

Martin D Smith

List of Publications by Year in descending order

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94
papers

4,872
citations

71102

41
h-index

95266

68
g-index

121
all docs

121
docs citations

121
times ranked

5201
citing authors

#	ARTICLE	IF	CITATIONS
1	Pancreatic ductal adenocarcinoma: Prognostic indicators of advanced disease. PLoS ONE, 2022, 17, e0262439.	2.5	4
2	Targeting Growth Factor Signaling Pathways in Pancreatic Cancer: Towards Inhibiting Chemoresistance. Frontiers in Oncology, 2021, 11, 683788.	2.8	8
3	Serum Metabolomic and Lipoprotein Profiling of Pancreatic Ductal Adenocarcinoma Patients of African Ancestry. Metabolites, 2021, 11, 663.	2.9	8
4	Chemokine receptor 8 expression may be linked to disease severity and elevated interleukin 6 secretion in acute pancreatitis. World Journal of Gastrointestinal Pathophysiology, 2021, 12, 115-133.	1.0	3
5	SWATH-MS based proteomic profiling of pancreatic ductal adenocarcinoma tumours reveals the interplay between the extracellular matrix and related intracellular pathways. PLoS ONE, 2020, 15, e0240453.	2.5	9
6	Immunotherapeutic strategies in pancreatic ductal adenocarcinoma (PDAC): current perspectives and future prospects. Molecular Biology Reports, 2020, 47, 6269-6280.	2.3	7
7	Visibleâ€Lightâ€Mediated Heterocycle Functionalization via Geometrically Interrupted [2+2] Cycloaddition. Angewandte Chemie - International Edition, 2020, 59, 23020-23024.	13.8	29
8	Visibleâ€Lightâ€Mediated Heterocycle Functionalization via Geometrically Interrupted [2+2] Cycloaddition. Angewandte Chemie, 2020, 132, 23220-23224.	2.0	5
9	Delivery of hepato-pancreato-biliary surgery during the COVID-19 pandemic: an European-African Hepato-Pancreato-Biliary Association (E-AHPBA) cross-sectional survey. Hpb, 2020, 22, 1128-1134.	0.3	34
10	Globalization of national surgical, obstetric and anesthesia plans: the critical link between health policy and action in global surgery. Globalization and Health, 2020, 16, 1.	4.9	431
11	Definitions of Computer-Assisted Surgery and Intervention, Image-Guided Surgery and Intervention, Hybrid Operating Room, and Guidance Systems. Annals of Surgery Open, 2020, 1, e021.	1.4	8
12	Increased expression of plakoglobin is associated with upregulated MAPK and PI3K/AKT signalling pathways in early resectable pancreatic ductal adenocarcinoma. Oncology Letters, 2020, 19, 4133-4141.	1.8	6
13	Inflammatory cytokines and combined biomarker panels in pancreatic ductal adenocarcinoma: Enhancing diagnostic accuracy. PLoS ONE, 2019, 14, e0221169.	2.5	20
14	Practical and Scalable Kinetic Resolution of BINOLs Mediated by a Chiral Counterion. Angewandte Chemie, 2019, 131, 4644-4648.	2.0	6
15	Hydrogenâ€Bondâ€Enabled Dynamic Kinetic Resolution of Axially Chiral Amides Mediated by a Chiral Counterion. Angewandte Chemie, 2019, 131, 2821-2824.	2.0	19
16	A halogen-bonding foldamer molecular film for selective reagentless anion sensing in water. Chemical Communications, 2019, 55, 4849-4852.	4.1	45
17	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. Journal of the American Chemical Society, 2019, 141, 4119-4129.	13.7	174
18	Practical and Scalable Kinetic Resolution of BINOLs Mediated by a Chiral Counterion. Angewandte Chemie - International Edition, 2019, 58, 4596-4600.	13.8	26

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19	Hydrogen-Bond-Enabled Dynamic Kinetic Resolution of Axially Chiral Amides Mediated by a Chiral Counterion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2795-2798.	13.8	48
20	Adaptive Immune Cell Dysregulation and Role in Acute Pancreatitis Disease Progression and Treatment. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2018, 66, 199-209.	2.3	12
21	Direct sulfonylation of anilines mediated by visible light. <i>Chemical Science</i> , 2018, 9, 629-633.	7.4	61
22	Catalytic enantioselective synthesis of atropisomeric biaryls by a cation-directed O-alkylation. <i>Nature Chemistry</i> , 2017, 9, 558-562.	13.6	200
23	Neutral iodotriazole foldamers as tetradentate halogen bonding anion receptors. <i>Chemical Communications</i> , 2017, 53, 2483-2486.	4.1	63
24	Visible Light Photocatalysis of 6 π Heterocyclization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9468-9472.	13.8	79
25	Inflammatory cytokines and angiogenic factors as potential biomarkers in South African pancreatic ductal adenocarcinoma patients: A preliminary report. <i>Pancreatology</i> , 2017, 17, 438-444.	1.1	14
26	Discovery of a Highly Selective Cell-Active Inhibitor of the Histone Lysine Demethylases KDM2/7. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15555-15559.	13.8	32
27	C ^α -H Cyanation of 6 π -Ring N-Containing Heteroaromatics. <i>Chemistry - A European Journal</i> , 2017, 23, 14733-14737.	3.3	31
28	Discovery of a Highly Selective Cell-Active Inhibitor of the Histone Lysine Demethylases KDM2/7. <i>Angewandte Chemie</i> , 2017, 129, 15761-15765.	2.0	0
29	Visible Light Photocatalysis of 6 π Heterocyclization. <i>Angewandte Chemie</i> , 2017, 129, 9596-9600.	2.0	17
30	Setting the research and implementation agenda for equitable access to surgical care in South Africa. <i>BMJ Global Health</i> , 2017, 2, e000170.	4.7	13
31	Cytokines as Biomarkers of Pancreatic Ductal Adenocarcinoma: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0154016.	2.5	65
32	A Cascade Strategy Enables a Total Synthesis of (±)-Morphine. <i>Angewandte Chemie</i> , 2016, 128, 14518-14521.	2.0	22
33	Torsional and Electronic Factors Control the C ^α -H... π ...O Interaction. <i>Chemistry - A European Journal</i> , 2016, 22, 16513-16521.	3.3	18
34	A Cascade Strategy Enables a Total Synthesis of (±)-Morphine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14306-14309.	13.8	59
35	Enantioselective Synthesis of 4- and 6-Azaindolines by a Cation-Directed Cyclization. <i>Organic Letters</i> , 2016, 18, 5372-5375.	4.6	7
36	A Counterion-Directed Approach to the Diels-Alder Paradigm: Cascade Synthesis of Tricyclic Fused Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13813-13817.	13.8	9

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37	Catalytic Enantioselective Synthesis of <i>C</i> ₁ - and <i>C</i> ₂ -Symmetric Spiroindanones through Counterion-Directed Enolate <i>C</i> -Acylation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13180-13183.	13.8	32
38	Catalytic Enantioselective Synthesis of <i>C</i> ₁ - and <i>C</i> ₂ -Symmetric Spiroindanones through Counterion-Directed Enolate <i>C</i> -Acylation. <i>Angewandte Chemie</i> , 2016, 128, 13374-13377.	2.0	7
39	A Counterion-Directed Approach to the Diels-Alder Paradigm: Cascade Synthesis of Tricyclic Fused Cyclopropanes. <i>Angewandte Chemie</i> , 2016, 128, 14017-14021.	2.0	3
40	Cation-Directed Enantioselective N-Functionalization of Pyrroles. <i>Synlett</i> , 2015, 27, 6-10.	1.8	6
41	Catalytic enantioselective synthesis of indanes by a cation-directed 5-endo-trig cyclization. <i>Nature Chemistry</i> , 2015, 7, 171-177.	13.6	87
42	Cation-Controlled Enantioselective and Diastereoselective Synthesis of Indolines: An Autoinductive Phase-Transfer Initiated 5-endo-trig Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 13414-13424.	13.7	43
43	Bifunctional crosslinking ligands for transthyretin. <i>Open Biology</i> , 2015, 5, 150105.	3.6	2
44	Enantioselective one-pot synthesis of dihydroquinolones via BINOL-derived Lewis acid catalysis. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5094-5097.	2.8	16
45	Phase-Transfer-Catalysed Synthesis of Pyrroloindolines and Pyridoindolines by a Hydrogen-Bond-Assisted Isocyanide Cyclization Cascade. <i>Chemistry - A European Journal</i> , 2014, 20, 3005-3009.	3.3	18
46	Remote Stereocontrol Transmitted through Helicity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3315-3317.	13.8	5
47	Catalytic Enantioselective Synthesis of Atropisomeric Biaryls: A Cation-Directed Nucleophilic Aromatic Substitution Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12822-12826.	13.8	130
48	Catalytic Enantioselective Synthesis of Atropisomeric Biaryls: A Cation-Directed Nucleophilic Aromatic Substitution Reaction. <i>Angewandte Chemie</i> , 2014, 126, 13036-13040.	2.0	57
49	A cation-directed two-component cascade approach to enantioenriched pyrroloindolines. <i>Chemical Communications</i> , 2014, 50, 13585-13588.	4.1	18
50	A Cascade Strategy Enables a Total Synthesis of (â [~])-Gephyrotoxin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13826-13829.	13.8	24
51	Perspectives of South African general surgeons regarding their postgraduate training. <i>South African Journal of Surgery</i> , 2014, 52, 66.	0.2	0
52	Cation-directed enantioselective synthesis of quaternary-substituted indolenines. <i>Chemical Science</i> , 2013, 4, 2907.	7.4	58
53	Low coherence tandem interferometry for the measurement of differential length sensing at two widely separated locations. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
54	Differential length measurement using low coherence coupled tandem interferometry. , 2013, , .		0

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55	Can a C-H...O Interaction Be a Determinant of Conformation?. <i>Journal of the American Chemical Society</i> , 2012, 134, 12064-12071.	13.7	110
56	Catalytic enantioselective electrocyclic cascades. <i>Chemical Science</i> , 2012, 3, 537-540.	7.4	43
57	Asymmetric electrocyclic reactions. <i>Chemical Society Reviews</i> , 2011, 40, 4217.	38.1	72
58	Laser-based joining for the packaging of miniature optoelectronic devices. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
59	Trapping of palindromic ligands within native transthyretin prevents amyloid formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20483-20488.	7.1	55
60	Glycosylation Catalyzed by a Chiral Brønsted Acid. <i>Organic Letters</i> , 2010, 12, 1452-1455.	4.6	98
61	Plagiarizing Proteins: Enhancing Efficiency in Asymmetric Hydrogen-Bonding Catalysis through Positive Cooperativity. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7391-7394.	13.8	84
62	Catalytic Asymmetric 6π Electrocyclization: Enantioselective Synthesis of Functionalized Indolines. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9979-9982.	13.8	78
63	Favorskii rearrangement of a highly functionalized meso-dihaloketone. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 961-969.	1.8	7
64	A Nonpeptidic Reverse Turn that Promotes Parallel Sheet Structure Stabilized by C-H...O Hydrogen Bonds in a Cyclopropane β^3 -Peptide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7099-7102.	13.8	45
65	Bend-ribbon forming β^3 -peptides. <i>Chemical Communications</i> , 2007, , 2814-2816.	4.1	31
66	Total Synthesis of Thapsigargin, a Potent SERCA Pump Inhibitor. <i>Organic Letters</i> , 2007, 9, 663-666.	4.6	66
67	Total Synthesis of Five Thapsigargins: Guaianolide Natural Products Exhibiting Sub-Nanomolar SERCA Inhibition. <i>Chemistry - A European Journal</i> , 2007, 13, 5688-5712.	3.3	85
68	EMERGENCY THORACIC SURGERY FOR PENETRATING, NON-MEDIASTINAL TRAUMA. <i>ANZ Journal of Surgery</i> , 2007, 77, 142-145.	0.7	19
69	Targeting C-reactive protein for the treatment of cardiovascular disease. <i>Nature</i> , 2006, 440, 1217-1221.	27.8	621
70	Parallel sheet structure in cyclopropane β^3 -peptides stabilized by C-H...O hydrogen bonds. <i>Chemical Communications</i> , 2006, , 5006-5008.	4.1	49
71	Penetrating Cardiac Injuries: Recent Experience in South Africa. <i>World Journal of Surgery</i> , 2006, 30, 1258-1264.	1.6	141
72	Total Synthesis of Antascomycin B. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2732-2737.	13.8	49

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73	Helix-Forming Carbohydrate Amino Acids. <i>Journal of Organic Chemistry</i> , 2005, 70, 2082-2090.	3.2	54
74	Total Synthesis of Two Novel Subpicomolar Sarco/Endoplasmatic Reticulum Ca ²⁺ -ATPase Inhibitors Designed by an Analysis of the Binding Site of Thapsigargin. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7005-7011.	6.4	27
75	Synthesis of the thapsigargin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12073-12078.	7.1	73
76	A Route to the Thapsigargin from (S)-Carvone Providing a Substrate-Controlled Total Synthesis of Trilobolide, Nortrilobolide, and Thapsivillosin F. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5996-6000.	13.8	103
77	Synthesis of all diastereomeric methyl 2,5-anhydro-3-deoxy-hexonates: precursors to C-2-deoxynucleosides and THF-templated Î ³ - and Î ¹ -amino acids. <i>Tetrahedron Letters</i> , 2003, 44, 5853-5857.	1.4	46
78	Bend ribbon-forming tetrahydrofuran amino acidsThis is one of a number of contributions from the current members of the Dyson Perrins Laboratory to mark the end of almost 90 years of organic chemistry research in that building, as all its current academic staff move across South Parks Road to a new purpose-built laboratory.. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3647.	2.8	39
79	Complex tetrahydrofurans from carbohydrate lactones: THF amino acids as building blocks for unnatural biopolymers. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1982-1998.	1.3	45
80	Carbopeptoids: peptides and diketopiperazines incorporating the anomeric centre of mannopyranose. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 807-813.	1.3	17
81	Tetrahydrofuran amino acidsâ€”versatile building blocks for unnatural biopolymers: lack of secondary structure in oligomeric carbopeptoids derived from a D-galacto-5-(aminomethyl) tetrahydrofuran-2-carboxylic acid. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3655-3665.	1.3	36
82	Tetrahydrofuran Î±-Azido Esters: Precursors of Anomeric Î±-Amino Acid Monomers via Radical Bromination. <i>Synlett</i> , 1999, 1999, 1151-1153.	1.8	12
83	Absence of secondary structure in a carbopeptoid tetramer of a trans-5-aminomethyl-tetrahydrofuran-2-carboxylate. <i>Tetrahedron Letters</i> , 1999, 40, 2191-2194.	1.4	36
84	From sequencamers to foldamers? Tetrameric furanose carbopeptoids from cis- and trans-5-aminomethyl-tetrahydrofuran-2-carboxylates. <i>Tetrahedron Letters</i> , 1999, 40, 2195-2198.	1.4	58
85	An octameric carbopeptoid; secondary structure in octameric and tetrameric 5-aminomethyl-tetrahydrofuran-2-carboxylates. <i>Tetrahedron Letters</i> , 1999, 40, 2199-2202.	1.4	74
86	An approach to combinatorial library generation of galactofuranose mimics as potential inhibitors of mycobacterial cell wall biosynthesis: Synthesis of a peptidomimetic of uridine 5â€²-diphosphogalactofuranose (UDP-Galf). <i>Tetrahedron Letters</i> , 1999, 40, 8689-8692.	1.4	50
87	3-Azidotetrahydrofuran-2-carboxylates: monomers for five-ring templated Î²-amino acid foldamers?. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1855-1859.	1.8	33
88	Designing secondary structures: 5-azidomethyl tetrahydrofuran-2-carboxylates as carbohydrate-derived dipeptide isosteres. <i>Journal of Peptide Science</i> , 1999, 5, 425-441.	1.4	64
89	A solid phase approach to oligomers of carbohydrate amino-acids: Secondary structure in a trimeric furanose carbopeptoid. <i>Tetrahedron Letters</i> , 1998, 39, 9293-9296.	1.4	36
90	Secondary structure in oligomers of carbohydrate amino acids. <i>Chemical Communications</i> , 1998, , 2041-2042.	4.1	65

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91	Synthesis of oligomers of tetrahydrofuran amino acids: furanose carbopeptoids. Chemical Communications, 1998, , 2039-2040.	4.1	46
92	Inhibition of UDP-Gal Mutase and Mycobacterial Galactan Biosynthesis by Pyrrolidine Analogues of Galactofuranose. Tetrahedron Letters, 1997, 38, 6733-6736.	1.4	112
93	Mimics of l-rhamnose: Anomeric spirohydantoins and diketopiperazines-approaches to novel N-linked glycopeptides of rhamnofuranose. Tetrahedron: Asymmetry, 1996, 7, 387-390.	1.8	34
94	Mimics of l-rhamnose: Analogues of rhamnopyranose containing a constituent $\hat{\pm}$ -amino acid at the anomeric position. A rhamnopyranose analogue of hydantocidin. Tetrahedron: Asymmetry, 1996, 7, 391-394.	1.8	34