

Michael T Davies-Coleman

List of Publications by Year in descending order

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90
papers

2,922
citations

136950

32
h-index

189892

50
g-index

99
all docs

99
docs citations

99
times ranked

3251
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissions and Marine Boundary Layer Concentrations of Unregulated Chlorocarbons Measured at Cape Point, South Africa. <i>Environmental Science & Technology</i> , 2020, 54, 10514-10523.	10.0	9
2	The colourful chemistry of South African latrunculid sponges. <i>South African Journal of Science</i> , 2019, 115, .	0.7	1
3	Atmospheric HCFC-22, HFC-125, and HFC-152a at Cape Point, South Africa. <i>Environmental Science & Technology</i> , 2019, 53, 8967-8975.	10.0	9
4	Exploratory applications of 2-nitrobenzaldehyde-derived Morita-Baylis-Hillman adducts as synthons in the construction of drug-like scaffolds. <i>Synthetic Communications</i> , 2019, 49, 417-430.	2.1	2
5	Unequivocal determination of caulamidines A and B: application and validation of new tools in the structure elucidation tool box. <i>Chemical Science</i> , 2018, 9, 307-314.	7.4	55
6	A review of four decades of atmospheric trace gas measurements at Cape Point, South Africa. <i>Transactions of the Royal Society of South Africa</i> , 2018, 73, 113-132.	1.1	9
7	Keeping it in the family: Coevolution of latrunculid sponges and their dominant bacterial symbionts. <i>MicrobiologyOpen</i> , 2017, 6, e00417.	3.0	36
8	Antibacterial Activities of Bacteria Isolated from the Marine Sponges <i>Isodictya compressa</i> and <i>Higginsia bidentifera</i> Collected from Algoa Bay, South Africa. <i>Marine Drugs</i> , 2017, 15, 47.	4.6	48
9	Recent Advances in Drug Discovery from South African Marine Invertebrates. <i>Marine Drugs</i> , 2015, 13, 6366-6383.	4.6	16
10	Antiplasmodial activity: The first proof of inhibition of heme crystallization by marine isonitriles. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 373-380.	5.5	22
11	Synthetic Analogues of the Marine Bisindole Deoxytopsentin: Potent Selective Inhibitors of MRSA Pyruvate Kinase. <i>Journal of Natural Products</i> , 2015, 78, 355-362.	3.0	36
12	Marine Bi-, Bis-, and Trisindole Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2014, 73, 1-64.	2.0	10
13	Synthesis and MRSA PK inhibitory activity of thiazole containing deoxytopsentin analogues. <i>Tetrahedron</i> , 2014, 70, 7845-7853.	1.9	16
14	Cytotoxicity of lapachol, $\hat{1}^2$ -lapachone and related synthetic 1,4-naphthoquinones against oesophageal cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 98-110.	5.5	68
15	The Implementation of a Service-Learning Component in an Organic Chemistry Laboratory Course. <i>Journal of Chemical Education</i> , 2013, 90, 578-583.	2.3	27
16	Polypropionates from the South African Marine Mollusk <i>Siphonaria oculus</i> . <i>Journal of Natural Products</i> , 2012, 75, 497-501.	3.0	12
17	Diversity of Bacterial Communities Associated with the Indian Ocean Sponge <i>Tsitsikamma favus</i> That Contains the Bioactive Pyrroloiminoquinones, <i>Tsitsikammamine A</i> and <i>B</i> . <i>Marine Biotechnology</i> , 2012, 14, 681-691.	2.4	18
18	Gordon M. Cragg, D.Phil., D.Sc. (<i>h.c.</i>): A Man for All Natural Products. <i>Journal of Natural Products</i> , 2012, 75, 309-310.	3.0	20

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19	Antimicrobial Rubrolides from a South African Species of Synoicum Tunicate. <i>Journal of Natural Products</i> , 2012, 75, 1824-1827.	3.0	41
20	Cytotoxic and antioxidant marine prenylated quinones and hydroquinones. <i>Natural Product Reports</i> , 2012, 29, 513.	10.3	129
21	Mandelalides Aâ€“D, Cytotoxic Macrolides from a New <i>Lissoclinum</i> Species of South African Tunicate. <i>Journal of Organic Chemistry</i> , 2012, 77, 6066-6075.	3.2	64
22	Marine Bioprospecting in Southern Africa. , 2012, , 193-209.		5
23	Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) Pyruvate Kinase as a Target for Bis-indole Alkaloids with Antibacterial Activities. <i>Journal of Biological Chemistry</i> , 2011, 286, 44716-44725.	3.4	108
24	The cardioprotective effects of marrubiin, a diterpenoid found in <i>Leonotis leonurus</i> extracts. <i>Journal of Ethnopharmacology</i> , 2011, 138, 67-75.	4.1	41
25	Microwave-assisted selenium dioxide oxidation of aryl methyl ketones to aryl glyoxals. <i>Tetrahedron Letters</i> , 2011, 52, 4036-4038.	1.4	16
26	Screening for small molecule modulators of Hsp70 chaperone activity using protein aggregation suppression assays: inhibition of the plasmodial chaperone PfHsp70-1. <i>Biological Chemistry</i> , 2011, 392, 431-8.	2.5	55
27	Synthesis and Anti-Plasmodial Activity of 8 ¹ , 13 ¹ -Dihydroxypodocarpene Derivatives. <i>Journal of Chemical Research</i> , 2011, 35, 18-23.	1.3	4
28	Publicising chemistry in a multicultural society through chemistry outreach. <i>South African Journal of Science</i> , 2011, 107, .	0.7	6
29	Isolation and Characterization of Diastereomers of Discorhabdins H and K and Assignment of Absolute Configuration to Discorhabdins D, N, Q, S, T, and U. <i>Journal of Natural Products</i> , 2010, 73, 1686-1693.	3.0	35
30	Introducing Chemistry Students to the "Real World" of Chemistry. <i>Journal of Chemical Education</i> , 2010, 87, 500-503.	2.3	9
31	Factors influencing prenylation of an aromatic organolithium. <i>Journal of Chemical Research</i> , 2009, 2009, 468-472.	1.3	3
32	Fungal biodegradation of hard coal by a newly reported isolate, <i>Neosartorya fischeri</i> . <i>Biotechnology Journal</i> , 2008, 3, 1407-1416.	3.5	34
33	Bioactive Metabolites from the South African Marine Mollusk <i>Trimusculus costatus</i> . <i>Journal of Natural Products</i> , 2008, 71, 420-425.	3.0	22
34	Autophagy-Modulating Aminosteroids Isolated from the Sponge <i>Cliona celata</i> . <i>Organic Letters</i> , 2008, 10, 2959-2962.	4.6	38
35	Reactive oxygen species mediated apoptosis of esophageal cancer cells induced by marine triprenyl toluquinones and toluhydroquinones. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2535-2543.	4.1	42
36	Synthesis and Cytotoxicity of Analogues of the Marine Secondary Metabolite, 2-Deoxylapachol. <i>Journal of Chemical Research</i> , 2007, 2007, 677-679.	1.3	3

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37	Transformations of Manool. Tri- and Tetracyclic Norditerpenoids with <i>in Vitro</i> Activity against <i>Plasmodium falciparum</i> . <i>Journal of Natural Products</i> , 2007, 70, 1253-1258.	3.0	9
38	Semisynthesis of labdane diterpene metabolites from the nudibranch <i>Pleurobranchaea meckelii</i> . <i>Tetrahedron</i> , 2007, 63, 12179-12184.	1.9	16
39	Spongian diterpenoids from marine sponges. <i>Natural Product Reports</i> , 2006, 23, 321.	10.3	89
40	Malonganenones A-C, novel tetraprenylated alkaloids from the Mozambique gorgonian <i>Leptogorgia gilchristi</i> . <i>Tetrahedron</i> , 2006, 62, 2200-2206.	1.9	34
41	Synthesis of triprenylated toluquinone and toluhydroquinone metabolites from a marine-derived <i>Penicillium</i> fungus. <i>Tetrahedron Letters</i> , 2006, 47, 8243-8246.	1.4	9
42	Transformations of hispanolone. Novel Michael adducts with in planta activity against rice blast. <i>Tetrahedron</i> , 2005, 61, 8493-8498.	1.9	5
43	Antiesophageal Cancer Activity from Southern African Marine Organisms. <i>Annals of the New York Academy of Sciences</i> , 2005, 1056, 405-412.	3.8	21
44	Pyrruloiminoquinone and Related Metabolites from Marine Sponges. <i>ChemInform</i> , 2005, 36, no.	0.0	0
45	Antiinflammatory Metabolites from Marine Sponges. <i>ChemInform</i> , 2005, 36, no.	0.0	0
46	Ten Years of Marine Natural Products Research at Rhodes University. <i>ChemInform</i> , 2005, 36, no.	0.0	1
47	(3Z)-Bromofucin from a South African sea hare. <i>Natural Product Research</i> , 2005, 19, 449-452.	1.8	16
48	Bioactive natural products from southern African marine invertebrates. <i>Studies in Natural Products Chemistry</i> , 2005, 32, 61-107.	1.8	8
49	Makaluvic Acids from the South African Latrunculid Sponge <i>Strongyloidesmaaliwaliensis</i> . <i>Journal of Natural Products</i> , 2005, 68, 506-510.	3.0	21
50	Anti-inflammatory metabolites from marine sponges. <i>Chemical Society Reviews</i> , 2005, 34, 355.	38.1	100
51	Pyrruloiminoquinone and related metabolites from marine sponges. <i>Natural Product Reports</i> , 2005, 22, 62.	10.3	173
52	A new species of <i>Strongyloidesma</i> L vi, 1969 (Porifera; Demospongiae; Poecilosclerida; Latrunculidae) from Aliwal Shoal on the east coast of South Africa. <i>Zootaxa</i> , 2004, 584, 1-11.	0.5	12
53	Novel pyrroloquinoline ribosides from the South African latrunculid sponge <i>Strongyloidesma aliwaliensis</i> . <i>Tetrahedron Letters</i> , 2004, 45, 9415-9418.	1.4	20
54	Cytotoxic Pyrruloiminoquinones from Four New Species of South African Latrunculid Sponges. <i>Journal of Natural Products</i> , 2004, 67, 1268-1276.	3.0	88

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55	An improved synthesis of rhinocerotoic acid. <i>Tetrahedron</i> , 2003, 59, 165-173.	1.9	15
56	The absolute stereochemistry of a diterpene from <i>Ballota aucheri</i> . <i>Phytochemistry</i> , 2003, 63, 409-413.	2.9	25
57	New Anticancer Drugs from Cultured and Collected Marine Organisms. <i>Pharmaceutical Biology</i> , 2003, 41, 6-14.	2.9	18
58	Isolation of Homodolastatin 16, a New Cyclic Depsipeptide from a Kenyan Collection of <i>Lyngbyamajuscula</i> . <i>Journal of Natural Products</i> , 2003, 66, 712-715.	3.0	81
59	Absolute Stereochemistry of Ibhayinol from a South African Sea Hare. <i>Journal of Natural Products</i> , 2002, 65, 580-582.	3.0	13
60	Sequestered Chemistry of the Arminacean Nudibranch <i>Lemindamillecrain</i> Algoa Bay, South Africa. <i>Journal of Natural Products</i> , 2001, 64, 1183-1190.	3.0	59
61	New Non-Contiguous Polypropionates from Marine Molluscs: A Comment on their Natural Product Status. <i>Tetrahedron</i> , 2000, 56, 2497-2502.	1.9	31
62	The Structure and Synthesis of Tsitsikammafuran: A New Furanosesquiterpene from a South African <i>Dysidea</i> Sponge. <i>Tetrahedron</i> , 2000, 56, 9391-9396.	1.9	54
63	Cembrane Diterpenes from the Southern African Soft Coral <i>Cladiellakashmani</i> . <i>Journal of Natural Products</i> , 2000, 63, 1551-1553.	3.0	23
64	Two New Malyngamides from a Madagascan <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2000, 63, 965-968.	3.0	58
65	Stolonic Acids A and B, New Cytotoxic Cyclic Peroxides from an Indian Ocean Ascidian <i>Stolonica</i> Species. <i>Journal of Natural Products</i> , 2000, 63, 1411-1413.	3.0	16
66	Novel polypropionates from the South African marine mollusc <i>Siphonaria capensis</i> . <i>Tetrahedron</i> , 1999, 55, 4051-4056.	1.9	22
67	New Halogenated Sesquiterpenes from South African Specimens of the Circumtropical Sea Hare <i>Aplysiadactylomela</i> . <i>Journal of Natural Products</i> , 1999, 62, 1618-1623.	3.0	23
68	5,6-Dihydro- $\hat{\pm}$ -pyrones from <i>Syncolostemon argenteus</i> . <i>Phytochemistry</i> , 1998, 48, 651-656.	2.9	43
69	Marine polypropionates. <i>Natural Product Reports</i> , 1998, 15, 477.	10.3	136
70	Labdane Diterpenes From the South African Marine Pulmonate <i>Trimusculus Costatus</i> . <i>Natural Product Research</i> , 1998, 12, 47-53.	0.4	20
71	A New Furanosesterterpene from the South African Nudibranch <i>Hypselodoris capensis</i> and a <i>Dictyoceratida</i> Sponge. <i>Journal of Natural Products</i> , 1998, 61, 961-964.	3.0	28
72	Dilemmaones A $\hat{\sim}$ C, Unusual Indole Alkaloids from a Mixed Collection of South African Sponges. <i>Journal of Natural Products</i> , 1998, 61, 699-701.	3.0	34

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73	New Diterpenes from the South African Soft Coral <i>Eleutherobia aurea</i> . <i>Journal of Natural Products</i> , 1997, 60, 889-893.	3.0	21
74	New Polyhydroxylated Pregnadienes from the South African Soft Coral <i>Pieterfaurea unilobata</i> . <i>Journal of Natural Products</i> , 1997, 60, 573-577.	3.0	10
75	New spongiane diterpenes from the East African nudibranch <i>Chromodoris hamiltoni</i> . <i>Tetrahedron</i> , 1997, 53, 4655-4660.	1.9	27
76	Absolute configuration of $\hat{\pm}$ -pyrones from <i>Cryptocarya latifolia</i> and <i>Syncolostemon densiflorus</i> . <i>Phytochemistry</i> , 1997, 44, 935-938.	2.9	23
77	New alkaloids from a South African <i>Iatrunculid</i> sponge. <i>Tetrahedron Letters</i> , 1996, 37, 7135-7138.	1.4	63
78	5,6-Dihydro- $\hat{\pm}$ -pyrones from <i>Syncolostemon parviflorus</i> . <i>Phytochemistry</i> , 1996, 41, 1085-1092.	2.9	15
79	Structure of the 5,6-dihydro- $\hat{\pm}$ -pyrone, <i>umuravumbolide</i> . <i>Phytochemistry</i> , 1995, 38, 791-792.	2.9	23
80	New Metabolites from the South African soft coral <i>Capnella thyrsoidea</i> . <i>Tetrahedron</i> , 1995, 51, 9973-9984.	1.9	39
81	Sesquiterpene hydroquinones from the South African soft coral <i>Alcyonium fauri</i> . <i>Tetrahedron Letters</i> , 1995, 36, 3265-3268.	1.4	31
82	New Antimicrobial C ₁₄ and C ₁₃ Amines from a South African Marine Ascidian. <i>Natural Product Research</i> , 1995, 6, 31-35.	0.4	12
83	An $\hat{\pm}$ -pyrone from <i>Syncolostemon densiflorus</i> . <i>Phytochemistry</i> , 1994, 35, 1590-1592.	2.9	8
84	Teutridin, a neo-clerodane diterpenoid from <i>Teucrium trifidum</i> . <i>Phytochemistry</i> , 1994, 36, 1549-1550.	2.9	10
85	A new EGF-active polymeric pyridinium alkaloid from the sponge <i>Callyspongia fibrosa</i> . <i>Journal of Organic Chemistry</i> , 1993, 58, 5925-5930.	3.2	103
86	Bitter guaianolides from <i>Eriocephalus punctulatus</i> . <i>Phytochemistry</i> , 1992, 31, 2165-2167.	2.9	4
87	New diterpenoic acid glycerides from the antarctic nudibranch <i>austrodoris kerguelensis</i> . <i>Tetrahedron</i> , 1991, 47, 9743-9750.	1.9	52
88	Synrotolide, an $\hat{\pm}$ -pyrone from <i>Syncolostemon rotundifolius</i> . <i>Phytochemistry</i> , 1987, 26, 1497-1499.	2.9	42
89	Stereochemical studies on boronolide, an $\hat{\pm}$ -pyrone from <i>Tetradenia barberae</i> . <i>Phytochemistry</i> , 1987, 26, 3047-3050.	2.9	40
90	Acyclic halogenated monoterpenes from marine macroalgae: Estimated atmospheric lifetimes, potential degradation products, and their atmospheric impacts. <i>Transactions of the Royal Society of South Africa</i> , 0, , 1-16.	1.1	0