

Peng Sun

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,744
citations

257357

24
h-index

289141

40
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69
all docs

69
docs citations

69
times ranked

2147
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nanosized FeS/ZnS heterojunctions derived using zeolitic imidazolate Framework-8 (ZIF-8) for pH-universal oxygen reduction and High-efficiency Zn-air battery. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 446-458. | 5.0 | 21 |
| 2 | Ansafurantrienins, Unprecedented Ansatrienin Derivatives Formed via Photocatalytic Intramolecular [3 + 2] Oxidative Cycloaddition. <i>Organic Letters</i> , 2022, 24, 592-596. | 2.4 | 6 |
| 3 | Characterization of Histidine Functionalization and Its Timing in the Biosynthesis of Ribosomally Synthesized and Posttranslationally Modified Thioamitides. <i>Journal of the American Chemical Society</i> , 2022, 144, 4431-4438. | 6.6 | 7 |
| 4 | Fluvirucins B ₇ –B ₁₀ , new antifungal macrolactams from a marine-derived <i>Nonomuraea</i> sp. MYH522. <i>RSC Advances</i> , 2022, 12, 15479-15485. | 1.7 | 5 |
| 5 | Ferrocene-crosslinked polypyrrole hydrogel derived Fe–N-doped hierarchical porous carbon as an efficient electrocatalyst for pH universal ORR and Zn-air batteries. <i>New Journal of Chemistry</i> , 2021, 45, 10002-10011. | 1.4 | 6 |
| 6 | In Vitro Study of the Fibrinolytic Activity via Single Chain Urokinase-Type Plasminogen Activator and Molecular Docking of FGFC1. <i>Molecules</i> , 2021, 26, 1816. | 1.7 | 7 |
| 7 | Temporal metabolomic alteration in rat brains of experimental intracerebral hemorrhage. <i>Brain Research Bulletin</i> , 2021, 170, 234-245. | 1.4 | 2 |
| 8 | Protecting-Group-Free Iterative Exponential Growth Method for Synthesizing Sequence-Defined Polymers. <i>ACS Macro Letters</i> , 2021, 10, 223-230. | 2.3 | 21 |
| 9 | Discovery of Venturicidin Congeners and Identification of the Biosynthetic Gene Cluster from <i>Streptomyces</i> sp. NRRL S-4. <i>Journal of Natural Products</i> , 2021, 84, 110-119. | 1.5 | 11 |
| 10 | A porous carbon layer wrapped Co ₃ Fe ₇ alloy derived from a bimetallic conjugated microporous polymer as a trifunctional electrocatalyst for rechargeable Zn-air batteries and self-powered overall water splitting. <i>Sustainable Energy and Fuels</i> , 2021, 5, 6085-6096. | 2.5 | 4 |
| 11 | Isolation and Identification of Pentalenolactone Analogs from <i>Streptomyces</i> sp. NRRL S-4. <i>Molecules</i> , 2021, 26, 7377. | 1.7 | 5 |
| 12 | Eliciting an immune hot tumor niche with biomimetic drug-based multi-functional nanohybrids augments immune checkpoint blockade-based breast cancer therapy. <i>Nanoscale</i> , 2020, 12, 3317-3329. | 2.8 | 30 |
| 13 | Deciphering of Key Pharmacological Pathways of Poria Cocos Intervention in Breast Cancer Based on Integrated Pharmacological Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 1-11. | 0.5 | 4 |
| 14 | Micaryolanes A and B, Two New Caryolane-Type Sesquiterpenoids from Marine <i>Streptomyces</i> sp. AH25. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000769. | 1.0 | 4 |
| 15 | Secondary Metabolites from Marine <i>Micromonospora</i> : Chemistry and Bioactivities. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000024. | 1.0 | 23 |
| 16 | Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8880-8884. | 7.2 | 15 |
| 17 | Chemical constituents of sponge <i>Pseudoceratina</i> sp. and their chemotaxonomic significance. <i>Biochemical Systematics and Ecology</i> , 2020, 89, 104002. | 0.6 | 1 |
| 18 | Immunomodulatory Biscembranoids and Assignment of Their Relative and Absolute Configurations: Data Set Modulation in the Density Functional Theory/Nuclear Magnetic Resonance Approach. <i>Journal of Natural Products</i> , 2019, 82, 1264-1273. | 1.5 | 34 |

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|----|--|-----|-----------|
| 19 | Natural Occurrence, Bioactivity and Biosynthesis of Elaiophyllin Analogues. <i>Molecules</i> , 2019, 24, 3840. | 1.7 | 13 |
| 20 | In Vitro and In Vivo Evaluation of Desogestrel-Loaded Poly(D,L-lactic Acid) Nanoparticles. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-14. | 1.5 | 3 |
| 21 | Novel 2-phenyloxypyrimidine derivative induces apoptosis and autophagy via inhibiting PI3K pathway and activating MAPK/ERK signaling in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 10923. | 1.6 | 18 |
| 22 | Well converged quantum rate constants for the H ₂ + OH → H ₂ O + H reaction via transition state wave packet. <i>Journal of Chemical Physics</i> , 2018, 149, 064303. | 1.2 | 12 |
| 23 | Xuefu Zhuyu decoction improves neurological dysfunction by increasing synapsin expression after traumatic brain injury. <i>Neural Regeneration Research</i> , 2018, 13, 1417. | 1.6 | 10 |
| 24 | Self-Accelerating Click Reaction for Cyclic Polymer. <i>Macromolecules</i> , 2017, 50, 1463-1472. | 2.2 | 75 |
| 25 | Efficient Homodifunctional Bimolecular Ring Closure Method for Cyclic Polymers by Combining RAFT and Self-Accelerating Click Reaction. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700121. | 2.0 | 20 |
| 26 | New Avermectin Analogues from a Mutant <i>Streptomyces avermectinus</i> Strain. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700054. | 1.0 | 3 |
| 27 | A linear hydroxymethyl tetramate undergoes an acetylation-elimination process for exocyclic methylene formation in the biosynthetic pathway of pyrroindomycins. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 88-91. | 1.5 | 11 |
| 28 | Immunomodulatory Polyketides from a <i>Phoma</i> -like Fungus Isolated from a Soft Coral. <i>Journal of Natural Products</i> , 2017, 80, 2930-2940. | 1.5 | 26 |
| 29 | Chemistry and Selective Tumor Cell Growth Inhibitory Activity of Polyketides from the South China Sea Sponge <i>Plakortis</i> sp.. <i>Marine Drugs</i> , 2017, 15, 129. | 2.2 | 11 |
| 30 | Paeoniflorin, the Main Active Ingredient of Shuyu Capsule, Inhibits Ca ^v 1.2 and Regulates Calmodulin/Calmodulin-Dependent Protein Kinase II Signalling. <i>BioMed Research International</i> , 2017, 2017, 1-10. | 0.9 | 11 |
| 31 | Plasma metabolomics profiles in rats with acute traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0182025. | 1.1 | 20 |
| 32 | Anger Emotional Stress Influences VEGF/VEGFR2 and Its Induced PI3K/AKT/mTOR Signaling Pathway. <i>Neural Plasticity</i> , 2016, 2016, 1-12. | 1.0 | 23 |
| 33 | Chemistry and Bioactivity of Briaranes from the South China Sea Gorgonian <i>Dichotella gemmacea</i> . <i>Marine Drugs</i> , 2016, 14, 201. | 2.2 | 12 |
| 34 | Controllable Rh(III)-Catalyzed Annulation between Salicylaldehydes and Diazo Compounds: Divergent Synthesis of Chromones and Benzofurans. <i>Organic Letters</i> , 2016, 18, 6464-6467. | 2.4 | 105 |
| 35 | Overexpression of microRNA-24 increases the sensitivity to paclitaxel in drug-resistant breast carcinoma cell lines via targeting ABCB9. <i>Oncology Letters</i> , 2016, 12, 3905-3911. | 0.8 | 37 |
| 36 | Tadpole-shaped polymers based on UV-induced strain promoted azide-alkyne cycloaddition reaction. <i>Science China Chemistry</i> , 2016, 59, 1277-1282. | 4.2 | 6 |

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|----|---|-----|-----------|
| 37 | Bissubvilides A and B, Cembrane- α -Capnosane Heterodimers from the Soft Coral <i>Sarcophyton subviride</i> . <i>Journal of Natural Products</i> , 2016, 79, 2552-2558. | 1.5 | 49 |
| 38 | Rh(III)-Catalyzed Redox-Neutral Annulation of Primary Benzamides with Diazo Compounds: Approach to Isoquinolinones. <i>Journal of Organic Chemistry</i> , 2016, 81, 2166-2173. | 1.7 | 94 |
| 39 | Scalable preparation of cyclic polymers by the ring-closure method assisted by the continuous-flow technique. <i>Polymer Chemistry</i> , 2016, 7, 2239-2244. | 1.9 | 32 |
| 40 | Rh(III)-catalyzed redox-neutral annulation of azo and diazo compounds: one-step access to cinnolines. <i>Organic Chemistry Frontiers</i> , 2016, 3, 91-95. | 2.3 | 55 |
| 41 | Synthesis of Heterocycle-fused Pyridine N -Oxides from Oximes and Diazo Compounds via Rh(III)-Catalyzed C-H Activation and Annulation. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2469-2473. | 2.1 | 43 |
| 42 | Inhibition of Calcium Influx Reduces Dysfunction and Apoptosis in Lipotoxic Pancreatic β -Cells via Regulation of Endoplasmic Reticulum Stress. <i>PLoS ONE</i> , 2015, 10, e0132411. | 1.1 | 25 |
| 43 | Cytotoxic sesquiterpene lactone dimers isolated from <i>Inula japonica</i> . <i>FITOTERAPIA</i> , 2015, 101, 218-223. | 1.1 | 23 |
| 44 | 1,19-seco-Avermectin Analogues from a <i>Streptomyces avermectinus</i> Mutant Strain. <i>Journal of Natural Products</i> , 2015, 78, 301-305. | 1.5 | 10 |
| 45 | Cyclic polymers based on UV-induced strain promoted azide-alkyne cycloaddition reaction. <i>Polymer Chemistry</i> , 2015, 6, 4096-4101. | 1.9 | 32 |
| 46 | An enzymatic [4+2] cyclization cascade creates the pentacyclic core of pyrroindomycins. <i>Nature Chemical Biology</i> , 2015, 11, 259-265. | 3.9 | 122 |
| 47 | Briarane Diterpenoids from the Gorgonian <i>Dichotella gemmacea</i> . <i>Marine Drugs</i> , 2014, 12, 6178-6189. | 2.2 | 7 |
| 48 | Effect of Stereochemistry of Avermectin-Like 6,6-Spiroketal on Biological Activities and Endogenous Biotransformations in <i>Streptomyces avermectinus</i> . <i>ChemBioChem</i> , 2014, 15, 660-664. | 1.3 | 11 |
| 49 | Powerful Ring-Closure Method for Preparing Varied Cyclic Polymers. <i>Macromolecules</i> , 2014, 47, 3775-3781. | 2.2 | 63 |
| 50 | New Steroids with a Rearranged Skeleton as (h)P300 Inhibitors from the Sponge <i>Theonella swinhoei</i> . <i>Organic Letters</i> , 2014, 16, 2224-2227. | 2.4 | 61 |
| 51 | Structural and Stereochemical Studies of Hydroxyanthraquinone Derivatives from the Endophytic Fungus <i>Coniothyrium</i> sp. <i>Chirality</i> , 2013, 25, 141-148. | 1.3 | 43 |
| 52 | Spiroketal Formation and Modification in Avermectin Biosynthesis Involves a Dual Activity of AveC. <i>Journal of the American Chemical Society</i> , 2013, 135, 1540-1548. | 6.6 | 53 |
| 53 | Structure, Absolute Configuration, and Conformational Study of 12-Membered Macrolides from the Fungus <i>Dendrodochium</i> sp. Associated with the Sea Cucumber <i>Holothuria nobilis</i> Selenka. <i>Journal of Organic Chemistry</i> , 2013, 78, 7030-7047. | 1.7 | 116 |
| 54 | Chemistry and Tumor Cell Growth Inhibitory Activity of 11,20-Epoxy-3Z,5(6)E-diene Briaranes from the South China Sea Gorgonian <i>Dichotella gemmacea</i> . <i>Marine Drugs</i> , 2013, 11, 1565-1582. | 2.2 | 16 |

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|----|--|-----|-----------|
| 55 | Sinularosides A and B, Bioactive 9,11-Secosteroidal Glycosides from the South China Sea Soft Coral <i>Sinularia humilis</i> Ofwegen. <i>Journal of Natural Products</i> , 2012, 75, 1656-1659. | 1.5 | 25 |
| 56 | Bioactive briarane diterpenoids from the South China Sea gorgonian <i>Dichotella gemmacea</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4368-4372. | 1.0 | 32 |
| 57 | Herbarone, a Rearranged Heptaketide Derivative from the Sea Hare Associated Fungus <i>Torula herbarum</i> . <i>Journal of Natural Products</i> , 2012, 75, 1828-1832. | 1.5 | 24 |
| 58 | Polyhydroxylated Steroids from the South China Sea Gorgonian <i>Anthogorgia</i> sp.. <i>Helvetica Chimica Acta</i> , 2012, 95, 522-527. | 1.0 | 4 |
| 59 | Bioactive 11,20-Epoxy-3,5(16)-diene Briarane Diterpenoids from the South China Sea Gorgonian <i>Dichotella gemmacea</i> . <i>Journal of Natural Products</i> , 2011, 74, 1658-1662. | 1.5 | 31 |
| 60 | Bioactive (3Z,5E)-11,20-Epoxybriara-3,5-dien-7,18-olide Diterpenoids from the South China Sea Gorgonian <i>Dichotella gemmacea</i> . <i>Marine Drugs</i> , 2011, 9, 1403-1418. | 2.2 | 24 |
| 61 | Cytospolides A-E, New Nonanolides from an Endophytic Fungus, <i>Cytospora</i> sp.. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5452-5459. | 1.2 | 46 |
| 62 | Two New Cytotoxic Nonsulfated Pentasaccharide Holostane (=20-Hydroxylanostan-18-ol) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td</i> 1453-1460. | 1.0 | 28 |
| 63 | A New Cytotoxic Lanostane-Type Triterpene Glycoside from the Sea Cucumber <i>Holothuria impatiens</i> . <i>Chemistry and Biodiversity</i> , 2007, 4, 450-457. | 1.0 | 50 |
| 64 | Investigation of electron transfer across the ice/liquid interface by scanning electrochemical microscopy. <i>Science Bulletin</i> , 2003, 48, 39-43. | 1.7 | 0 |
| 65 | Study of ionizable drugs transfer across the water/ 1,2-dichloroethane interface with phase volume ratio equal to unity using a three-electrode system. <i>Science Bulletin</i> , 2003, 48, 1234-1239. | 1.7 | 1 |