Simon Ng

List of Publications by Year in descending order

24 papers	1,169 citations	471509 17 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	1539 citing authors

#	Article	IF	Citations
1	Diversity of Phage-Displayed Libraries of Peptides during Panning and Amplification. Molecules, 2011, 16, 1776-1803.	3.8	165
2	Interfacing Glycosylated Carbonâ€Nanotubeâ€Network Devices with Living Cells to Detect Dynamic Secretion of Biomolecules. Angewandte Chemie - International Edition, 2009, 48, 2723-2726.	13.8	148
3	bioPROTACs as versatile modulators of intracellular therapeutic targets including proliferating cell nuclear antigen (PCNA). Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5791-5800.	7.1	76
4	Quantitative Synthesis of Genetically Encoded Glycopeptide Libraries Displayed on M13 Phage. ACS Chemical Biology, 2012, 7, 1482-1487.	3.4	70
5	Genetically Encoded Fragment-Based Discovery of Glycopeptide Ligands for Carbohydrate-Binding Proteins. Journal of the American Chemical Society, 2015, 137, 5248-5251.	13.7	67
6	Discovery of Light-Responsive Ligands through Screening of a Light-Responsive Genetically Encoded Library. ACS Chemical Biology, 2014, 9, 443-450.	3.4	63
7	Rapid, Hydrolytically Stable Modification of Aldehyde-Terminated Proteins and Phage Libraries. Journal of the American Chemical Society, 2014, 136, 8149-8152.	13.7	60
8	Macrocyclic Î± helical peptide therapeutic modality: A perspective of learnings and challenges. Bioorganic and Medicinal Chemistry, 2018, 26, 2807-2815.	3.0	54
9	Bacteriophages and Viruses as a Support for Organic Synthesis and Combinatorial Chemistry. ACS Chemical Biology, 2012, 7, 123-138.	3.4	52
10	Incorporation of Putative Helix-Breaking Amino Acids in the Design of Novel Stapled Peptides: Exploring Biophysical and Cellular Permeability Properties. Molecules, 2019, 24, 2292.	3.8	51
11	Sugarâ€Based Synthesis of Tamiflu and Its Inhibitory Effects on Cell Secretion. Chemistry - A European Journal, 2010, 16, 4533-4540.	3.3	48
12	Silent Encoding of Chemical Post-Translational Modifications in Phage-Displayed Libraries. Journal of the American Chemical Society, 2016, 138, 32-35.	13.7	46
13	Exquisitely Specific anti-KRAS Biodegraders Inform on the Cellular Prevalence of Nucleotide-Loaded States. ACS Central Science, 2021, 7, 274-291.	11.3	46
14	Phage-displayed macrocyclic glycopeptide libraries. Organic and Biomolecular Chemistry, 2016, 14, 5539-5545.	2.8	36
15	Macrocyclization of an all-<scp>d</scp> linear Î±-helical peptide imparts cellular permeability. Chemical Science, 2020, 11, 5577-5591.	7.4	33
16	Uniform amplification of phage display libraries in monodisperse emulsions. Methods, 2012, 58, 18-27.	3.8	32
17	Discovery of cell active macrocyclic peptides with on-target inhibition of KRAS signaling. Chemical Science, 2021, 12, 15975-15987.	7.4	26
18	De-risking Drug Discovery of Intracellular Targeting Peptides: Screening Strategies to Eliminate False-Positive Hits. ACS Medicinal Chemistry Letters, 2020, 11, 1993-2001.	2.8	21

#	Article	IF	Citations
19	Genetically-encoded fragment-based discovery of glycopeptide ligands for DC-SIGN. Bioorganic and Medicinal Chemistry, 2018, 26, 5368-5377.	3.0	19
20	Recyclable Sulfonated Amorphous Carbon Catalyzed Friedelâ€“Crafts Alkylation of Indoles with Î±,Î²â€Unsaturated Carbonyl Compounds in Water. Chemistry - an Asian Journal, 2010, 5, 778-782.	3.3	18
21	Genetically encoded fragment-based discovery. Current Opinion in Chemical Biology, 2019, 50, 128-137.	6.1	15
22	Chemical Posttranslational Modification of Phage-Displayed Peptides. Methods in Molecular Biology, 2015, 1248, 155-172.	0.9	15
23	Fluorine Bonding Enhances the Energetics of Protein-Lipid Binding in the Gas Phase. Journal of the American Society for Mass Spectrometry, 2014, 25, 751-757.	2.8	1
24	Development of a novel peptide aptamer that interacts with the eIF4E capped-mRNA binding site using peptide epitope linker evolution (PELE). RSC Chemical Biology, 2022, 3, 916-930.	4.1	1