

Peng-Yu Yang

List of Publications by Year in descending order

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42
papers

2,631
citations

218677

26
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

3750
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Heteroaromatic Compounds, Quinolines. <i>Journal of the American Chemical Society</i> , 2003, 125, 10536-10537.	13.7	517
2	Activity-Based Proteome Profiling of Potential Cellular Targets of Orlistat $\hat{\sim}$ An FDA-Approved Drug with Anti-Tumor Activities. <i>Journal of the American Chemical Society</i> , 2010, 132, 656-666.	13.7	214
3	Identification of a small molecule with activity against drug-resistant and persistent tuberculosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2510-7.	7.1	188
4	A Small Molecule Promotes Mitochondrial Fusion in Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9302-9305.	13.8	126
5	Multicolor, One- and Two-Photon Imaging of Enzymatic Activities in Live Cells with Fluorescently Quenched Activity-Based Probes (qABPs). <i>Journal of the American Chemical Society</i> , 2011, 133, 12009-12020.	13.7	124
6	Genetically encoding phosphotyrosine and its nonhydrolyzable analog in bacteria. <i>Nature Chemical Biology</i> , 2017, 13, 845-849.	8.0	105
7	The enantioselective total synthesis of alkaloid ($\hat{\sim}$)-galipeine. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1145-1149.	1.8	95
8	Design of Switchable Chimeric Antigen Receptor T Cells Targeting Breast Cancer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7520-7524.	13.8	92
9	Modulation of Fatty Acid Synthase Enzyme Activity and Expression during Hepatitis C Virus Replication. <i>Chemistry and Biology</i> , 2013, 20, 570-582.	6.0	71
10	Synthesis and Highly Enantioselective Hydrogenation of Exocyclic Enamides: $\hat{\sim}$ % (Z)-3-Arylidene-4-acetyl-3,4-dihydro-2H-1,4-benzoxazines. <i>Journal of Organic Chemistry</i> , 2005, 70, 1679-1683.	3.2	69
11	Genetic Incorporation of Histidine Derivatives Using an Engineered Pyrrolysyl-tRNA Synthetase. <i>ACS Chemical Biology</i> , 2014, 9, 1092-1096.	3.4	65
12	High-Throughput Discovery of Mycobacterium tuberculosis Protein Tyrosine Phosphatase B (MptpB) Inhibitors Using Click Chemistry. <i>Organic Letters</i> , 2009, 11, 5102-5105.	4.6	64
13	Activity-Based Protein Profiling: Recent Advances in Probe Development and Applications. <i>ChemBioChem</i> , 2015, 16, 712-724.	2.6	64
14	Recombinant thiopeptides containing noncanonical amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3615-3620.	7.1	58
15	High-throughput synthesis of azide libraries suitable for direct $\hat{\sim}$ click $\hat{\sim}$ chemistry and in situ screening. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1821.	2.8	56
16	Engineering a long-acting, potent GLP-1 analog for microstructure-based transdermal delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4140-4145.	7.1	51
17	Click-based synthesis and proteomic profiling of lipstatin analogues. <i>Chemical Communications</i> , 2010, 46, 8335.	4.1	49
18	Proteomic profiling and potential cellular target identification of K11777, a clinical cysteine protease inhibitor, in <i>Trypanosoma brucei</i> . <i>Chemical Communications</i> , 2012, 48, 835-837.	4.1	49

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19	Design, Synthesis and Biological Evaluation of Potent Azadipeptide Nitrile Inhibitors and Activity-Based Probes as Promising Anti-Trypanosoma brucei Agents. Chemistry - A European Journal, 2012, 18, 6528-6541.	3.3	49
20	A Peptide Aldehyde Microarray for High-Throughput Profiling of Cellular Events. Journal of the American Chemical Society, 2011, 133, 1946-1954.	13.7	47
21	A Tryptophanyl-tRNA Synthetase/tRNA Pair for Unnatural Amino Acid Mutagenesis in E. coli. Angewandte Chemie - International Edition, 2013, 52, 5106-5109.	13.8	44
22	Highly efficient and stable palladium/imidazolium salt-phosphine catalysts for Suzuki-Miyaura cross-coupling of aryl bromides. Journal of Molecular Catalysis A, 2006, 259, 7-10.	4.8	43
23	Stapled, Long-Acting Glucagon-like Peptide 2 Analog with Efficacy in Dextran Sodium Sulfate Induced Mouse Colitis Models. Journal of Medicinal Chemistry, 2018, 61, 3218-3223.	6.4	37
24	Chemical Modification and Organelle-Specific Localization of Orlistat-Like Natural-Product-Based Probes. Chemistry - an Asian Journal, 2011, 6, 2762-2775.	3.3	36
25	Design of Potent and Proteolytically Stable Oxyntomodulin Analogs. ACS Chemical Biology, 2016, 11, 324-328.	3.4	35
26	YAP-dependent proliferation by a small molecule targeting annexin A2. Nature Chemical Biology, 2021, 17, 767-775.	8.0	31
27	Click-synthesis of small-molecule inhibitors targeting caspases. Organic and Biomolecular Chemistry, 2008, 6, 844.	2.8	28
28	Click Chemistry as a High-Throughput Amenable Platform in Catalomics. QSAR and Combinatorial Science, 2007, 26, 1135-1144.	1.4	25
29	Unsymmetric-1,3-disubstituted imidazolium salt for palladium-catalyzed Suzuki-Miyaura cross-coupling reactions of aryl bromides. Journal of Molecular Catalysis A, 2006, 250, 15-19.	4.8	22
30	Palladium-catalyzed aminations of aryl halides with phosphine-functionalized imidazolium ligands. Dalton Transactions, 2008, , 938-945.	3.3	22
31	New Generation Oxyntomodulin Peptides with Improved Pharmacokinetic Profiles Exhibit Weight Reducing and Anti-Steatotic Properties in Mice. Bioconjugate Chemistry, 2020, 31, 1167-1176.	3.6	21
32	Multifunctional Antibody Agonists Targeting Glucagon-like Peptide-1, Glucagon, and Glucose-Dependent Insulinotropic Polypeptide Receptors. Angewandte Chemie - International Edition, 2016, 55, 12475-12478.	13.8	19
33	Design and Synthesis of Potent, Long-Acting Lipidated Relaxin-2 Analogs. Bioconjugate Chemistry, 2019, 30, 83-89.	3.6	19
34	Parasite-Based Screening and Proteome Profiling Reveal Orlistat, an FDA-Approved Drug, as a Potential Anti Trypanosoma brucei Agent []. Chemistry - A European Journal, 2012, 18, 8403-8413.	3.3	16
35	Dynamic Monitoring of Newly Synthesized Proteomes: Up-Regulation of Myristoylated Protein Kinase A During Butyric Acid Induced Apoptosis. Angewandte Chemie - International Edition, 2011, 50, 6776-6781.	13.8	14
36	Rapeseed Protein-Derived Antioxidant Peptide RAP Ameliorates Nonalcoholic Steatohepatitis and Related Metabolic Disorders in Mice. Molecular Pharmaceutics, 2019, 16, 371-381.	4.6	13

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37	Study on Conformation Interconversion of 3-Alkyl-4-acetyl-3,4-dihydro-2H-1,4-benzoxazines from Dynamic NMR Experiments and ab Initio Density Functional Calculations. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18690-18698.	2.6	12
38	Solid-Phase Synthesis of Azidomethylene Inhibitors Targeting Cysteine Proteases. <i>Organic Letters</i> , 2008, 10, 1881-1884.	4.6	12
39	Photoactivatable Fluorogenic Labeling via Turn-On "Click-Like" Nitroso-Diene Bioorthogonal Reaction. <i>Advanced Science</i> , 2019, 6, 1802039.	11.2	12
40	Multifunctional Antibody Agonists Targeting Glucagon-Like Peptide-1, Glucagon, and Glucose-Dependent Insulinotropic Polypeptide Receptors. <i>Angewandte Chemie</i> , 2016, 128, 12663-12666.	2.0	2
41	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Heteroaromatic Compounds: Quinolines.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
42	Synthesis and Highly Enantioselective Hydrogenation of Exocyclic Enamides: (Z)-3-Arylidene-4-acetyl-3,4-dihydro-2H-1,4-benzoxazines.. <i>ChemInform</i> , 2005, 36, no.	0.0	0