

Peng Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6945025/publications.pdf>

Version: 2024-02-01

65
papers

1,744
citations

257357

24
h-index

289141

40
g-index

69
all docs

69
docs citations

69
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	An enzymatic [4+2] cyclization cascade creates the pentacyclic core of pyrroindomycins. <i>Nature Chemical Biology</i> , 2015, 11, 259-265.	3.9	122
2	Structure, Absolute Configuration, and Conformational Study of 12-Membered Macrolides from the Fungus <i>Dendroochium</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
3	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
4	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
5	Self-Accelerating Click Reaction for Cyclic Polymer. <i>Macromolecules</i> , 2017, 50, 1463-1472.	2.2	75
6	Powerful Ring-Closure Method for Preparing Varied Cyclic Polymers. <i>Macromolecules</i> , 2014, 47, 3775-3781.	2.2	63
7	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
8	Rh-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
9	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
10	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
11	Bissubvilides A and B, Cembrane-Capnosane Heterodimers from the Soft Coral <i>Sarcophyton subviride</i> . <i>Journal of Natural Products</i> , 2016, 79, 2552-2558.	1.5	49
12	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
13	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
14	Synthesis of Heterocycle-fused Pyridine 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
15	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
16	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
17	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
18	Cyclic polymers based on UV-induced strain promoted azide-alkyne cycloaddition reaction. <i>Polymer Chemistry</i> , 2015, 6, 4096-4101.	1.9	32

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Two New Cytotoxic Nonsulfated Pentasaccharide Holostane (=20-Hydroxy lanostan-18-ol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td 1453-1460.	1.0	28
23	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
24	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
25	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
26	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
27	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
28	Cytotoxic sesquiterpene lactone dimers isolated from <i>Inula japonica</i> . <i>FÄ-toterapÄ-Äç</i> , 2015, 101, 218-223.	1.1	23
29	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
30	Secondary Metabolites from Marine <i>Micromonospora</i> : Chemistry and Bioactivities. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000024.	1.0	23
31	Protecting-Group-Free Iterative Exponential Growth Method for Synthesizing Sequence-Defined Polymers. <i>ACS Macro Letters</i> , 2021, 10, 223-230.	2.3	21
32	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
33	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
34	Plasma metabolomics profiles in rats with acute traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0182025.	1.1	20
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Sulfonium-Based Homolytic Substitution Observed for the Radical SAM Enzyme HemN. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8880-8884.	7.2	15
38	Natural Occurrence, Bioactivity and Biosynthesis of Elaiophylin Analogues. <i>Molecules</i> , 2019, 24, 3840.	1.7	13
39	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
40	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
41	Effect of Stereochemistry of Avermectin-Like 6,6-epiroketals on Biological Activities and Endogenous Biotransformations in <i>Streptomyces avermectinius</i> . <i>ChemBioChem</i> , 2014, 15, 660-664.	1.3	11
42	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
43	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
44	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
45	Discovery of Venturicin 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
46	1,19-seco-Avermectin Analogues from a <i>Streptomyces avermectinius</i> Mutant. <i>Journal of Natural Products</i> , 2015, 78, 301-305.	1.5	10
47	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
48	Briarane Diterpenoids from the Gorgonian <i>Dichotella gemmacea</i> . <i>Marine Drugs</i> , 2014, 12, 6178-6189.	2.2	7
49	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
50	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
51	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
52	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
53	Ansafurantrienins, Unprecedented Ansatrienin Derivatives Formed via Photocatalytic Intramolecular [3 + 2] Oxidative Cycloaddition. <i>Organic Letters</i> , 2022, 24, 592-596.	2.4	6
54	Isolation and Identification of Pentalenolactone Analogs from <i>Streptomyces</i> sp. NRRL S-4. <i>Molecules</i> , 2021, 26, 7377.	1.7	5

#	ARTICLE	IF	CITATIONS
55	Fluvirucins B ₇ and B ₁₀ , new antifungal macrolactams from a marine-derived <i>Nonomuraea</i> sp. MYH522. RSC Advances, 2022, 12, 15479-15485.	1.7	5
56	Polyhydroxylated Steroids from the South China Sea Gorgonian <i>Anthogorgia</i> sp.. Helvetica Chimica Acta, 2012, 95, 522-527.	1.0	4
57	Deciphering of Key Pharmacological Pathways of Poria Cocos Intervention in Breast Cancer Based on Integrated Pharmacological Method. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	4
58	Micaryolanes A and B, Two New Caryolane-type Sesquiterpenoids from Marine Streptomyces sp. AH25. Chemistry and Biodiversity, 2020, 17, e2000769.	1.0	4
59	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. Sustainable Energy and Fuels, 2021, 5, 6085-6096.	2.5	4
60	New Avermectin Analogues from a Mutant <i>Streptomyces avermectinius</i> Strain. Chemistry and Biodiversity, 2017, 14, e1700054.	1.0	3
61	In Vitro and In Vivo Evaluation of Desogestrel-Loaded Poly(D,L-lactic Acid) Nanoparticles. Journal of Nanomaterials, 2019, 2019, 1-14.	1.5	3
62	Temporal metabolomic alteration in rat brains of experimental intracerebral hemorrhage. Brain Research Bulletin, 2021, 170, 234-245.	1.4	2
63	Study of ionizable drugs transfer across the water/ 1,2-dichloroethane interface with phase volume ratio equal to unity using a three-electrode system. Science Bulletin, 2003, 48, 1234-1239.	1.7	1
64	Chemical constituents of sponge Pseudoceratina sp. and their chemotaxonomic significance. Biochemical Systematics and Ecology, 2020, 89, 104002.	0.6	1
65	Investigation of electron transfer across the ice/liquid interface by scanning electrochemical microscopy. Science Bulletin, 2003, 48, 39-43.	1.7	0