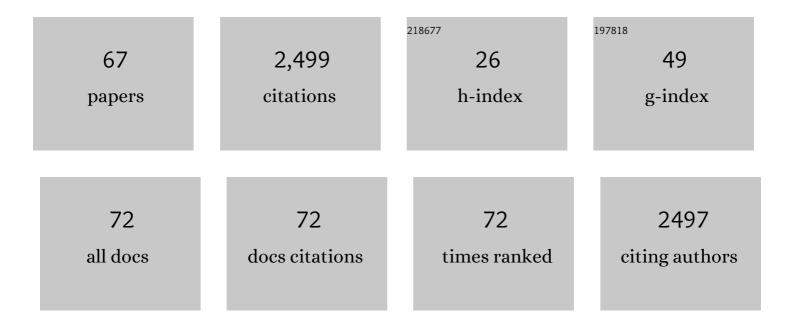
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Non-Perturbative Molecular Grafting Strategy for Stable and Potent Therapeutic Peptide Ligands. ACS Central Science, 2021, 7, 454-466.	11.3	5
2	Comparison of 2D crystals formed by dissociative adsorption of fluorinated and nonfluorinated alkyl iodides on Cu(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 063211.	2.1	0
3	Exploiting Existing Molecular Scaffolds for Long-Term COVID Treatment. ACS Medicinal Chemistry Letters, 2020, 11, 1357-1360.	2.8	8
4	Chemical Biology and Supramolecular Chemistry of Fluorinated Molecules. , 2020, , 561-584.		0
5	Discovery of Peptide Antibiotics Composed of <scp>d</scp> -Amino Acids. ACS Chemical Biology, 2019, 14, 1498-1506.	3.4	24
6	Designing convergent chemistry curricula. Nature Chemical Biology, 2016, 12, 382-386.	8.0	6
7	Novel Probes Establish Mas-Related G Protein-Coupled Receptor X1 Variants as Receptors with Loss or Gain of Function. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 276-283.	2.5	10
8	De novo design of protein mimics of B-DNA. Molecular BioSystems, 2016, 12, 169-177.	2.9	11
9	Correlated Motion and Complex Formation of Lipid-Raft Components Analyzed by High-Resolution Secondary Ion Mass Spectrometry. Biophysical Journal, 2015, 108, 404a.	0.5	0
10	Sialidases as regulators of bioengineered cellular surfaces. Glycobiology, 2015, 25, 784-791.	2.5	5
11	Total synthesis of trifluorobutyryl-modified, protected sialyl Lewis X by a convergent [2+2] approach. Tetrahedron Letters, 2015, 56, 109-114.	1.4	13
12	Synthetic Membrane Anchored Ligands: An Innovative Approach to Drug Discovery. FASEB Journal, 2015, 29, 1022.1.	0.5	0
13	An Air- and Water-Stable Iodonium Salt Promoter for Facile Thioglycoside Activation. Organic Letters, 2014, 16, 1780-1782.	4.6	37
14	Development of a Membrane-anchored Chemerin Receptor Agonist as a Novel Modulator of Allergic Airway Inflammation and Neuropathic Pain. Journal of Biological Chemistry, 2014, 289, 13385-13396.	3.4	24
15	Electric Field Induced Co-Localization of Membrane Components in Supported Lipid Bilayers Detected by Secondary Ion Mass Spectrometry. Biophysical Journal, 2014, 106, 40a-41a.	0.5	Ο
16	A Two-Step Strategy to Enhance Activity of Low Potency Peptides. PLoS ONE, 2014, 9, e110502.	2.5	6
17	Fluorogenic sialic acid glycosides for quantification of sialidase activity upon unnatural substrates. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3406-3410.	2.2	17
18	Fluorination in the Design of Membrane Protein Assemblies. Methods in Molecular Biology, 2013, 1063, 227-243.	0.9	1

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19	Hydrodynamic Co-Localization of Molecules in Supported Lipid Bilayers Detected by Secondary Ion Mass Spectrometry. Biophysical Journal, 2013, 104, 248a.	0.5	0
20	Colocalization of the Ganglioside GM1 and Cholesterol Detected by Secondary Ion Mass Spectrometry. Journal of the American Chemical Society, 2013, 135, 5620-5630.	13.7	69
21	Ligand-Induced Protein Mobility in Complexes of Carbonic Anhydrase II and Benzenesulfonamides with Oligoglycine Chains. PLoS ONE, 2013, 8, e57629.	2.5	2
22	Cross-Strand Interactions of Fluorinated Amino Acids in β-Hairpin Constructs. Journal of the American Chemical Society, 2012, 134, 17912-17921.	13.7	11
23	Model System for Cell Adhesion Mediated by Weak Carbohydrate–Carbohydrate Interactions. Journal of the American Chemical Society, 2012, 134, 3326-3329.	13.7	64
24	Partitioning of Cholesterol and Ganglioside GM1 in Phase Separated Lipid Bilayers Imaged by Secondary Ion Mass Spectrometry. Biophysical Journal, 2012, 102, 222a.	0.5	0
25	Weak Carbohydrate-Carbohydrate Interactions Measured by Colloidal Probe Microscopy. Biophysical Journal, 2012, 102, 427a.	0.5	1
26	Trifluoromethyl Derivatization of the Ganglioside, GM1. Synthesis, 2010, 2010, 1905-1908.	2.3	2
27	Modulation of Cellular Adhesion by Glycoengineering. Journal of Medicinal Chemistry, 2010, 53, 4277-4284.	6.4	26
28	β-Peptide Bundles with Fluorous Cores. Journal of the American Chemical Society, 2010, 132, 3658-3659.	13.7	48
29	Biosynthesis and Stability of Coiledâ€Coil Peptides Containing (2 <i>S</i> ,4 <i>R</i>)â€5,5,5â€Trifluoroleucine and (2 <i>S</i> ,4 <i>S</i>)â€5,5,5â€Trifluoroleucine. ChemBioChem, 2009, 10, 84-86.	2.6	67
30	Coiled oil Lipopeptides Mimicking the Prehairpin Intermediate of Glycoprotein gp41. Angewandte Chemie - International Edition, 2009, 48, 751-754.	13.8	8
31	A new paradigm for protein design and biological self-assembly. Journal of Fluorine Chemistry, 2009, 130, 1178-1182.	1.7	19
32	Fluorinated Lipid Constructs Permit Facile Passage of Molecular Cargo into Living Cells. Journal of the American Chemical Society, 2009, 131, 12091-12093.	13.7	24
33	Lipopeptides derived from HIV and SIV mimicking the prehairpin intermediate of gp41 on solid supported lipid bilayers. Journal of Structural Biology, 2009, 168, 125-136.	2.8	3
34	Protein Engineering Using Noncanonical Amino Acids. , 2009, , .		0
35	Peptide Tertiary Structure Nucleation by Sideâ€Chain Crosslinking with Metal Complexation and Double "Click―Cycloaddition. ChemBioChem, 2008, 9, 1701-1705.	2.6	44
36	Fluorination of mammalian cell surfaces via the sialic acid biosynthetic pathway. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5945-5947.	2.2	32

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37	Engineering and characterization of a single chain surrogate light chain variable domain. Protein Science, 2008, 17, 458-465.	7.6	8
38	Influence of Selective Fluorination on the Biological Activity and Proteolytic Stability of Glucagon-like Peptide-1. Journal of Medicinal Chemistry, 2008, 51, 7303-7307.	6.4	56
39	Structure and Thermotropic phase Behavior of Fluorinated Phospholipid Bilayers: A combined Attenuated Total Reflection FTIR Spectroscopy and Imaging Ellipsometry Study. Journal of Physical Chemistry B, 2008, 112, 8250-8256.	2.6	32
40	Fluorinated Amino Acids and Reagents in Protein Design and Biomolecule Separation. ACS Symposium Series, 2007, , 487-499.	0.5	1
41	Antimicrobial Activity and Protease Stability of Peptides Containing Fluorinated Amino Acids. Journal of the American Chemical Society, 2007, 129, 15615-15622.	13.7	234
42	Nanoscale Patterning in Mixed Fluorocarbonâ^'Hydrocarbon Phospholipid Bilayers. Journal of the American Chemical Society, 2007, 129, 9037-9043.	13.7	36
43	The Role of Conserved Histidines in the Structure and Stability of Human Papillomavirus Type 16 E2 DNA-Binding Domainâ€. Biochemistry, 2007, 46, 1402-1411.	2.5	7
44	Selective Proteinâ^'Protein Interactions Driven by a Phenylalanine Interface. Journal of the American Chemical Society, 2006, 128, 188-191.	13.7	20
45	Bioorthogonal noncovalent chemistry: fluorous phases in chemical biology. Current Opinion in Chemical Biology, 2006, 10, 576-583.	6.1	56
46	Enabling routine fluorous capping in solid phase peptide synthesis. Journal of Fluorine Chemistry, 2006, 127, 565-570.	1.7	12
47	Fluorinated Interfaces Drive Self-Association of Transmembrane α Helices in Lipid Bilayers. Angewandte Chemie - International Edition, 2006, 45, 2588-2591.	13.8	49
48	A Fluorous Capping Strategy for Fmoc-Based Automated and Manual Solid-Phase Peptide Synthesis. European Journal of Organic Chemistry, 2006, 2006, 874-877.	2.4	19
49	Controlling Association of Vesicle Embedded Peptides by Alteration of the Physical State of the Lipid Matrixâ€. Biochemistry, 2005, 44, 5188-5195.	2.5	7
50	From The Cover: De novo design of defined helical bundles in membrane environments. Proceedings of the United States of America, 2004, 101, 15324-15329.	7.1	84
51	Alternative Translations of a Single RNA Message: An Identity Switch of (2S,3R)-4,4,4-Trifluorovaline between Valine and Isoleucine Codons. Angewandte Chemie - International Edition, 2004, 43, 3664-3666.	13.8	50
52	A Highly Stereospecific and Efficient Synthesis of Homopentafluoro- phenylalanine. Journal of Organic Chemistry, 2004, 69, 5468-5470.	3.2	5
53	Just Add Water:Â A New Fluorous Capping Reagent for Facile Purification of Peptides Synthesized on the Solid Phase. Journal of the American Chemical Society, 2004, 126, 9528-9529.	13.7	46
54	Fluorinated Amino Acids in Protein Design and Engineering. ChemInform, 2003, 34, no.	0.0	0

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55	Protein Design Using Unnatural Amino Acids. Journal of Chemical Education, 2003, 80, 1275.	2.3	13
56	Fluorinated amino acids in protein design and engineering. Chemical Society Reviews, 2002, 31, 335-341.	38.1	293
57	Synthesis and thermodynamic characterization of self-sorting coiled coils. Tetrahedron, 2002, 58, 4105-4112.	1.9	79
58	A Simple and Efficient Method for the Resolution of All Four Diastereomers of 4,4,4-Trifluorovaline and 5,5,5-Trifluoroleucine. Journal of Organic Chemistry, 2002, 67, 1722-1725.	3.2	24
59	Programmed Self-Sorting of Coiled Coils with Leucine and Hexafluoroleucine Cores. Journal of the American Chemical Society, 2001, 123, 11815-11816.	13.7	170
60	A Novel Synthesis of Enantiomerically Pure 5,5,5,5â€~,5â€~,5â€~.Hexafluoroleucine. Organic Letters, 2001, 3, 1285-1286.	4.6	37
61	A Coiled Coil with a Fluorous Core. Journal of the American Chemical Society, 2001, 123, 4393-4399.	13.7	169
62	Fluorophobic Acceleration of Dielsâ^'Alder Reactions. Journal of the American Chemical Society, 2000, 122, 12025-12026.	13.7	65
63	Use of Modern Electron Transfer Theories To Determine Electronic Coupling Matrix Elements in Intramolecular Systems. Journal of Physical Chemistry A, 1998, 102, 5529-5541.	2.5	106
64	Electronic Coupling in C-Clamp-Shaped Molecules:Â Solvent-Mediated Superexchange Pathways. Journal of the American Chemical Society, 1996, 118, 243-244.	13.7	106
65	Syntheses of Rigid and Semirigid Molecules for Investigations of Photoinduced Electron Transfer Reactions. Journal of Organic Chemistry, 1995, 60, 4051-4066.	3.2	32
66	Theoretical Study of Solvent Effects on the Electronic Coupling Matrix Element in Rigidly Linked Donor-Acceptor Systems. The Journal of Physical Chemistry, 1995, 99, 17501-17504.	2.9	73
67	Fluorinated Amino Acids and Biomolecules in Protein Design and Chemical Biology. , 0, , 411-446.		6