aminoimidazole triazoles accessed by Suzuki-Miyaura cross-coupling. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3041. | 2.8 | 39 |
| 15 | Programming molecular topologies from single-stranded nucleic acids. <i>Nature Communications</i> , 2018, 9, 4579. | 12.8 | 39 |
| 16 | N-Substituted 2-aminoimidazole inhibitors of MRSA biofilm formation accessed through direct 1,3-bis(tert-butoxycarbonyl)guanidine cyclization. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 130-137. | 2.8 | 34 |
| 17 | Redox Engineering of Cytochrome c using DNA Nanostructure-Based Charged Encapsulation and Spatial Control. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13874-13880. | 8.0 | 27 |
| 18 | Structural Studies on 4,5-Disubstituted 2-Aminoimidazole-Based Biofilm Modulators that Suppress Bacterial Resistance to β -Lactams. <i>ChemMedChem</i> , 2012, 7, 2030-2039. | 3.2 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587. | | 22 |
| 20 | Programmable Supraâ€Assembly of a DNA Surface Adapter for Tunable Chiral Directional Selfâ€Assembly of Gold Nanorods. Angewandte Chemie, 2017, 129, 14824-14828. | 2.0 | 20 |
| 21 | Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer. PLoS Biology, 2020, 18, e3000827. | 5.6 | 20 |
| 22 | Structure of the translating <i>Neurospora</i> ribosome arrested by cycloheximide. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 18 |
| 23 | A nitroenolate approach to the synthesis of 4,5-disubstituted-2-aminoimidazoles. Pilot library assembly and screening for antibiotic and antibiofilm activity. Organic and Biomolecular Chemistry, 2010, 8, 2814. | 2.8 | 15 |
| 24 | SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. Protein and Cell, 2022, 13, 602-614. | 11.0 | 15 |
| 25 | Membrane-Permeabilizing Activity of Reverse-Amide 2-Aminoimidazole Antibiofilm Agents Against <i>Acinetobacter baumannii</i> . Current Drug Delivery, 2015, 12, 223-230. | 1.6 | 14 |
| 26 | A modular approach to the synthesis of 1,4,5-substituted-2-aminoimidazoles. Tetrahedron Letters, 2012, 53, 1204-1206. | 1.4 | 13 |
| 27 | Structural analyses of an RNA stability element interacting with poly(A). Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 13 |
| 28 | Molecular insights into biogenesis of glycosylphosphatidylinositol anchor proteins. Nature Communications, 2022, 13, 2617. | 12.8 | 9 |
| 29 | Cryogenic Correlative Singleâ€Particle Photoluminescence Spectroscopy and Electron Tomography for Investigation of Nanomaterials. Angewandte Chemie - International Edition, 2020, 59, 15642-15648. | 13.8 | 8 |
| 30 | Ultrahigh Molecular Weight Polyethylene Lamellarâ€Thin Framework on Square Meter Scale. Advanced Materials, 2022, 34, e2107941. | 21.0 | 7 |
| 31 | Cryogenic Correlative Singleâ€Particle Photoluminescence Spectroscopy and Electron Tomography for Investigation of Nanomaterials. Angewandte Chemie, 2020, 132, 15772-15778. | 2.0 | 1 |
| 32 | DNA nanostructures directed by RNA clamps. Nanoscale, 2021, , . | 5.6 | 1 |
| 33 | Cryo-EM analysis of Ebola virus nucleocapsid-like assembly. STAR Protocols, 2022, 3, 101030. | 1.2 | 0 |
| 34 | Title is missing!. , 2020, 18, e3000827. | | 0 |
| 35 | Title is missing!. , 2020, 18, e3000827. | | 0 |
| 36 | Title is missing!. , 2020, 18, e3000827. | | 0 |

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|----|--|----|-----------|
| 37 | Title is missing!. , 2020, 18, e3000827. | | 0 |