

# Drug Discovery and Natural Products: End of an Era or

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Medicinal Chemistry. , 2008, , 63-72.		1
2	Design of chemical libraries for screening. Expert Opinion on Drug Discovery, 2009, 4, 1215-1220.	2.5	22
3	Actinobacteria as mutualists: general healthcare for insects?. Trends in Microbiology, 2009, 17, 529-535.	3.5	238
4	Antibiotics for Emerging Pathogens. Science, 2009, 325, 1089-1093.	6.0	1,544
5	Potential of Plant-Derived Natural Products in the Treatment of Leukemia and Lymphoma. Current Drug Targets, 2010, 11, 812-822.	1.0	79
6	Antisense Antibiotics: A Brief Review of Novel Target Discovery and Delivery. Current Drug Discovery Technologies, 2010, 7, 76-85.	0.6	43
8	Medicinal Mushroom Science: History, Current Status, Future Trends, and Unsolved Problems. International Journal of Medicinal Mushrooms, 2010, 12, 1-16.	0.9	350
9	Assessing the drug-likeness of lamellarins, a marine-derived natural product class with diverse oncological activities. European Journal of Medicinal Chemistry, 2010, 45, 2165-2172.	2.6	29
10	Characteristics of known drug space. Natural products, their derivatives and synthetic drugs. European Journal of Medicinal Chemistry, 2010, 45, 5646-5652.	2.6	99
11	The continuing search for antitumor agents from higher plants. Phytochemistry Letters, 2010, 3, 1-8.	0.6	124
12	Synthesis of triazole analogues of the nanaomycin antibiotics using "click chemistry". Tetrahedron, 2010, 66, 4002-4009.	1.0	22
13	Computer simulations of quantum tunnelling in enzyme-catalysed hydrogen transfer reactions. Interdisciplinary Sciences, Computational Life Sciences, 2010, 2, 78-97.	2.2	15
14	Beyond directed evolution: Darwinian selection as a tool for synthetic biology. Systems and Synthetic Biology, 2010, 4, 1-6.	1.0	17
15	A survey of yeast genomic assays for drug and target discovery. , 2010, 127, 156-164.		108
16	Drug discovery from uncultivable microorganisms. Drug Discovery Today, 2010, 15, 792-799.	3.2	65
17	The pharmaceutical value of marine biodiversity for anti-cancer drug discovery. Ecological Economics, 2010, 70, 445-451.	2.9	70
18	Small molecule modulation of HH-Gli signaling: Current leads, trials and tribulations. Biochemical Pharmacology, 2010, 80, 712-723.	2.0	82
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21	Synthetic Chain Terminators Offer Load Intermediates from a Type I Polyketide Synthase. <i>ChemBioChem</i> , 2010, 11, 539-546.	1.3	32
22	Identifizierung und Expression neuer Biokatalysatoren. <i>Chemie-Ingenieur-Technik</i> , 2010, 82, 27-34.	0.4	0
23	Improved Expression of His <sup>6</sup> -Tagged Strictosidine Synthase cDNA for Chemo-Enzymatic Alkaloid Diversification. <i>Chemistry and Biodiversity</i> , 2010, 7, 860-870.	1.0	20
25	Salinosporamide Natural Products: Potent 20S Proteasome Inhibitors as Promising Cancer Chemotherapeutics. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9346-9367.	7.2	214
26	Special Series: Natural products at the core of drug discovery. <i>Biopolymers</i> , 2010, 93, 753-754.	1.2	0
27	Hydro-ethanolic extract of cashew tree ( <i>Anacardium occidentale</i> ) nut and its principal compound, anacardic acid, stimulate glucose uptake in C2C12 muscle cells. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1753-1762.	1.5	41
29	Conservation phylogenetics of helodermatid lizards using multiple molecular markers and a supertree approach. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 153-167.	1.2	33
30	Enhancements of screening collections to address areas of unmet medical need: an industry perspective. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 289-298.	2.8	121
31	Genetic chemistry: production of non-native compounds in yeast. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 390-395.	2.8	13
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34	Synthesis and structure-activity relationships of novel furazan-3,4-diamide analogs as potent anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1148-1152.	1.0	12
35	Synthetic analogs of indole-containing natural products as inhibitors of sortase A and isocitrate lyase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6882-6885.	1.0	40
37	Investigating lipoprotein biogenesis and function in the model Gram-positive bacterium <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2010, 77, 943-957.	1.2	56
38	Cell reprogramming: expectations and challenges for chemistry in stem cell biology and regenerative medicine. <i>Cell Death and Differentiation</i> , 2010, 17, 1230-1237.	5.0	42
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43	Climatic changes: what if the global increase of CO2 emissions cannot be kept under control?. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 230-233.	0.7	1
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45	Recovery of PEX1-Gly843Asp peroxisome dysfunction by small-molecule compounds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5569-5574.	3.3	52
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47	Schweinfurthin A Selectively Inhibits Proliferation and Rho Signaling in Glioma and Neurofibromatosis Type 1 Tumor Cells in a NF1-GRD-Dependent Manner. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1234-1243.	1.9	38
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57	The T1R2/T1R3 Sweet Receptor and TRPM5 Ion Channel. <i>Progress in Molecular Biology and Translational Science</i> , 2010, 91, 151-208.	0.9	16
58	Distinct Biological Network Properties between the Targets of Natural Products and Disease Genes. <i>Journal of the American Chemical Society</i> , 2010, 132, 9259-9261.	6.6	79
59	Capturing Bacterial Metabolic Exchange Using Thin Film Desorption Electrospray Ionization-Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 1598-1600.	3.2	94

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61	A Short Total Synthesis of (+)-Omaezakianol via an Epoxide-Initiated Cationic Cascade Reaction. Organic Letters, 2010, 12, 1512-1514.	2.4	44
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79	Total Synthesis and Biological Evaluation of Tyroscherin. Organic Letters, 2010, 12, 4308-4311.	2.4	37
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81	Medicinal chemistry for 2020. Future Medicinal Chemistry, 2011, 3, 1765-1786.	1.1	35
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99	Class IIa Bacteriocins: Current Knowledge and Perspectives. , 2011, , 171-195.		13
100	Modern Natural Products Drug Discovery and Its Relevance to Biodiversity Conservation. Journal of Natural Products, 2011, 74, 496-511.	1.5	424

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103	Immunosuppressive Polyketides from Mantis-Associated <i>Daldinia eschscholzii</i> . <i>Journal of the American Chemical Society</i> , 2011, 133, 5931-5940.	6.6	138
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108	High-throughput screening for modulators of protein-protein interactions: use of photonic crystal biosensors and complementary technologies. <i>Chemical Society Reviews</i> , 2011, 40, 4398-4410.	18.7	46
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110	Molecular modeling of drug-DNA interactions: Virtual screening to structure-based design. <i>Biochimie</i> , 2011, 93, 1252-1266.	1.3	47
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131	Computational Approaches for the Discovery of Natural Lead Structures. , 2011, , 97-132.		1
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133	<i>Streptomyces</i> associated with a marine sponge <i>Haliclona</i> sp.; biosynthetic genes for secondary metabolites and products. <i>Environmental Microbiology</i> , 2011, 13, 391-403.	1.8	93
134	Ecology and bioprospecting. <i>Austral Ecology</i> , 2011, 36, 341-356.	0.7	44
135	Construction of bispirooxindoles containing three quaternary stereocentres in a cascade using a single multifunctional organocatalyst. <i>Nature Chemistry</i> , 2011, 3, 473-477.	6.6	448
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145	Combinatorial biosynthesis in plants: A (p)review on its potential and future exploitation. <i>Natural Product Reports</i> , 2011, 28, 1897.	5.2	64
146	What Do Medicinal Chemists Actually Make? A 50-Year Retrospective. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6405-6416.	2.9	323
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169	Synthesis and evaluation of 1-(1H-indol-3-yl)ethanamine derivatives as new antibacterial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3204-3215.	1.4	20
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171	Polyketides produced by <i>Daldinia loculata</i> cultured from Northern Manitoba. <i>Tetrahedron Letters</i> , 2011, 52, 1697-1699.	0.7	21
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#	ARTICLE	IF	CITATIONS
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