Colin J Suckling

List of Publications by Year
in descending order

58 papers	1,359 citations	361296 20 h-index	395590 33 g-index
61 all docs	61 docs citations	61 times ranked	1689 citing authors

#	Article	IF	Citations
1	Intranasally administered S-MGB-364 displays antitubercular activity and modulates the host immune response to Mycobacterium tuberculosis infection. Journal of Antimicrobial Chemotherapy, 2022, 77, 1061-1071.	1.3	5
2	Multitargeted anti-infective drugs: resilience to resistance in the antimicrobial resistanceÂera. Future Drug Discovery, 2022, 4, .	0.8	9
3	Lead optimisation efforts on a molecular prototype of the immunomodulatory parasitic protein ES-62. ChemistrySelect, 2022, .	0.7	0
4	Truncated S-MGBs: towards a parasite-specific and low aggregation chemotype. RSC Medicinal Chemistry, 2021, 12, 1391-1401.	1.7	2
5	Discovery of a Novel Bromodomain and Extra Terminal Domain (BET) Protein Inhibitor, I-BET282E, Suitable for Clinical Progression. Journal of Medicinal Chemistry, 2021, 64, 12200-12227.	2.9	26
6	Suppression of inflammatory arthritis by the parasitic worm product ES-62 is associated with epigenetic changes in synovial fibroblasts. PLoS Pathogens, 2021, 17, e1010069.	2.1	10
7	The potential for new and resilient anti-cancer drugs based upon minor groove binders for DNA. Medical Research Archives, 2021, 9, .	0.1	4
8	Mycobacterium tuberculosis Decaprenylphosphoryl-Î²-<scp>d</scp>-ribose Oxidase Inhibitors: Expeditious Reconstruction of Suboptimal Hits into a Series with Potent in Vivo Activity. Journal of Medicinal Chemistry, 2020, 63, 2557-2576.	2.9	22
9	Selective in vitro anti-cancer activity of non-alkylating minor groove binders. MedChemComm, 2019, 10, 1620-1634.	3.5	10
10	Synthetic small molecule analogues of the immunomodulatory Acanthocheilonema viteae product ES-62 promote metabolic homeostasis during obesity in a mouse model. Molecular and Biochemical Parasitology, 2019, 234, 111232.	0.5	11
11	Novel Minor Groove Binders Cure Animal African Trypanosomiasis in an in Vivo Mouse Model. Journal of Medicinal Chemistry, 2019, 62, 3021-3035.	2.9	18
12	Small Molecule Analogues of the parasitic worm product ES-62 interact with the TIR domain of MyD88 to inhibit pro-inflammatory signalling. Scientific Reports, 2018, 8, 2123.	1.6	21
13	Discovery of (S)-3-(3-(3,5-Dimethyl-1H-pyrazol-1-yl)phenyl)-4-((R)-3-(2-(5,6,7,8-tetrahydro-1,8-naphthyridin-2-yl)ethyl)pyrrolidi Acid, a Nonpeptidic Î±_vÎ²₆ Integrin Inhibitor for the Inhaled Treatment of Idiopathic Pulmonary Fibrosis. Journal of Medicinal Chemistry, 2018, 61, 8417-8443.	2.9	31
14	Synthetic analogues of the parasitic worm product ES-62 reduce disease development in in vivo models of lung fibrosis. Acta Tropica, 2018, 185, 212-218.	0.9	11
15	Protection Against Arthritis by the Parasitic Worm Product ES-62, and Its Drug-Like Small Molecule Analogues, Is Associated With Inhibition of Osteoclastogenesis. Frontiers in Immunology, 2018, 9, 1016.	2.2	31
16	Dendritic cells provide a therapeutic target for synthetic small molecule analogues of the parasitic worm product, ES-62. Scientific Reports, 2017, 7, 1704.	1.6	21
17	An evaluation of Minor Groove Binders as anti-fungal and anti-mycobacterial therapeutics. European Journal of Medicinal Chemistry, 2017, 136, 561-572.	2.6	15
18	Discovery of a Potent, Cell Penetrant, and Selective p300/CBP-Associated Factor (PCAF)/General Control Nonderepressible 5 (GCN5) Bromodomain Chemical Probe. Journal of Medicinal Chemistry, 2017, 60, 695-709.	2.9	70

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19	Evaluation of minor groove binders (MGBs) as novel anti-mycobacterial agents and the effect of using non-ionic surfactant vesicles as a delivery system to improve their efficacy. Journal of Antimicrobial Chemotherapy, 2017, 72, 3334-3341.	1.3	18
20	Inhibitory Kappa B Kinase Î± (IKKÎ±) Inhibitors That Recapitulate Their Selectivity in Cells against Isoform-Related Biomarkers. Journal of Medicinal Chemistry, 2017, 60, 7043-7066.	2.9	23
21	Four pyrrole derivatives used as building blocks in the synthesis of minor-groove binders. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 254-259.	0.2	2
22	An evaluation of Minor Groove Binders as anti- Trypanosoma brucei brucei therapeutics. European Journal of Medicinal Chemistry, 2016, 116, 116-125.	2.6	24
23	Selective anti-malarial minor groove binders. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3326-3329.	1.0	13
24	An evaluation of Minor Groove Binders as anti-lung cancer therapeutics. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3478-3486.	1.0	11
25	Cell Penetrant Inhibitors of the KDM4 and KDM5 Families of Histone Lysine Demethylases. 2. Pyrido[3,4-d]pyrimidin-4(3H)-one Derivatives. Journal of Medicinal Chemistry, 2016, 59, 1370-1387.	2.9	62
26	Structurally Diverse Mitochondrial Branched Chain Aminotransferase (BCATm) Leads with Varying Binding Modes Identified by Fragment Screening. Journal of Medicinal Chemistry, 2016, 59, 2452-2467.	2.9	23
27	Prophylactic and therapeutic treatment with a synthetic analogue of a parasitic worm product prevents experimental arthritis and inhibits IL-1Î² production via NRF2-mediated counter-regulation of the inflammasome. Journal of Autoimmunity, 2015, 60, 59-73.	3.0	72
28	The Discovery of in Vivo Active Mitochondrial Branched-Chain Aminotransferase (BCATm) Inhibitors by Hybridizing Fragment and HTS Hits. Journal of Medicinal Chemistry, 2015, 58, 7140-7163.	2.9	29
29	Protective effect of small molecule analogues of the Acanthocheilonema viteae secreted product ES-62 on oxazolone-induced ear inflammation. Experimental Parasitology, 2015, 158, 18-22.	0.5	9
30	Crystal structure ofN,N-dimethyl-2-[(4-methylbenzyl)sulfonyl]ethanamine. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 757-759.	0.2	0
31	Novel TPP-riboswitch activators bypass metabolic enzyme dependency. Frontiers in Chemistry, 2014, 2, 53.	1.8	17
32	Oligoamides of 2-amino-5-alkylthiazole 4-carboxylic acids: anti-trypanosomal compounds. Medicinal Chemistry Research, 2014, 23, 1170-1179.	1.1	8
33	Small molecule analogues of the immunomodulatory parasitic helminth product ES-62 have anti-allergy properties. International Journal for Parasitology, 2014, 44, 669-674.	1.3	36
34	Exceptionally strong intermolecular association in hydrophobic DNA minor groove binders and their potential therapeutic consequences. MedChemComm, 2013, 4, 1105.	3.5	10
35	Minor groove binders as anti-infective agents. , 2013, 139, 12-23.		73
36	The diversityâ€oriented synthesis of pteridinesâ€”achievements and potential for development. IUBMB Life, 2013, 65, 283-299.	1.5	7

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37	Asymmetric Rhodium-Catalysed Addition of Arylboronic Acids to Acyclic Unsaturated Esters Containing a Basic Î³-Amino Group. Synlett, 2012, 23, 2817-2821.	1.0	16
38	Rationalising sequence selection by ligand assemblies in the DNA minor groove: the case for thiazotropsin A. Chemical Science, 2012, 3, 711-722.	3.7	20
39	From multiply active natural product to candidate drug? Antibacterial (and other) minor groove binders for DNA. Future Medicinal Chemistry, 2012, 4, 971-989.	1.1	23
40	Ranking Ligand Affinity for the DNA Minor Groove by Experiment and Simulation. ACS Medicinal Chemistry Letters, 2010, 1, 376-380.	1.3	9
41	A detailed binding free energy study of 2 : 1 ligandâ€“DNA complex formation by experiment and simulation. Physical Chemistry Chemical Physics, 2009, 11, 10682.	1.3	49
42	Molecular recognition and physicochemical properties in the discovery of selective antibacterial minor groove binders. Journal of Physical Organic Chemistry, 2008, 21, 575-583.	0.9	31
43	6-Acetyl-7,7-dimethyl-5,6,7,8-tetrahydropterin is an activator of nitric oxide synthases. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1563-1566.	1.0	21
44	Catalytic antibodies-more than a chemical curiosity?. Journal of Chemical Technology and Biotechnology, 2007, 57, 288-289.	1.6	0
45	Antimicrobial Lexitropsins Containing Amide, Amidine, and Alkene Linking Groups. Journal of Medicinal Chemistry, 2007, 50, 6116-6125.	2.9	77
46	M4 agonists/5HT7 antagonists with potential as antischizophrenic drugs: Serominic compounds. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2649-2655.	1.0	22
47	DNA sequence recognition by an isopropyl substituted thiazole polyamide. Nucleic Acids Research, 2004, 32, 3410-3417.	6.5	22
48	DNA binding of a short lexitropsin. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1353-1356.	1.0	27
49	Short Lexitropsin that Recognizes the DNA Minor Groove at 5â€˜-ACTAGT-3â€˜:Â Understanding the Role of Isopropyl-thiazole. Journal of the American Chemical Society, 2004, 126, 11338-11349.	6.6	39
50	Minor groove binders 1998 â€“ 2004. Expert Opinion on Therapeutic Patents, 2004, 14, 1693-1724.	2.4	19
51	Synthesis of novel DNA binding agents: indole-containing analogues of bis-netropsin. Journal of Chemical Research, 2000, 2000, 264-265.	0.6	8
52	Pteridines and Purines as Probes and Inhibitors of Folate Biosynthesis. Pteridines, 1995, 6, 90-92.	0.5	6
53	Catalytic antibodies: designed and accidental. Biochemical Society Transactions, 1993, 21, 1099-1102.	1.6	1
54	Catalytic antibodies â€” A new window on protein chemistry. Biochemical Society Transactions, 1992, 20, 216-220.	1.6	3

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55	Solvent effects on biocatalysis in organic systems: Equilibrium position and rates of lipase catalyzed esterification. Biotechnology and Bioengineering, 1991, 38, 1137-1143.	1.7	180
56	Catalytic Antibodies: A New Window on Protein Chemistry. Novartis Foundation Symposium, 1991, 159, 201-210.	1.2	2
57	The oxidation of cyclopropyl benzene by rat liver microsomal cytochrome P -450: an unusual triple oxidation of a substrate. FEBS Letters, 1982, 145, 179-181.	1.3	7
58	Inhibition of [3H]GABA Binding to Postsynaptic Receptors in Human Cerebellar Synaptic Membranes by Carboxyl and Amino Derivatives of GABA. Journal of Neurochemistry, 1981, 37, 837-844.	2.1	18