Kent Kirshenbaum

List of Publications by Year
in descending order

33 papers	848 citations	567281 15 h-index	501196 28 g-index
36 all docs	36 docs citations	36 times ranked	1425 citing authors

#	Article	IF	Citations
1	Biosynthesis of Proteins Incorporating a Versatile Set of Phenylalanine Analogues. ChemBioChem, 2002, 3, 235-237.	2.6	154
2	Glycosylated Peptoid Nanosheets as a Multivalent Scaffold for Protein Recognition. ACS Nano, 2018, 12, 2455-2465.	14.6	69
3	Design of Peptoid-peptide Macrocycles to Inhibit the Î²-catenin TCF Interaction in Prostate Cancer. Nature Communications, 2018, 9, 4396.	12.8	66
4	Amphiphilic Cyclic Peptoids That Exhibit Antimicrobial Activity by Disrupting Staphylococcus aureus Membranes. European Journal of Organic Chemistry, 2013, 2013, 3560-3566.	2.4	49
5	BONLAC: A combinatorial proteomic technique to measure stimulus-induced translational profiles in brain slices. Neuropharmacology, 2016, 100, 76-89.	4.1	47
6	A Miniature Protein Stabilized by a Cationâ^'Ï€ Interaction Network. Journal of the American Chemical Society, 2016, 138, 1543-1550.	13.7	45
7	Hydrophobic interactions modulate antimicrobial peptoid selectivity towards anionic lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1414-1423.	2.6	43
8	Discovery of Stable and Selective Antibody Mimetics from Combinatorial Libraries of Polyvalent, Loop-Functionalized Peptoid Nanosheets. ACS Nano, 2020, 14, 185-195.	14.6	38
9	Crafting precise multivalent architectures. MedChemComm, 2013, 4, 493-509.	3.4	37
10	Peptoids on Steroids: Precise Multivalent Estradiolâ€“Peptidomimetic Conjugates Generated via Azideâ€“Alkyne [3+2] Cycloaddition Reactions. QSAR and Combinatorial Science, 2007, 26, 1175-1180.	1.4	34
11	Cyclization Improves Membrane Permeation by Antimicrobial Peptoids. Langmuir, 2016, 32, 12905-12913.	3.5	33
12	Versatile Oligo(N-Substituted) Glycines: The Many Roles of Peptoids in Drug Discovery. , 2005, , 1-31.		29
13	Altered steady state and activity-dependent de novo protein expression in fragile X syndrome. Nature Communications, 2019, 10, 1710.	12.8	27
14	Stereochemistry of polypeptoid chain configurations. Biopolymers, 2019, 110, e23266.	2.4	26
15	Multivalent Peptoid Conjugates Which Overcome Enzalutamide Resistance in Prostate Cancer Cells. Cancer Research, 2016, 76, 5124-5132.	0.9	19
16	Nanometer-scale siRNA carriers incorporating peptidomimetic oligomers: physical characterization and biological activity. International Journal of Nanomedicine, 2014, 9, 2271.	6.7	16
17	Student-Driven Design of Peptide Mimetics: Microwave-Assisted Synthesis of Peptoid Oligomers. Journal of Chemical Education, 2011, 88, 999-1001.	2.3	15
18	Preliminary study of a novel transfection modality for in vivo si<scp>RNA</scp> delivery to vocal fold fibroblasts. Laryngoscope, 2017, 127, E231-E237.	2.0	13

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19	Anti-prion Protein Antibody 6D11 Restores Cellular Proteostasis of Prion Protein Through Disrupting Recycling Propagation of PrPSc and Targeting PrPSc for Lysosomal Degradation. Molecular Neurobiology, 2019, 56, 2073-2091.	4.0	13
20	Rapid Multistep Synthesis of a Bioactive Peptidomimetic Oligomer for the Undergraduate Laboratory. Journal of Chemical Education, 2010, 87, 637-639.	2.3	12
21	PPII Helical Peptidomimetics Templated by Cationâ€“Ï€ Interactions. ChemBioChem, 2016, 17, 1824-1828.	2.6	10
22	Nanoparticle delivery of RNAâ€based therapeutics to alter the vocal fold tissue response to injury. Laryngoscope, 2018, 128, E178-E183.	2.0	10
23	Programmed Supramolecular Assemblies Using Orthogonal Pairs of Heterodimeric Coiled Coil Peptides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	8
24	Direct Generation of Polymer Films on Copper Surfaces through Azideâ€Alkyne Cycloaddition Reactions between Peptidomimetic Oligomers. Macromolecular Rapid Communications, 2008, 29, 1134-1139.	3.9	6
25	Evaluating the Conformations and Dynamics of Peptoid Macrocycles. Journal of Physical Chemistry B, 2022, 126, 5161-5174.	2.6	5
26	Peptoids in Wonderland. Biopolymers, 2019, 110, e23279.	2.4	4
27	Optimization of Protocols for Detection of De Novo Protein Synthesis in Whole Blood Samples via Azideâ€“Alkyne Cycloaddition. Journal of Proteome Research, 2020, 19, 3856-3866.	3.7	4
28	Self-assembly of chimeric peptides toward molecularly defined hexamers with controlled multivalent ligand presentation. Chemical Communications, 2020, 56, 7128-7131.	4.1	4
29	A modular approach for organizing dimeric coiled coils on peptoid oligomer scaffolds. Organic and Biomolecular Chemistry, 2020, 18, 2312-2320.	2.8	4
30	Elaborate Supramolecular Architectures Formed by Co-Assembly of Metal Species and Peptoid Macrocycles. Crystal Growth and Design, 2021, 21, 3889-3901.	3.0	4
31	Molecular folding science. Biopolymers, 2019, 110, e23314.	2.4	3
32	Programmed Supramolecular Assemblies using Orthogonal Pairs of Heterodimeric Coiled Coil Peptides. Angewandte Chemie, 0, , .	2.0	1
33	Purification and Modification of Fullerene C60 in the Undergraduate Laboratory. Journal of Chemical Education, 2006, 83, 1218.	2.3	0