

Simon Ng

List of Publications by Year in descending order

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Version: 2024-02-01

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	Development of a novel peptide aptamer that interacts with the eIF4E capped-mRNA binding site using peptide epitope linker evolution (PELE). <i>RSC Chemical Biology</i> , 2022, 3, 916-930.	4.1	1
2	Exquisitely Specific anti-KRAS Biodegraders Inform on the Cellular Prevalence of Nucleotide-Loaded States. <i>ACS Central Science</i> , 2021, 7, 274-291.	11.3	46
3	Discovery of cell active macrocyclic peptides with on-target inhibition of KRAS signaling. <i>Chemical Science</i> , 2021, 12, 15975-15987.	7.4	26
4	Macrocyclization of an all- α -helical peptide imparts cellular permeability. <i>Chemical Science</i> , 2020, 11, 5577-5591.	7.4	33
5	bioPROTACs as versatile modulators of intracellular therapeutic targets including proliferating cell nuclear antigen (PCNA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5791-5800.	7.1	76
6	De-risking Drug Discovery of Intracellular Targeting Peptides: Screening Strategies to Eliminate False-Positive Hits. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1993-2001.	2.8	21
7	Incorporation of Putative Helix-Breaking Amino Acids in the Design of Novel Stapled Peptides: Exploring Biophysical and Cellular Permeability Properties. <i>Molecules</i> , 2019, 24, 2292.	3.8	51
8	Genetically encoded fragment-based discovery. <i>Current Opinion in Chemical Biology</i> , 2019, 50, 128-137.	6.1	15
9	Macrocyclic α -helical peptide therapeutic modality: A perspective of learnings and challenges. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2807-2815.	3.0	54
10	Genetically-encoded fragment-based discovery of glycopeptide ligands for DC-SIGN. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5368-5377.	3.0	19
11	Phage-displayed macrocyclic glycopeptide libraries. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5539-5545.	2.8	36
12	Silent Encoding of Chemical Post-Translational Modifications in Phage-Displayed Libraries. <i>Journal of the American Chemical Society</i> , 2016, 138, 32-35.	13.7	46
13	Genetically Encoded Fragment-Based Discovery of Glycopeptide Ligands for Carbohydrate-Binding Proteins. <i>Journal of the American Chemical Society</i> , 2015, 137, 5248-5251.	13.7	67
14	Chemical Posttranslational Modification of Phage-Displayed Peptides. <i>Methods in Molecular Biology</i> , 2015, 1248, 155-172.	0.9	15
15	Rapid, Hydrolytically Stable Modification of Aldehyde-Terminated Proteins and Phage Libraries. <i>Journal of the American Chemical Society</i> , 2014, 136, 8149-8152.	13.7	60
16	Discovery of Light-Responsive Ligands through Screening of a Light-Responsive Genetically Encoded Library. <i>ACS Chemical Biology</i> , 2014, 9, 443-450.	3.4	63
17	Fluorine Bonding Enhances the Energetics of Protein-Lipid Binding in the Gas Phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 751-757.	2.8	1
18	Uniform amplification of phage display libraries in monodisperse emulsions. <i>Methods</i> , 2012, 58, 18-27.	3.8	32

#	ARTICLE	IF	CITATIONS
19	Bacteriophages and Viruses as a Support for Organic Synthesis and Combinatorial Chemistry. ACS Chemical Biology, 2012, 7, 123-138.	3.4	52
20	Quantitative Synthesis of Genetically Encoded Glycopeptide Libraries Displayed on M13 Phage. ACS Chemical Biology, 2012, 7, 1482-1487.	3.4	70
21	Diversity of Phage-Displayed Libraries of Peptides during Panning and Amplification. Molecules, 2011, 16, 1776-1803.	3.8	165
22	Recyclable Sulfonated Amorphous Carbon Catalyzed Friedel-Crafts Alkylation of Indoles with α,β -Unsaturated Carbonyl Compounds in Water. Chemistry - an Asian Journal, 2010, 5, 778-782.	3.3	18
23	Sugar-Based Synthesis of Tamiflu and Its Inhibitory Effects on Cell Secretion. Chemistry - A European Journal, 2010, 16, 4533-4540.	3.3	48
24	Interfacing Glycosylated Carbon Nanotube Network Devices with Living Cells to Detect Dynamic Secretion of Biomolecules. Angewandte Chemie - International Edition, 2009, 48, 2723-2726.	13.8	148