Dmytro S Radchenko

List of Publications by Year
in descending order

39	1,461	394421	345221
papers	citations	19 h-index	36 g-index

51	51	51	1341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-pot parallel synthesis of 1,3,5-trisubstituted 1,2,4-triazoles. Molecular Diversity, 2022, 26, 993-1004.	3.9	4
2	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds. Nature, 2022, 601, 452-459.	27.8	153
3	A stereochemical journey around spirocyclic glutamic acid analogs. Organic and Biomolecular Chemistry, 2022, 20, 3183-3200.	2.8	4
4	Multigram Synthesis of Advanced 6,6â€Difluorospiro[3.3]heptaneâ€Derived Building Blocks. European Journal of Organic Chemistry, 2021, 2021, 6541-6550.	2.4	3
5	A multi-pronged approach targeting SARS-CoV-2 proteins using ultra-large virtual screening. IScience, 2021, 24, 102021.	4.1	66
6	A Diversityâ€Oriented Approach to Large Libraries of Artificial Macrocycles. European Journal of Organic Chemistry, 2021, 2021, 2313-2330.	2.4	5
7	Structures of the Ïƒ2 receptor enable docking for bioactive ligand discovery. Nature, 2021, 600, 759-764.	27.8	113
8	Generating Multibillion Chemical Space of Readily Accessible Screening Compounds. IScience, 2020, 23, 101681.	4.1	90
9	An open-source drug discovery platform enables ultra-large virtual screens. Nature, 2020, 580, 663-668.	27.8	345
10	Last of the gem-Difluorocycloalkanes: Synthesis and Characterization of 2,2-Difluorocyclobutyl-Substituted Building Blocks. Journal of Organic Chemistry, 2019, 84, 8487-8496.	3.2	30
11	Widely Exploited, Yet Unreported: Regiocontrolled Synthesis and the Suzukiâ€“Miyaura Reactions of Bromooxazole Building Blocks. European Journal of Organic Chemistry, 2019, 2019, 2884-2898.	2.4	9
12	Supreme activity of gramicidin S against resistant, persistent and biofilm cells of staphylococci and enterococci. Scientific Reports, 2019, 9, 17938.	3.3	30
13	Conformationally Constrained Monoâ€Fluorinated Arginine as a Cationic Label for Solidâ€State ¹⁹F NMR Analysis of Membraneâ€Bound Peptides. European Journal of Organic Chemistry, 2018, 2018, 3826-3833.	2.4	8
14	Synthesis of 3â€Azabicyclo[3.2.0]heptaneâ€Derived Building Blocks via [3+2] Cycloaddition. European Journal of Organic Chemistry, 2018, 2018, 5596-5604.	2.4	12
15	Synthesis and Physicalâ€Chemical Properties of cisâ€and transâ€1â€Aminoâ€3â€fluoroâ€3â€methylcyclobutanecarboxylic Acids. European Journal of Organic Chemistry, 2016, 2016, 4782-4786.	2.4	5
16	Delivering Structural Information on the Polar Face of Membraneâ€Active Peptides: ¹⁹Fâ€NMR Labels with a Cationic Side Chain. Angewandte Chemie, 2016, 128, 14815-14819.	2.0	19
17	Delivering Structural Information on the Polar Face of Membraneâ€Active Peptides: ¹⁹Fâ€NMR Labels with a Cationic Side Chain. Angewandte Chemie - International Edition, 2016, 55, 14595-14599.	13.8	27
18	Does a methionine-to-norleucine substitution in PGLa influence peptide-membrane interactions?. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2019-2027.	2.6	15

#	Article	IF	Citations
19	Direct nucleophilic difluoromethylation of enolizable ketones with CHF2TMS/HMPA. Tetrahedron, 2016, 72, 1351-1356.	1.9	24
20	Synthesis of fluorinated building blocks based on spiro[3.3]heptane scaffold. Tetrahedron, 2016, 72, 1036-1041.	1.9	11
21	Synthesis and Physicochemical Properties of 3â€Fluorocyclobutylamines. European Journal of Organic Chemistry, 2015, 2015, 6466-6471.	2.4	20
22	Synthesis and Structural Analysis of Angular Monoprotected Diamines Based on Spiro[3.3]heptane Scaffold. Journal of Organic Chemistry, 2015, 80, 3974-3981.	3.2	12
23	Conformationally restricted glutamic acid analogues: stereoisomers of 1-aminospiro[3.3]heptane-1,6-dicarboxylic acid. RSC Advances, 2014, 4, 10894.	3.6	18
24	Design and Synthesis of a Monofluoroâ€Substituted Aromatic Amino Acid as a Conformationally Restricted ¹⁹F NMR ÂLabel for Membraneâ€Bound Peptides. European Journal of Organic Chemistry, 2014, 2014, 3584-3591.	2.4	19
25	Design, Synthesis, and Application of a Trifluoromethylated Phenylalanine Analogue as a Label to Study Peptides by Solidâ€State ¹⁹Fâ€...NMR Spectroscopy. Angewandte Chemie, 2013, 125, 6632-6635.	2.0	8
26	Confining the Ï‡ space of basic natural amino acids: cyclobutane-derived Ï‡1,Ï‡2-constrained analogues of arginine, lysine and ornithine. Tetrahedron, 2013, 69, 505-511.	1.9	13
27	A ¹⁹Fâ€...NMR Label to Substitute Polar Amino Acids in Peptides: A CF₃â€Substituted Analogue of Serine and Threonine. Angewandte Chemie - International Edition, 2013, 52, 1486-1489.	13.8	48
28	An easy synthesis of Î±-trifluoromethyl-amines from aldehydes or ketones using the Ruppert-Prakash reagent. Tetrahedron Letters, 2013, 54, 1897-1898.	1.4	15
29	Design, Synthesis, and Application of a Trifluoromethylated Phenylalanine Analogue as a Label to Study Peptides by Solidâ€State ¹⁹Fâ€...NMR Spectroscopy. Angewandte Chemie - International Edition, 2013, 52, 6504-6507.	13.8	25
30	Exploiting the Addition of Trimethyl(trifluoromethyl)silane to Functionalized N-Benzylimines for the Preparation of Two Novel x-Trifluoromethyl x-Amino Acids. Synthesis, 2012, 44, 903-908.	2.3	13
31	Expedient Synthesis of cis- and trans-3-Aminocyclobutanecarboxylic Acids. Synthetic Communications, 2011, 41, 1644-1649.	2.1	6
32	Bicyclic Conformationally Restricted Diamines. Chemical Reviews, 2011, 111, 5506-5568.	47.7	89
33	Synthesis of 2-azaspiro[3.3]heptane-derived amino acids: ornitine and GABA analogues. Amino Acids, 2010, 39, 515-521.	2.7	21
34	1-Amino-3,3-difluorocyclobutanecarboxylic acid. Journal of Fluorine Chemistry, 2010, 131, 221-223.	1.7	12
35	Cyclobutane-Derived Diamines: Synthesis and Molecular Structure. Journal of Organic Chemistry, 2010, 75, 5941-5952.	3.2	48
36	Trifluoromethyl-Substituted Analogues of 1-Aminocyclobutane-1-carboxylic Acid. Synlett, 2009, 2009, 1827-1829.	1.8	3

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37	4-Fluoro-2,4-methanoproline. Organic Letters, 2009, 11, 5674-5676.	4.6	44
38	Conformationally Restricted Nonchiral Pipecolic Acid Analogues. Journal of Organic Chemistry, 2009, 74, 5541-5544.	3.2	16
39	Synthesis of conformationally restricted glutamic acid analogs based on the spiro[3.3]heptane scaffold. Tetrahedron: Asymmetry, 2008, 19, 2924-2930.	1.8	21