Robert H Cichewicz

List of Publications by Year
in descending order

87	3,957	186209 28	123376 61
papers	citations	h-index	g-index

96	96	96	5137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Leucinostatins from Ophiocordyceps sp. as Antiparasitic Agents against Trypanosoma cruzi. ACS Omega, 2022, 7, 7675-7682.	1.6	3
2	Assessing Microbial Metabolic and Biological Diversity to Inform Natural Product Library Assembly. Journal of Natural Products, 2022, 85, 1079-1088.	1.5	2
3	Dried Plumâ€™s Polyphenolic Compounds and Carbohydrates Contribute to Its Osteoprotective Effects and Exhibit Prebiotic Activity in Estrogen Deficient C57BL/6 Mice. Nutrients, 2022, 14, 1685.	1.7	2
4	Tolypocladamides Aâ€“G: Cytotoxic Peptaibols from Tolypocladium inflatum. Journal of Natural Products, 2022, 85, 1603-1616.	1.5	4
5	An Integrated Strategy for the Detection, Dereplication, and Identification of DNA-Binding Biomolecules from Complex Natural Product Mixtures. Journal of Natural Products, 2021, 84, 750-761.	1.5	8
6	Leveraging Peptaibol Biosynthetic Promiscuity for Next-Generation Antiplasmodial Therapeutics. Journal of Natural Products, 2021, 84, 503-517.	1.5	15
7	Yuanhuacine Is a Potent and Selective Inhibitor of the Basal-Like 2 Subtype of Triple Negative Breast Cancer with Immunogenic Potential. Cancers, 2021, 13, 2834.	1.7	8
8	Roseabol A, a New Peptaibol from the Fungus Clonostachys rosea. Molecules, 2021, 26, 3594.	1.7	4
9	Identification of natural product modulators of Merkel cell carcinoma cell growth and survival. Scientific Reports, 2021, 11, 13597.	1.6	3
10	Cyclic Tetrapeptide HDAC Inhibitors with Improved Plasmodium falciparum Selectivity and Killing Profile. ACS Infectious Diseases, 2021, 7, 2889-2903.	1.8	11
11	Building Natural Product Libraries Using Quantitative Clade-Based and Chemical Clustering Strategies. MSystems, 2021, 6, e0064421.	1.7	3
12	Altertoxin II, a Highly Effective and Specific Compound against Ewing Sarcoma. Cancers, 2021, 13, 6176.	1.7	4
13	CRISPR-Cas9 Genome-Wide Knockout Screen Identifies Mechanism of Selective Activity of Dehydrofalcarinol in Mesenchymal Stem-like Triple-Negative Breast Cancer Cells. Journal of Natural Products, 2020, 83, 3080-3092.	1.5	13
14	Triple-Negative Breast Cancer Cells Exhibit Differential Sensitivity to Cardenolides from Calotropis gigantea. Journal of Natural Products, 2020, 83, 2269-2280.	1.5	17
15	Chemoenzymatic synthesis of daptomycin analogs active against daptomycin-resistant strains. Applied Microbiology and Biotechnology, 2020, 104, 7853-7865.	1.7	20
16	Leucinostatins fromOphiocordycepsspp. andPurpureocilliumspp. Demonstrate Selective Antiproliferative Effects in Cells Representing the Luminal Androgen Receptor Subtype of Triple Negative Breast Cancer. Journal of Natural Products, 2020, 83, 2010-2024.	1.5	10
17	Local Phenomena Shape Backyard Soil Metabolite Composition. Metabolites, 2020, 10, 86.	1.3	10
18	Structure elucidation and absolute configuration of metabolites from the soil-derived fungus Dictyosporium digitatum using spectroscopic and computational methods. Phytochemistry, 2020, 173, 112278.	1.4	6

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19	Using the Cancer Dependency Map to Identify the Mechanism of Action of a Cytotoxic Alkenyl Derivative from the Fruit of Choerospondias axillaris. Journal of Natural Products, 2020, 83, 584-592.	1.5	9
20	Cholinesterase Inhibitory Arisugacins Lâ€“Q from a Penicillium sp. Isolate Obtained through a Citizen Science Initiative and Their Activities in a Phenotype-Based Zebrafish Assay. Journal of Natural Products, 2019, 82, 2627-2637.	1.5	8
21	An Electrophilic Natural Product Provides a Safe and Robust Odor Neutralization Approach To Counteract Malodorous Organosulfur Metabolites Encountered in Skunk Spray. Journal of Natural Products, 2019, 82, 1989-1999.	1.5	6
22	Design and Application of a High-Throughput, High-Content Screening System for Natural Product Inhibitors of the Human Parasite Trichomonas vaginalis. ACS Infectious Diseases, 2019, 5, 1456-1470.	1.8	12
23	Natural-Product-Inspired Compounds as Countermeasures against the Liver Carcinogen Aflatoxin B₁. Journal of Natural Products, 2019, 82, 1694-1703.	1.5	9
24	In Situ Ring Contraction and Transformation of the Rhizoxin Macrocycle through an Abiotic Pathway. Journal of Natural Products, 2019, 82, 886-894.	1.5	2
25	Anacolosins Aâ€“F and Corymbulosins X and Y, Clerodane Diterpenes from Anacolosa clarkii Exhibiting Cytotoxicity toward Pediatric Cancer Cell Lines. Journal of Natural Products, 2019, 82, 928-936.	1.5	17
26	Identification of C-6 as a New Site for Linker Conjugation to the Taccalonolide Microtubule Stabilizers. Journal of Natural Products, 2019, 82, 583-588.	1.5	8
27	Secondary Metabolites from the Fungus Dictyosporium sp. and Their MALT1 Inhibitory Activities. Journal of Natural Products, 2019, 82, 154-162.	1.5	15
28	What lies beneath? Fungal diversity at the bottom of Lake Michigan and Lake Superior. Journal of Great Lakes Research, 2018, 44, 263-270.	0.8	29
29	Taccalonolide Microtubule Stabilizers Generated Using Semisynthesis Define the Effects of Mono Acyloxy Moieties at C-7 or C-15 and Disubstitutions at C-7 and C-25. Journal of Natural Products, 2018, 81, 579-593.	1.5	14
30	Select polyphenolic fractions from dried plum enhance osteoblast activity through BMP-2 signaling. Journal of Nutritional Biochemistry, 2018, 55, 59-67.	1.9	19
31	Pharmacokinetic Analysis and in Vivo Antitumor Efficacy of Taccalonolides AF and AJ. Journal of Natural Products, 2017, 80, 409-414.	1.5	17
32	Special Issue in Honor of Professor Phil Crews. Journal of Natural Products, 2017, 80, 579-581.	1.5	1
33	Unique amalgamation of primary and secondary structural elements transform peptaibols into potent bioactive cell-penetrating peptides. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8957-E8966.	3.3	24
34	Structureâ€“Activity Relationships of New Natural Product-Based Diaryloxazoles with Selective Activity against Androgen Receptor-Positive Breast Cancer Cells. Journal of Medicinal Chemistry, 2017, 60, 9275-9289.	2.9	28
35	Growth Inhibition of Colon Cancer and Melanoma Cells by Versiol Derivatives from a Paraconiothyrium Species. Journal of Natural Products, 2017, 80, 2037-2044.	1.5	19
36	Opportunistic Sampling of Roadkill as an Entry Point to Accessing Natural Products Assembled by Bacteria Associated with Non-anthropoidal Mammalian Microbiomes. Journal of Natural Products, 2017, 80, 598-608.	1.5	25

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37	Osteoclast Differentiation is Downregulated by Select Polyphenolic Fractions from Dried Plum via Suppression of MAPKs and Nfatc1 in Mouse C57BL/6 Primary Bone Marrow Cells. Current Developments in Nutrition, 2017, 1, cdn.117.000406.	0.1	14
38	Chemoreactive Natural Products that Afford Resistance Against Disparate Antibiotics and Toxins. Angewandte Chemie - International Edition, 2016, 55, 4220-4225.	7.2	12
39	Spatial Molecular Architecture of the Microbial Community of a Peltigera Lichen. MSystems, 2016, 1, .	1.7	36
40	Efficacy of ampicillin against methicillin-resistant Staphylococcus aureus restored through synergy with branched poly(ethylenimine). Journal of Antibiotics, 2016, 69, 871-878.	1.0	39
41	Dual activities of the anti-cancer drug candidate PBI-05204 provide neuroprotection in brain slice models for neurodegenerative diseases and stroke. Scientific Reports, 2016, 6, 25626.	1.6	14
42	Application of ¹⁹F quantitative <scp>NMR</scp> to pharmaceutical analysis. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2016, 45A, .	0.2	18
43	Chemoreactive Natural Products that Afford Resistance Against Disparate Antibiotics and Toxins. Angewandte Chemie, 2016, 128, 4292-4297.	1.6	2
44	Selective activity of deguelin identifies therapeutic targets for androgen receptor-positive breast cancer. Breast Cancer Research and Treatment, 2016, 157, 475-488.	1.1	37
45	Maximiscin Induces DNA Damage, Activates DNA Damage Response Pathways, and Has Selective Cytotoxic Activity against a Subtype of Triple-Negative Breast Cancer. Journal of Natural Products, 2016, 79, 1822-1827.	1.5	22
46	Texas Native Plants Yield Compounds with Cytotoxic Activities against Prostate Cancer Cells. Journal of Natural Products, 2016, 79, 531-540.	1.5	27
47	Identification of Compounds with Efficacy against Malaria Parasites from Common North American Plants. Journal of Natural Products, 2016, 79, 490-498.	1.5	29
48	Targeting mosquito FREP1 with a fungal metabolite blocks malaria transmission. Scientific Reports, 2015, 5, 14694.	1.6	29
49	Transferring Fungi to a Deuterium-Enriched Medium Results in Assorted, Conditional Changes in Secondary Metabolite Production. Journal of Natural Products, 2015, 78, 1415-1421.	1.5	12
50	Genomic and Metabolomic Insights into the Natural Product Biosynthetic Diversity of a Feral-Hog-Associated Brevibacillus laterosporus Strain. PLoS ONE, 2014, 9, e90124.	1.1	25
51	Crowdsourcing Natural Products Discovery to Access Uncharted Dimensions of Fungal Metabolite Diversity. Angewandte Chemie - International Edition, 2014, 53, 804-809.	7.2	78
52	Chlorinated Polyketide Obtained from a Daldinia sp. Treated with the Epigenetic Modifier Suberoylanilide Hydroxamic Acid. Journal of Natural Products, 2014, 77, 2454-2458.	1.5	50
53	Bioactive Sulfur-Containing Sulochrin Dimers and Other Metabolites from an Alternaria sp. Isolate from a Hawaiian Soil Sample. Journal of Natural Products, 2014, 77, 2280-2287.	1.5	29
54	Polyketide Glycosides from Bionectria ochroleuca Inhibit Candida albicans Biofilm Formation. Journal of Natural Products, 2014, 77, 2273-2279.	1.5	25

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55	A Potent HDAC Inhibitor, 1-Alaninechlamydocin, from a Tolypocladium sp. Induces G2/M Cell Cycle Arrest and Apoptosis in MIA PaCa-2 Cells. Journal of Natural Products, 2014, 77, 1753-1757.	1.5	47
56	Diterpenes from the Endangered Goldenrod Solidago shortii. Journal of Natural Products, 2014, 77, 1438-1444.	1.5	7
57	Cytotoxic Dimeric Epipolythiodiketopiperazines from the Ascomycetous Fungus Preussia typharum. Journal of Natural Products, 2014, 77, 1459-1466.	1.5	21
58	Spiro Fused Diterpeneâ€“Indole Alkaloids from a Creek-Bottom-Derived Aspergillus terreus. Organic Letters, 2013, 15, 4186-4189.	2.4	26
59	Small-Molecule Suppressors of Candida albicans Biofilm Formation Synergistically Enhance the Antifungal Activity of Amphotericin B against Clinical Candida Isolates. ACS Chemical Biology, 2013, 8, 840-848.	1.6	55
60	Secondary Metabolites from an Algicolous Aspergillus versicolor Strain. Marine Drugs, 2012, 10, 131-139.	2.2	87
61	trans-(â^')-Îµ-Viniferin Increases Mitochondrial Sirtuin 3 (SIRT3), Activates AMP-activated Protein Kinase (AMPK), and Protects Cells in Models of Huntington Disease. Journal of Biological Chemistry, 2012, 287, 24460-24472.	1.6	192
62	Fungal biofilm inhibitors from a human oral microbiome-derived bacterium. Organic and Biomolecular Chemistry, 2012, 10, 2044.	1.5	48
63	Production of Cytotoxic Glidobactins/Luminmycins by Photorhabdus asymbiotica in Liquid Media and Live Crickets. Journal of Natural Products, 2012, 75, 2007-2011.	1.5	33
64	Waikialoid A Suppresses Hyphal Morphogenesis and Inhibits Biofilm Development in Pathogenic Candida albicans. Journal of Natural Products, 2012, 75, 707-715.	1.5	56
65	Diarylcyclopentendione Metabolite Obtained from a Preussia typharum Isolate Procured Using an Unconventional Cultivation Approach. Journal of Natural Products, 2012, 75, 1819-1823.	1.5	33
66	Neuroprotective role of Sirt1 in mammalian models of Huntington's disease through activation of multiple Sirt1 targets. Nature Medicine, 2012, 18, 153-158.	15.2	300
67	Secondary metabolites produced by fungi derived from a microbial mat encountered in an iron-rich natural spring. Tetrahedron Letters, 2012, 53, 4202-4205.	0.7	20
68	Briarane Diterpenes Diminish COX-2 Expression in Human Colon Adenocarcinoma Cells. Journal of Natural Products, 2011, 74, 857-861.	1.5	13
69	Bringing natural products into the fold â€“ exploring the therapeutic lead potential of secondary metabolites for the treatment of protein-misfolding-related neurodegenerative diseases. Natural Product Reports, 2011, 28, 26-47.	5.2	49
70	Reappraising the Structures and Distribution of Metabolites from Black Aspergilli Containing Uncommon 2-Benzyl-4H-pyran-4-one and 2-Benzylpyridin-4(1H)-one Systems. Journal of Natural Products, 2011, 74, 1959-1964.	1.5	38
71	Probing the Metabolic Aberrations Underlying Mutant Huntingtin Toxicity in Yeast and Assessing Their Degree of Preservation in Humans and Mice. Journal of Proteome Research, 2010, 9, 404-412.	1.8	22
72	A revised amino group pKa for prymnesins does not provide decisive evidence for a pH-dependent mechanism of Prymnesium parvumâ€™s toxicity. Toxicon, 2010, 55, 1035-1037.	0.8	8

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73	Reassessing the ichthyotoxin profile of cultured Prymnesium parvum (golden algae) and comparing it to samples collected from recent freshwater bloom and fish kill events in North America. Toxicon, 2010, 55, 1396-1404.	0.8	62
74	Chemical Epigenetics Alters the Secondary Metabolite Composition of Guttate Excreted by an Atlantic-Forest-Soil-Derived Penicillium citreonigrum. Journal of Natural Products, 2010, 73, 942-948.	1.5	155
75	Epigenome manipulation as a pathway to new natural product scaffolds and their congeners. Natural Product Reports, 2010, 27, 11-22.	5.2	266
76	Mutanobactin A from the human oral pathogen Streptococcus mutans is a cross-kingdom regulator of the yeast-mycelium transition. Organic and Biomolecular Chemistry, 2010, 8, 5486.	1.5	116
77	Phenylethanoid and Lignan Glycosides from Polar Extracts of Lantana, a Genus of Verbenaceous Plants Widely Used in Traditional Herbal Therapies. Journal of Natural Products, 2009, 72, 1344-1347.	1.5	19
78	A chemical epigenetics approach for engineering the in situbiosynthesis of a cryptic natural product from Aspergillus niger. Organic and Biomolecular Chemistry, 2009, 7, 435-438.	1.5	177
79	Epigenetic remodeling of the fungal secondary metabolome. Organic and Biomolecular Chemistry, 2008, 6, 1895.	1.5	319
80	Interrogating the Bioactive Pharmacophore of the Latrunculin Chemotype by Investigating the Metabolites of Two Taxonomically Unrelated Sponges. Journal of Medicinal Chemistry, 2008, 51, 7234-7242.	2.9	37
81	Bioactivity Profiling with Parallel Mass Spectrometry Reveals an Assemblage of Green Tea Metabolites Affording Protection against Human Huntingtin and Î±-Synuclein Toxicity. Journal of Agricultural and Food Chemistry, 2007, 55, 9450-9456.	2.4	16
82	Sponge-Derived Fijianolide Polyketide Class:â€‰ Further Evaluation of Their Structural and Cytotoxicity Properties. Journal of Medicinal Chemistry, 2007, 50, 3795-3803.	2.9	62
83	Stereochemical determination and bioactivity assessment of (S)-(+)-curcuphenol dimers isolated from the marine sponge Didiscus aceratus and synthesized through laccase biocatalysis. Bioorganic and Medicinal Chemistry, 2005, 13, 5600-5612.	1.4	69
84	Chemistry, biological activity, and chemotherapeutic potential of betulinic acid for the prevention and treatment of cancer and HIV infection. Medicinal Research Reviews, 2004, 24, 90-114.	5.0	462
85	Redox Inactivation of Human 15-Lipoxygenase by Marine-Derived Meroditerpenes and Synthetic Chromanes:Â Archetypes for a Unique Class of Selective and Recyclable Inhibitors. Journal of the American Chemical Society, 2004, 126, 14910-14920.	6.6	48
86	Psymberin, A Potent Sponge-Derived Cytotoxin fromPsammociniaDistantly Related to the Pederin Family. Organic Letters, 2004, 6, 1951-1954.	2.4	171
87	Strategies for Accessing Microbial Secondary Metabolites from Silent Biosynthetic Pathways. , 0, , 78-95.		1