Thomas W Bell

List of Publications by Year
in descending order

61 papers	1,708 citations	279701 23 h-index	302012 39 g-index
68 all docs	68 docs citations	68 times ranked	1646 citing authors

#	Article	IF	Citations
1	Phenylbutyrate rescues the transport defect of the Sec61Î± mutations V67G and T185A for renin. Life Science Alliance, 2022, 5, e202101150.	1.3	9
2	Reduction of Progranulin-Induced Breast Cancer Stem Cell Propagation by Sortilin-Targeting Cyclotriazadisulfonamide (CADA) Compounds. Journal of Medicinal Chemistry, 2021, 64, 12865-12876.	2.9	4
3	Preprotein signature for full susceptibility to the coâ€translational translocation inhibitor cyclotriazadisulfonamide. Traffic, 2020, 21, 250-264.	1.3	12
4	Full Visible Spectrum and White Light Emission with a Single, Input-Tunable Organic Fluorophore. Journal of the American Chemical Society, 2020, 142, 20306-20312.	6.6	19
5	Syntheses and anti-HIV and human cluster of differentiation 4 (CD4) down-modulating potencies of pyridine-fused cyclotriazadisulfonamide (CADA) compounds. Bioorganic and Medicinal Chemistry, 2020, 28, 115816.	1.4	7
6	Synthesis and Evaluation of 4-Hydroxycoumarin Imines as Inhibitors of Class II Myosins. Journal of Medicinal Chemistry, 2020, 63, 11131-11148.	2.9	6
7	The signal peptide as a new target for drug design. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127115.	1.0	27
8	Tsujiâ€"Trost Cyclization of Disulfonamides: Synthesis of 12-Membered, 11-Membered, and Pyridine-Fused Macrocyclic Triamines. ACS Omega, 2019, 4, 1254-1264.	1.6	6
9	A Proteomic Survey Indicates Sortilin as a Secondary Substrate of the ER Translocation Inhibitor Cyclotriazadisulfonamide (CADA). Molecular and Cellular Proteomics, 2017, 16, 157-167.	2.5	17
10	Protonâ€Gated Photoisomerization of Aminoâ€Substituted Dibenzofulvene Rotors. ChemPhysChem, 2017, 18, 59-63.	1.0	6
11	Synthesis and Photoisomerization of Substituted Dibenzofulvene Molecular Rotors. Chemistry - A European Journal, 2016, 22, 11291-11302.	1.7	12
12	Tuning Side Arm Electronics in Unsymmetrical Cyclotriazadisulfonamide (CADA) Endoplasmic Reticulum (ER) Translocation Inhibitors to Improve their Human Cluster of Differentiation 4 (CD4) Receptor Down-Modulating Potencies. Journal of Medicinal Chemistry, 2016, 59, 2633-2647.	2.9	16
13	Metal complexes of pyridine-fused macrocyclic polyamines targeting the chemokine receptor CXCR4. Organic and Biomolecular Chemistry, 2015, 13, 10517-10526.	1.5	6
14	Signal Peptide-Binding Drug as a Selective Inhibitor of Co-Translational Protein Translocation. PLoS Biology, 2014, 12, e1002011.	2.6	39
15	Cadmium- and zinc-alloyed Cuâ€"Inâ€"S nanocrystals and their optical properties. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	15
16	Improving potencies and properties of CD4 down-modulating CADA analogs. Expert Opinion on Drug Discovery, 2012, 7, 39-48.	2.5	6
17	Controlling the Spatial Orientation of Molecular Actuators: Polarized Photoisomerization of 2-Nitro-9-(2,2,2-triphenylethylidene)fluorene in a Thin Polymer Matrix. Journal of Physical Chemistry A, 2011, 115, 419-427.	1.1	11
18	Unsymmetrical Cyclotriazadisulfonamide (CADA) Compounds as Human CD4 Receptor Down-Modulating Agents. Journal of Medicinal Chemistry, 2011, 54, 5712-5721.	2.9	16

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19	Drugs for Hepatitisâ€…C: Unlocking a New Mechanism of Action. ChemMedChem, 2010, 5, 1663-1665.	1.6	18
20	Differential activity of candidate microbicides against early steps of HIV-1 infection upon complement virus opsonization. AIDS Research and Therapy, 2010, 7, 16.	0.7	6
21	Molecular Machines. ACS Symposium Series, 2010, , 233-248.	0.5	5
22	Human Immunodeficiency Virus Type 1 Escape from Cyclotriazadisulfonamide-Induced CD4-Targeted Entry Inhibition Is Associated with Increased Neutralizing Antibody Susceptibility. Journal of Virology, 2009, 83, 9577-9583.	1.5	10
23	CADA, a Potential Anti-HIV Microbicide that Specifically Targets the Cellular CD4 Receptor. Current HIV Research, 2008, 6, 246-256.	0.2	18
24	Design and cellular kinetics of dansyl-labeled CADA derivatives with anti-HIV and CD4 receptor down-modulating activity. Biochemical Pharmacology, 2007, 74, 566-578.	2.0	13
25	Synthesis and Structureâ˘'Activity Relationship Studies of CD4 Down-Modulating Cyclotriazadisulfonamide (CADA) Analogues. Journal of Medicinal Chemistry, 2006, 49, 1291-1312.	2.9	34
26	Inhibitors of HIV Infection via the Cellular CD4 Receptor. Current Medicinal Chemistry, 2006, 13, 731-743.	1.2	22
27	Supramolecular Optical Chemosensors for Organic Analytes. ChemInform, 2005, 36, no.	0.1	0
28	Syntheses, Structures, and Photoisomerization of (E)- and (Z)-2-tert-Butyl-9-(2,2,2-triphenylethylidene)fluorene. Journal of Physical Chemistry A, 2005, 109, 11650-11654.	1.1	23
29	CADA, a novel CD4-targeted HIV inhibitor, is synergistic with various anti-HIV drugs in vitro. Aids, 2004, 18, 2115-2125.	1.0	67
30	Supramolecular optical chemosensors for organic analytes. Chemical Society Reviews, 2004, 33, 589-98.	18.7	265
31	CD4 Down-Modulating Compounds with Potent Anti-HIV Activity. Current Pharmaceutical Design, 2004, 10, 1795-1803.	0.9	20
32	Syntheses, Conformations, and Basicities of Bicyclic Triamines. Journal of the American Chemical Society, 2003, 125, 12196-12210.	6.6	52
33	The Anti-HIV Potency of Cyclotriazadisulfonamide Analogs Is Directly Correlated with Their Ability to Down-Modulate the CD4 Receptor. Molecular Pharmacology, 2003, 63, 203-210.	1.0	54
34	Circular dichroism readout of sugar recognition in the cleft of a fused-pyridine receptor. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4972-4976.	3.3	34
35	AN IMPROVED PREPARATION OF 4-AMINOPYRIMIDINES-5-CARBOXALDEHYDE. Organic Preparations and Procedures International, 2002, 34, 321-325.	0.6	4
36	Role of Pyridine Hydrogen-Bonding Sites in Recognition of Basic Amino Acid Side Chains. Journal of the American Chemical Society, 2002, 124, 14092-14103.	6.6	42

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37	Reversible Photoinsertion of Ferrocene into a Hydrophobic Semiconductor Surface: A Chemionic Switch. Angewandte Chemie, 2002, 114, 3805-3808.	1.6	2
38	Bond Angle Versus Torsional Deformation in an Overcrowded Alkene: 9-(2,2,2-Triphenylethylidene)fluorene. Chemistry - A European Journal, 2002, 8, 5001-5006.	1.7	9
39	Reversible Photoinsertion of Ferrocene into a Hydrophobic Semiconductor Surface: A Chemionic Switch. Angewandte Chemie - International Edition, 2002, 41, 3653-3656.	7.2	8
40	CADA Inhibits Human Immunodeficiency Virus and Human Herpesvirus 7 Replication by Down-modulation of the Cellular CD4 Receptor. Virology, 2002, 302, 342-353.	1.1	63
41	Synthesis of 1,2,3,4,5,6,7,8-Octahydroacridine via Condensation of Cyclohexanone with Formaldehyde. Journal of Organic Chemistry, 2001, 66, 1525-1527.	1.7	11
42	A Hydrogen-Bonding Receptor That Binds Cationic Monosaccharides with High Affinity in Methanol. Chemistry - A European Journal, 2001, 7, 5270-5276.	1.7	39
43	A Small-Molecule Guanidinium Receptor: The Arginine Cork. Angewandte Chemie - International Edition, 1999, 38, 2543-2547.	7.2	50
44	Carriers and channels: current progress and future prospects. Current Opinion in Chemical Biology, 1998, 2, 711-716.	2.8	18
45	Molecular Architecture. 2.1Synthesis and Metal Complexation of Heptacyclic Terpyridyl Molecular Clefts. Journal of Organic Chemistry, 1998, 63, 2232-2243.	1.7	25
46	A Hydrogen-Bonding Receptor That Binds Urea with High Affinity. Angewandte Chemie International Edition in English, 1997, 36, 1536-1538.	4.4	30
47	Ein Rezeptor, der mit hoher AffinitÃt Harnstoff Ã¼ber WasserstoffbrÃ¼cken bindet. Angewandte Chemie, 1997, 109, 1601-1603.	1.6	8
48	Hocheffektive, Ã¼ber WasserstoffbrÃ¼cken bindende Rezeptoren fÃ¼r Guanidinderivate. Angewandte Chemie, 1995, 107, 2321-2324.	1.6	13
49	Highly Effective Hydrogen-Bonding Receptors for Guanine Derivatives. Angewandte Chemie International Edition in English, 1995, 34, 2163-2165.	4.4	45
50	Complexation of creatinine by synthetic receptors. Tetrahedron, 1995, 51, 363-376.	1.0	26
51	Self-assembly of a double-helical complex of sodium. Nature, 1994, 367, 441-444.	13.7	107
52	Urea transport through supported liquid membranes using synthetic carriers. Journal of Membrane Science, 1993, 82, 277-283.	4.1	23
53	Intrinsic Chromophores and Fluorophores in Synthetic Molecular Receptors. ACS Symposium Series, 1993, , 85-103.	0.5	9
54	Complexation of benzamidinium by a new family of artificial receptors. Journal of the American Chemical Society, 1992, 114, 8300-8302.	6.6	28

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55	A Supramolecular Assembly of Two Torands, Two Lithium Ions, and Three Water Molecules. Angewandte Chemie International Edition in English, 1992, 31, 348-350.	4.4	20
56	Ion-Selective Hydrazoneâ€"Azine Tautomerism of a 14-Membered Macrocylic Ligand. Angewandte Chemie International Edition in English, 1992, 31, 749-751.	4.4	25
57	Ein supramolekularer Verband aus zwei Toranden, zwei Lithiumâ€Ionen und drei WassermolekÃ¼len. Angewandte Chemie, 1992, 104, 321-323.	1.6	7
58	Ionenselektive Hydrazonâ€Azinâ€Tautomerisierung eines 14gliedrigen makrocyclischen Liganden. Angewandte Chemie, 1992, 104, 792-794.	1.6	6
59	Torand Synthesis by Trimerizationâ€"New Receptors for Guanidinium. Angewandte Chemie International Edition in English, 1990, 29, 923-925.	4.4	44
60	The Hexagonal Lattice Approach to Molecular Receptors. , 1990, , 49-56.		13
61	Hexagonal lattice hosts for urea. A new series of designed heterocyclic receptors. Journal of the American Chemical Society, 1988, 110, 3673-3674.	6.6	116