

Thomas W Bell

List of Publications by Year in descending order

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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	Supramolecular optical chemosensors for organic analytes. <i>Chemical Society Reviews</i> , 2004, 33, 589-98.	18.7	265
2	Hexagonal lattice hosts for urea. A new series of designed heterocyclic receptors. <i>Journal of the American Chemical Society</i> , 1988, 110, 3673-3674.	6.6	116
3	Self-assembly of a double-helical complex of sodium. <i>Nature</i> , 1994, 367, 441-444.	13.7	107
4	CADA, a novel CD4-targeted HIV inhibitor, is synergistic with various anti-HIV drugs in vitro. <i>Aids</i> , 2004, 18, 2115-2125.	1.0	67
5	CADA Inhibits Human Immunodeficiency Virus and Human Herpesvirus 7 Replication by Down-modulation of the Cellular CD4 Receptor. <i>Virology</i> , 2002, 302, 342-353.	1.1	63
6	The Anti-HIV Potency of Cyclotriazadisulfonamide Analogs Is Directly Correlated with Their Ability to Down-Modulate the CD4 Receptor. <i>Molecular Pharmacology</i> , 2003, 63, 203-210.	1.0	54
7	Syntheses, Conformations, and Basicities of Bicyclic Triamines. <i>Journal of the American Chemical Society</i> , 2003, 125, 12196-12210.	6.6	52
8	A Small-Molecule Guanidinium Receptor: The Arginine Cork. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2543-2547.	7.2	50
9	Highly Effective Hydrogen-Bonding Receptors for Guanine Derivatives. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2163-2165.	4.4	45
10	Torand Synthesis by Trimerization—New Receptors for Guanidinium. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 923-925.	4.4	44
11	Role of Pyridine Hydrogen-Bonding Sites in Recognition of Basic Amino Acid Side Chains. <i>Journal of the American Chemical Society</i> , 2002, 124, 14092-14103.	6.6	42
12	A Hydrogen-Bonding Receptor That Binds Cationic Monosaccharides with High Affinity in Methanol. <i>Chemistry - A European Journal</i> , 2001, 7, 5270-5276.	1.7	39
13	Signal Peptide-Binding Drug as a Selective Inhibitor of Co-Translational Protein Translocation. <i>PLoS Biology</i> , 2014, 12, e1002011.	2.6	39
14	Circular dichroism readout of sugar recognition in the cleft of a fused-pyridine receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4972-4976.	3.3	34
15	Synthesis and Structure–Activity Relationship Studies of CD4 Down-Modulating Cyclotriazadisulfonamide (CADA) Analogues. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1291-1312.	2.9	34
16	A Hydrogen-Bonding Receptor That Binds Urea with High Affinity. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1536-1538.	4.4	30
17	Complexation of benzamidinium by a new family of artificial receptors. <i>Journal of the American Chemical Society</i> , 1992, 114, 8300-8302.	6.6	28
18	The signal peptide as a new target for drug design. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127115.	1.0	27

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19	Complexation of creatinine by synthetic receptors. <i>Tetrahedron</i> , 1995, 51, 363-376.	1.0	26
20	Ion-Selective Hydrazone-Azine Tautomerism of a 14-Membered Macrocyclic Ligand. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 749-751.	4.4	25
21	Molecular Architecture. 2.1 Synthesis and Metal Complexation of Heptacyclic Terpyridyl Molecular Clefs. <i>Journal of Organic Chemistry</i> , 1998, 63, 2232-2243.	1.7	25
22	Urea transport through supported liquid membranes using synthetic carriers. <i>Journal of Membrane Science</i> , 1993, 82, 277-283.	4.1	23
23	Syntheses, Structures, and Photoisomerization of (E)- and (Z)-2-tert-Butyl-9-(2,2,2-triphenylethylidene)fluorene. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11650-11654.	1.1	23
24	Inhibitors of HIV Infection via the Cellular CD4 Receptor. <i>Current Medicinal Chemistry</i> , 2006, 13, 731-743.	1.2	22
25	A Supramolecular Assembly of Two Torands, Two Lithium Ions, and Three Water Molecules. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 348-350.	4.4	20
26	CD4 Down-Modulating Compounds with Potent Anti-HIV Activity. <i>Current Pharmaceutical Design</i> , 2004, 10, 1795-1803.	0.9	20
27	Full Visible Spectrum and White Light Emission with a Single, Input-Tunable Organic Fluorophore. <i>Journal of the American Chemical Society</i> , 2020, 142, 20306-20312.	6.6	19
28	Carriers and channels: current progress and future prospects. <i>Current Opinion in Chemical Biology</i> , 1998, 2, 711-716.	2.8	18
29	CADA, a Potential Anti-HIV Microbicide that Specifically Targets the Cellular CD4 Receptor. <i>Current HIV Research</i> , 2008, 6, 246-256.	0.2	18
30	Drugs for Hepatitis C: Unlocking a New Mechanism of Action. <i>ChemMedChem</i> , 2010, 5, 1663-1665.	1.6	18
31	A Proteomic Survey Indicates Sortilin as a Secondary Substrate of the ER Translocation Inhibitor Cyclotriazadisulfonamide (CADA). <i>Molecular and Cellular Proteomics</i> , 2017, 16, 157-167.	2.5	17
32	Unsymmetrical Cyclotriazadisulfonamide (CADA) Compounds as Human CD4 Receptor Down-Modulating Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5712-5721.	2.9	16
33	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. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2633-2647.	2.9	16
34	Cadmium- and zinc-alloyed CuInS nanocrystals and their optical properties. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	15
35	Hocheffektive, 1/4ber Wasserstoffbrücken bindende Rezeptoren für Guanidinderivate. <i>Angewandte Chemie</i> , 1995, 107, 2321-2324.	1.6	13
36	Design and cellular kinetics of dansyl-labeled CADA derivatives with anti-HIV and CD4 receptor down-modulating activity. <i>Biochemical Pharmacology</i> , 2007, 74, 566-578.	2.0	13

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37	The Hexagonal Lattice Approach to Molecular Receptors. , 1990, , 49-56.		13
38	Synthesis and Photoisomerization of Substituted Dibenzofulvene Molecular Rotors. Chemistry - A European Journal, 2016, 22, 11291-11302.	1.7	12
39	Preprotein signature for full susceptibility to the coâ€translational translocation inhibitor cyclotriazadisulfonamide. Traffic, 2020, 21, 250-264.	1.3	12
40	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
41	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
42	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
43	Intrinsic Chromophores and Fluorophores in Synthetic Molecular Receptors. ACS Symposium Series, 1993, , 85-103.	0.5	9
44	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
45	Phenylbutyrate rescues the transport defect of the Sec61Î± mutations V67G and T185A for renin. Life Science Alliance, 2022, 5, e202101150.	1.3	9
46	Ein Rezeptor, der mit hoher AffinitÃt Harnstoff Ã¼ber WasserstoffbrÃ¼cken bindet. Angewandte Chemie, 1997, 109, 1601-1603.	1.6	8
47	Reversible Photoinsertion of Ferrocene into a Hydrophobic Semiconductor Surface: A Chemionic Switch. Angewandte Chemie - International Edition, 2002, 41, 3653-3656.	7.2	8
48	Ein supramolekularer Verband aus zwei Toranden, zwei Lithiumâ€Ionen und drei WassermolekÃ¼len. Angewandte Chemie, 1992, 104, 321-323.	1.6	7
49	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
50	Ionenselektive Hydrazonâ€Azinâ€Tautomerisierung eines 14gliedrigen makrocyclischen Liganden. Angewandte Chemie, 1992, 104, 792-794.	1.6	6
51	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
52	Improving potencies and properties of CD4 down-modulating CADA analogs. Expert Opinion on Drug Discovery, 2012, 7, 39-48.	2.5	6
53	Metal complexes of pyridine-fused macrocyclic polyamines targeting the chemokine receptor CXCR4. Organic and Biomolecular Chemistry, 2015, 13, 10517-10526.	1.5	6
54	Protonâ€Gated Photoisomerization of Aminoâ€Substituted Dibenzofulvene Rotors. ChemPhysChem, 2017, 18, 59-63.	1.0	6

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55	Tsuji's Trost Cyclization of Disulfonamides: Synthesis of 12-Membered, 11-Membered, and Pyridine-Fused Macrocyclic Triamines. <i>ACS Omega</i> , 2019, 4, 1254-1264.	1.6	6
56	Synthesis and Evaluation of 4-Hydroxycoumarin Imines as Inhibitors of Class II Myosins. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11131-11148.	2.9	6
57	Molecular Machines. <i>ACS Symposium Series</i> , 2010, , 233-248.	0.5	5
58	AN IMPROVED PREPARATION OF 4-AMINOPYRIMIDINES-5-CARBOXALDEHYDE. <i>Organic Preparations and Procedures International</i> , 2002, 34, 321-325.	0.6	4
59	Reduction of Progranulin-Induced Breast Cancer Stem Cell Propagation by Sortilin-Targeting Cyclotriazadisulfonamide (CADA) Compounds. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12865-12876.	2.9	4
60	Reversible Photoinsertion of Ferrocene into a Hydrophobic Semiconductor Surface: A Chemionic Switch. <i>Angewandte Chemie</i> , 2002, 114, 3805-3808.	1.6	2
61	Supramolecular Optical Chemosensors for Organic Analytes. <i>ChemInform</i> , 2005, 36, no.	0.1	0