

# Marcy J Balunas

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

3,348  
citations

331670

21  
h-index

289244

40  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug discovery from medicinal plants. <i>Life Sciences</i> , 2005, 78, 431-441.	4.3	1,182
2	Drug discovery from natural sources. <i>AAPS Journal</i> , 2006, 8, E239-E253.	4.4	492
3	The Natural Products Atlas: An Open Access Knowledge Base for Microbial Natural Products Discovery. <i>ACS Central Science</i> , 2019, 5, 1824-1833.	11.3	258
4	Propagating annotations of molecular networks using in silico fragmentation. <i>PLoS Computational Biology</i> , 2018, 14, e1006089.	3.2	242
5	Mass spectrometry searches using MASST. <i>Nature Biotechnology</i> , 2020, 38, 23-26.	17.5	160
6	Dragonamide E, a Modified Linear Lipopeptide from <i>Lyngbya majuscula</i> with Antileishmanial Activity. <i>Journal of Natural Products</i> , 2010, 73, 60-66.	3.0	92
7	Xanthones from the Botanical Dietary Supplement Mangosteen ( <i>Garcinia mangostana</i> ) with Aromatase Inhibitory Activity. <i>Journal of Natural Products</i> , 2008, 71, 1161-1166.	3.0	79
8	Leisingera sp. JC1, a Bacterial Isolate from Hawaiian Bobtail Squid Eggs, Produces Indigoidine and Differentially Inhibits Vibrios. <i>Frontiers in Microbiology</i> , 2016, 7, 1342.	3.5	70
9	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . <i>Journal of Organic Chemistry</i> , 2015, 80, 7849-7855.	3.2	68
10	Santacruzamate A, a Potent and Selective Histone Deacetylase Inhibitor from the Panamanian Marine Cyanobacterium cf. <i>Symploca</i> sp.. <i>Journal of Natural Products</i> , 2013, 76, 2026-2033.	3.0	64
11	Stepping forward in antibody-drug conjugate development. , 2022, 229, 107917.		60
12	Coibacins Aâ€”D, Antileishmanial Marine Cyanobacterial Polyketides with Intriguing Biosynthetic Origins. <i>Organic Letters</i> , 2012, 14, 3878-3881.	4.6	56
13	Upregulation and Identification of Antibiotic Activity of a Marine-Derived <i>Streptomyces</i> sp. via Co-Cultures with Human Pathogens. <i>Marine Drugs</i> , 2017, 15, 250.	4.6	55
14	Bioactive 5,6-Dihydro- $\delta^{\pm}$ -pyrone Derivatives from <i>Hyptis brevipes</i> . <i>Journal of Natural Products</i> , 2009, 72, 1165-1169.	3.0	49
15	Natural Compounds with Aromatase Inhibitory Activity: An Update. <i>Planta Medica</i> , 2010, 76, 1087-1093.	1.3	37
16	Current therapeutic role and medicinal potential of <i>Scutellaria barbata</i> in Traditional Chinese Medicine and Western research. <i>Journal of Ethnopharmacology</i> , 2016, 182, 170-180.	4.1	34
17	Relationships between Inhibitory Activity against a Cancer Cell Line Panel, Profiles of Plants Collected, and Compound Classes Isolated in an Anticancer Drug Discovery Project. <i>Chemistry and Biodiversity</i> , 2006, 3, 897-915.	2.1	33
18	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. <i>MBio</i> , 2019, 10, .	4.1	30

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19	Exploration of the Innate Immune System of <i>Styela clava</i> : Zn <sup>2+</sup> -Binding Enhances the Antimicrobial Activity of the Tunicate Peptide Clavanin A. <i>Biochemistry</i> , 2017, 56, 1403-1414.	2.5	28
20	Coibacins A and B: Total Synthesis and Stereochemical Revision. <i>Journal of Organic Chemistry</i> , 2014, 79, 630-642.	3.2	25
21	Interference by Naturally Occurring Fatty Acids in a Noncellular Enzyme-Based Aromatase Bioassay. <i>Journal of Natural Products</i> , 2006, 69, 700-703.	3.0	23
22	Natural products as aromatase inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 646-82.	1.7	22
23	Drug Discovery From Natural Sources. <i>AAPS Journal</i> , 2006, 08, E239.	4.4	20
24	Isolation and characterization of aromatase inhibitors from <i>Brassaiopsis glomerulata</i> (Araliaceae). <i>Phytochemistry Letters</i> , 2009, 2, 29-33.	1.2	19
25	Blue-Green Algae Inhibit the Development of Atherosclerotic Lesions in Apolipoprotein E Knockout Mice. <i>Journal of Medicinal Food</i> , 2015, 18, 1299-1306.	1.5	19
26	Hawaiian Bobtail Squid Symbionts Inhibit Marine Bacteria via Production of Specialized Metabolites, Including New Bromoalterochromides BAC-D/D <sup>2</sup> . <i>MSphere</i> , 2020, 5, .	2.9	18
27	Synthesis and biological evaluation of santacruzamate A analogues for anti-proliferative and immunomodulatory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5183-5196.	3.0	15
28	Flow Cytometry Enables Multiplexed Measurements of Genetically Encoded Intramolecular FRET Sensors Suitable for Screening. <i>Journal of Biomolecular Screening</i> , 2016, 21, 535-547.	2.6	14
29	Natural Products as Exquisitely Potent Cytotoxic Payloads for Antibody- Drug Conjugates. <i>Current Topics in Medicinal Chemistry</i> , 2015, 14, 2822-2834.	2.1	14
30	Cryptic Species Account for the Seemingly Idiosyncratic Secondary Metabolism of <i>Sarcophyton glaucum</i> Specimens Collected in Palau. <i>Journal of Natural Products</i> , 2020, 83, 693-705.	3.0	10
31	Interkingdom signaling by structurally related cyanobacterial and algal secondary metabolites. <i>Phytochemistry Reviews</i> , 2013, 12, 459-465.	6.5	9
32	Medusamide A, a Panamanian Cyanobacterial Depsipeptide with Multiple $\beta$ -Amino Acids. <i>Organic Letters</i> , 2016, 18, 352-355.	4.6	9
33	Analysis of the antiparasitic and anticancer activity of the coconut palm ( <i>Cocos nucifera</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlap 10 T 5	2.5	5
34	Ten simple rules to increase computational skills among biologists with Code Clubs. <i>PLoS Computational Biology</i> , 2020, 16, e1008119.	3.2	6
35	Development of an Enhanced Phenotypic Screen of Cytotoxic T-Lymphocyte Lytic Granule Exocytosis Suitable for Use with Synthetic Compound and Natural Product Collections. <i>Journal of Biomolecular Screening</i> , 2016, 21, 556-566.	2.6	5
36	Electrocardiographic effects of hawthorn ( <i>Crataegus oxyacantha</i> ) in healthy volunteers: A randomized controlled trial. <i>Phytotherapy Research</i> , 2018, 32, 1642-1646.	5.8	5

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37	Draft Genome Sequence of <i>Streptomyces</i> sp. AVP053U2 Isolated from <i>Styela clava</i> , a Tunicate Collected in Long Island Sound. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
38	Identification of Apocarotenoids as Chemical Markers of In Vitro Anti-Inflammatory Activity for <i>Spirulina</i> Supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12674-12685.	5.2	3
39	Metabolomics and the Microbiome: Characterizing Molecular Diversity in Complex Microbial Communities. , 2020, , 502-518.		2
40	Bridging the Gap: Plant-Endophyte Interactions as a Roadmap to Understanding Small-Molecule Communication in Marine Microbiomes. <i>ChemBioChem</i> , 2020, 21, 2708-2721.	2.6	2
41	Chemical Gradients of Plant Substrates in an <i>Atta texana</i> Fungus Garden. <i>MSystems</i> , 2021, 6, e0060121.	3.8	2
42	Drug Discovery From Natural Sources. , 2008, , 17-39.		2
43	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain PTY08712, Isolated from <i>Styela canopus</i> , a Panamanian Tunicate. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
44	Professor A. Douglas Kinghorn. A Lifetime Career Dedicated to Outstanding Service to Natural Product Sciences. <i>Journal of Natural Products</i> , 2021, 84, 549-552.	3.0	0
45	Sequestration and Cyanobacterial Diet Preferences in the Opisthobranch Molluscs <i>Dolabrifera nicaraguana</i> and <i>Stylocheilus rickettsi</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	0