Michael T Davies-Coleman

List of Publications by Year
in descending order

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	Pyrroloiminoquinone and related metabolites from marine sponges. Natural Product Reports, 2005, 22, 62.	10.3	173
2	Marine polypropionates. Natural Product Reports, 1998, 15, 477.	10.3	136
3	Cytotoxic and antioxidant marine prenylated quinones and hydroquinones. Natural Product Reports, 2012, 29, 513.	10.3	129
4	Methicillin-resistant Staphylococcus aureus (MRSA) Pyruvate Kinase as a Target for Bis-indole Alkaloids with Antibacterial Activities. Journal of Biological Chemistry, 2011, 286, 44716-44725.	3.4	108
5	A new EGF-active polymeric pyridinium alkaloid from the sponge Callyspongia fibrosa. Journal of Organic Chemistry, 1993, 58, 5925-5930.	3.2	103
6	Anti-inflammatory metabolites from marine sponges. Chemical Society Reviews, 2005, 34, 355.	38.1	100
7	Spongian diterpenoids from marine sponges. Natural Product Reports, 2006, 23, 321.	10.3	89
8	Cytotoxic Pyrroloiminoquinones from Four New Species of South African Latrunculid Sponges. Journal of Natural Products, 2004, 67, 1268-1276.	3.0	88
9	Isolation of Homodolastatin 16, a New Cyclic Depsipeptide from a Kenyan Collection ofLyngbyamajuscula. Journal of Natural Products, 2003, 66, 712-715.	3.0	81
10	Cytotoxicity of lapachol, Î²-lapachone and related synthetic 1,4-naphthoquinones against oesophageal cancer cells. European Journal of Medicinal Chemistry, 2013, 62, 98-110.	5.5	68
11	Mandelalides Aâ€“D, Cytotoxic Macrolides from a New Lissoclinum Species of South African Tunicate. Journal of Organic Chemistry, 2012, 77, 6066-6075.	3.2	64
12	New alkaloids from a South African latrunculid sponge. Tetrahedron Letters, 1996, 37, 7135-7138.	1.4	63
13	Sequestered Chemistry of the Arminacean NudibranchLemindamillecrain Algoa Bay, South Africa. Journal of Natural Products, 2001, 64, 1183-1190.	3.0	59
14	Two New Malyngamides from a MadagascanLyngbya majuscula. Journal of Natural Products, 2000, 63, 965-968.	3.0	58
15	Screening for small molecule modulators of Hsp70 chaperone activity using protein aggregation suppression assays: inhibition of the plasmodial chaperone PfHsp70-1. Biological Chemistry, 2011, 392, 431-8.	2.5	55
16	Unequivocal determination of caulamidines A and B: application and validation of new tools in the structure elucidation tool box. Chemical Science, 2018, 9, 307-314.	7.4	55
17	The Structure and Synthesis of Tsitsikammafuran: A New Furanosesquiterpene from a South African Dysidea Sponge. Tetrahedron, 2000, 56, 9391-9396.	1.9	54
18	New diterpenoic acid glycerides from the antarctic nudibranch austrodoris kerguelensis. Tetrahedron, 1991, 47, 9743-9750.	1.9	52

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19	Antibacterial Activities of Bacteria Isolated from the Marine Sponges Isodictya compressa and Higginsia bidentifera Collected from Algoa Bay, South Africa. Marine Drugs, 2017, 15, 47.	4.6	48
20	5,6-Dihydro-Î±-pyrones from Syncolostemon argenteus. Phytochemistry, 1998, 48, 651-656.	2.9	43
21	Synrotolide, an Î±-pyrone from Syncolostemon rotundifolius. Phytochemistry, 1987, 26, 1497-1499.	2.9	42
22	Reactive oxygen species mediated apoptosis of esophageal cancer cells induced by marine triprenyl toluquinones and toluhydroquinones. Molecular Cancer Therapeutics, 2007, 6, 2535-2543.	4.1	42
23	The cardioprotective effects of marrubiin, a diterpenoid found in Leonotis leonurus extracts. Journal of Ethnopharmacology, 2011, 138, 67-75.	4.1	41
24	Antimicrobial Rubrolides from a South African Species of Synoicum Tunicate. Journal of Natural Products, 2012, 75, 1824-1827.	3.0	41
25	Stereochemical studies on boronolide, an Î±-pyrone from Tetradenia barberae. Phytochemistry, 1987, 26, 3047-3050.	2.9	40
26	New Metabolites from the South African soft coral Capnella thyrsoidea. Tetrahedron, 1995, 51, 9973-9984.	1.9	39
27	Autophagy-Modulating Aminosteroids Isolated from the Sponge Cliona celata. Organic Letters, 2008, 10, 2959-2962.	4.6	38
28	Synthetic Analogues of the Marine Bisindole Deoxytopsentin: Potent Selective Inhibitors of MRSA Pyruvate Kinase. Journal of Natural Products, 2015, 78, 355-362.	3.0	36
29	Keeping it in the family: Coevolution of latrunculid sponges and their dominant bacterial symbionts. MicrobiologyOpen, 2017, 6, e00417.	3.0	36
30	Isolation and Characterization of Diastereomers of Discorhabdins H and K and Assignment of Absolute Configuration to Discorhabdins D, N, Q, S, T, and U. Journal of Natural Products, 2010, 73, 1686-1693.	3.0	35
31	Dilemmaones Aâ^'C, Unusual Indole Alkaloids from a Mixed Collection of South African Sponges. Journal of Natural Products, 1998, 61, 699-701.	3.0	34
32	Malonganenones Aâ€“C, novel tetraprenylated alkaloids from the Mozambique gorgonian Leptogorgia gilchristi. Tetrahedron, 2006, 62, 2200-2206.	1.9	34
33	Fungal biodegradation of hard coal by a newly reported isolate, Neosartorya fischeri. Biotechnology Journal, 2008, 3, 1407-1416.	3.5	34
34	Sesquiterpene hydroquinones from the South African soft coral Alcyonium fauri. Tetrahedron Letters, 1995, 36, 3265-3268.	1.4	31
35	New Non-Contiguous Polypropionates from Marine Molluscs: A Comment on their Natural Product Status. Tetrahedron, 2000, 56, 2497-2502.	1.9	31
36	A New Furanosesterterpene from the South African Nudibranch Hypselodoris capensis and a Dictyoceratida Sponge. Journal of Natural Products, 1998, 61, 961-964.	3.0	28

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37	New spongiane diterpenes from the East African nudibranch Chromodoris hamiltoni. Tetrahedron, 1997, 53, 4655-4660.	1.9	27
38	The Implementation of a Service-Learning Component in an Organic Chemistry Laboratory Course. Journal of Chemical Education, 2013, 90, 578-583.	2.3	27
39	The absolute stereochemistry of a diterpene from Ballota aucheri. Phytochemistry, 2003, 63, 409-413.	2.9	25
40	Structure of the 5,6-dihydro-Î±-pyrone, umuravumbolide. Phytochemistry, 1995, 38, 791-792.	2.9	23
41	Absolute configuration of Î±-pyrones from Cryptocarya latifolia and Syncolostemon densiflorus. Phytochemistry, 1997, 44, 935-938.	2.9	23
42	New Halogenated Sesquiterpenes from South African Specimens of the Circumtropical Sea HareAplysiadactylomela. Journal of Natural Products, 1999, 62, 1618-1623.	3.0	23
43	Cembrane Diterpenes from the Southern African Soft CoralCladiellakashmani. Journal of Natural Products, 2000, 63, 1551-1553.	3.0	23
44	Novel polypropionates from the South African marine mollusc Siphonaria capensis. Tetrahedron, 1999, 55, 4051-4056.	1.9	22
45	Bioactive Metabolites from the South African Marine Mollusk Trimusculus costatus. Journal of Natural Products, 2008, 71, 420-425.	3.0	22
46	Antiplasmodial activity: The first proof of inhibition of heme crystallization by marine isonitriles. European Journal of Medicinal Chemistry, 2015, 93, 373-380.	5.5	22
47	New Diterpenes from the South African Soft CoralEleutherobia aurea. Journal of Natural Products, 1997, 60, 889-893.	3.0	21
48	Antiesophageal Cancer Activity from Southern African Marine Organisms. Annals of the New York Academy of Sciences, 2005, 1056, 405-412.	3.8	21
49	Makaluvic Acids from the South African Latrunculid SpongeStrongylodesmaaliwaliensis. Journal of Natural Products, 2005, 68, 506-510.	3.0	21
50	Labdane Diterpenes From the South African Marine PulmonateTrimusculus Costatus. Natural Product Research, 1998, 12, 47-53.	0.4	20
51	Novel pyrroloquinoline ribosides from the South African latrunculid sponge Strongylodesma aliwaliensis. Tetrahedron Letters, 2004, 45, 9415-9418.	1.4	20
52	Gordon M. Cragg, D.Phil., D.Sc. (h.c.): A Man for All Natural Products. Journal of Natural Products, 2012, 75, 309-310.	3.0	20
53	New Anticancer Drugs from Cultured and Collected Marine Organisms. Pharmaceutical Biology, 2003, 41, 6-14.	2.9	18
54	Diversity of Bacterial Communities Associated with the Indian Ocean Sponge Tsitsikamma favus That Contains the Bioactive Pyrroloiminoquinones, Tsitsikammamine A and B. Marine Biotechnology, 2012, 14, 681-691.	2.4	18

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55	Stolonic Acids A and B, New Cytotoxic Cyclic Peroxides from an Indian Ocean AscidianStolonicaSpecies. Journal of Natural Products, 2000, 63, 1411-1413.	3.0	16
56	(3Z)-Bromofucin from a South African sea hare. Natural Product Research, 2005, 19, 449-452.	1.8	16
57	Semisynthesis of labdane diterpene metabolites from the nudibranch Pleurobranchaea meckelii. Tetrahedron, 2007, 63, 12179-12184.	1.9	16
58	Microwave-assisted selenium dioxide oxidation of aryl methyl ketones to aryl glyoxals. Tetrahedron Letters, 2011, 52, 4036-4038.	1.4	16
59	Synthesis and MRSA PK inhibitory activity of thiazole containing deoxytopsentin analogues. Tetrahedron, 2014, 70, 7845-7853.	1.9	16
60	Recent Advances in Drug Discovery from South African Marine Invertebrates. Marine Drugs, 2015, 13, 6366-6383.	4.6	16
61	5,6-Dihydro-Î±-pyrones from Syncolostemon parviflorus. Phytochemistry, 1996, 41, 1085-1092.	2.9	15
62	An improved synthesis of rhinocerotinoic acid. Tetrahedron, 2003, 59, 165-173.	1.9	15
63	Absolute Stereochemistry of Ibhayinol from a South African Sea Hare. Journal of Natural Products, 2002, 65, 580-582.	3.0	13
64	New Antimicrobial C₁₄and C₁₃Amines from a South African Marine Ascidian. Natural Product Research, 1995, 6, 31-35.	0.4	12
65	A new species of Strongylodesma L vi, 1969 (Porifera; Demospongiae; Poecilosclerida; Latrunculiidae) from Aliwal Shoal on the east coast of South Africa. Zootaxa, 2004, 584, 1â€“11.	0.5	12
66	Polypropionates from the South African Marine Mollusk Siphonaria oculus. Journal of Natural Products, 2012, 75, 497-501.	3.0	12
67	Teutrifidin, a neo-clerodane diterpenoid from Teucrium trifidum. Phytochemistry, 1994, 36, 1549-1550.	2.9	10
68	New Polyhydroxylated Pregnadienes from the South African Soft CoralPieterfaurea unilobata. Journal of Natural Products, 1997, 60, 573-577.	3.0	10
69	Marine Bi-, Bis-, and Trisindole Alkaloids. The Alkaloids Chemistry and Biology, 2014, 73, 1-64.	2.0	10
70	Synthesis of triprenylated toluquinone and toluhydroquinone metabolites from a marine-derived Penicillium fungus. Tetrahedron Letters, 2006, 47, 8243-8246.	1.4	9
71	Transformations of Manool. Tri- and Tetracyclic Norditerpenoids with in Vitro Activity against Plasmodium falciparum. Journal of Natural Products, 2007, 70, 1253-1258.	3.0	9
72	Introducing Chemistry Students to the â€œReal Worldâ€•of Chemistry. Journal of Chemical Education, 2010, 87, 500-503.	2.3	9

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73	A review of four decades of atmospheric trace gas measurements at Cape Point, South Africa. Transactions of the Royal Society of South Africa, 2018, 73, 113-132.	1.1	9
74	Atmospheric HCFC-22, HFC-125, and HFC-152a at Cape Point, South Africa. Environmental Science & Technology, 2019, 53, 8967-8975.	10.0	9
75	Emissions and Marine Boundary Layer Concentrations of Unregulated Chlorocarbons Measured at Cape Point, South Africa. Environmental Science & Technology, 2020, 54, 10514-10523.	10.0	9
76	An Î±-pyrone from Syncolostemon densiflorus. Phytochemistry, 1994, 35, 1590-1592.	2.9	8
77	Bioactive natural products from southern African marine invertebrates. Studies in Natural Products Chemistry, 2005, 32, 61-107.	1.8	8
78	Publicising chemistry in a multicultural society through chemistry outreach. South African Journal of Science, 2011, 107, .	0.7	6
79	Transformations of hispanolone. Novel Michael adducts with in planta activity against rice blast. Tetrahedron, 2005, 61, 8493-8498.	1.9	5
80	Marine Bioprospecting in Southern Africa. , 2012, , 193-209.		5
81	Bitter guaianolides from Eriocephalus punctulatus. Phytochemistry, 1992, 31, 2165-2167.	2.9	4
82	Synthesis and Anti-Plasmodial Activity of 8Î², 13Î²-Dihydroxypodocarpane Derivatives. Journal of Chemical Research, 2011, 35, 18-23.	1.3	4
83	Synthesis and Cytotoxicity of Analogues of the Marine Secondary Metabolite, 2-Deoxylapachol. Journal of Chemical Research, 2007, 2007, 677-679.	1.3	3
84	Factors influencing prenylation of an aromatic organolithium. Journal of Chemical Research, 2009, 2009, 468-472.	1.3	3
85	Exploratory applications of 2-nitrobenzaldehyde-derived Morita-Baylis-Hillman adducts as synthons in the construction of drug-like scaffolds. Synthetic Communications, 2019, 49, 417-430.	2.1	2
86	Ten Years of Marine Natural Products Research at Rhodes University. ChemInform, 2005, 36, no.	0.0	1
87	The colourful chemistry of South African latrunculid sponges. South African Journal of Science, 2019, 115, .	0.7	1
88	Pyrroloiminoquinone and Related Metabolites from Marine Sponges. ChemInform, 2005, 36, no.	0.0	0
89	Antiinflammatory Metabolites from Marine Sponges. ChemInform, 2005, 36, no.	0.0	0
90	Acyclic halogenated monoterpenes from marine macroalgae: Estimated atmospheric lifetimes, potential degradation products, and their atmospheric impacts. Transactions of the Royal Society of South Africa, 0, , 1-16.	1.1	0