

# 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	Stepping forward in antibody-drug conjugate development. , 2022, 229, 107917.		60
2	Professor A. Douglas Kinghorn. A Lifetime Career Dedicated to Outstanding Service to Natural Product Sciences. Journal of Natural Products, 2021, 84, 549-552.	3.0	0
3	Chemical Gradients of Plant Substrates in an <i>Atta texana</i> Fungus Garden. MSystems, 2021, 6, e0060121.	3.8	2
4	Identification of Apocarotenoids as Chemical Markers of In Vitro Anti-Inflammatory Activity for Spirulina Supplements. Journal of Agricultural and Food Chemistry, 2021, 69, 12674-12685.	5.2	3
5	Sequestration and Cyanobacterial Diet Preferences in the Opisthobranch Molluscs <i>Dolabrifera nicaraguana</i> and <i>Stylocheilus rickettsi</i> . Frontiers in Marine Science, 2021, 8, .	2.5	0
6	Mass spectrometry searches using MASST. Nature Biotechnology, 2020, 38, 23-26.	17.5	160
7	Hawaiian Bobtail Squid Symbionts Inhibit Marine Bacteria via Production of Specialized Metabolites, Including New Bromoalterochromides BAC-D. MSphere, 2020, 5, .	2.9	18
8	Ten simple rules to increase computational skills among biologists with Code Clubs. PLoS Computational Biology, 2020, 16, e1008119.	3.2	6
9	Metabolomics and the Microbiome: Characterizing Molecular Diversity in Complex Microbial Communities. , 2020, , 502-518.		2
10	Cryptic Species Account for the Seemingly Idiosyncratic Secondary Metabolism of <i>Sarcophyton glaucum</i> Specimens Collected in Palau. Journal of Natural Products, 2020, 83, 693-705.	3.0	10
11	Bridging the Gap: Plant-Endophyte Interactions as a Roadmap to Understanding Small-Molecule Communication in Marine Microbiomes. ChemBioChem, 2020, 21, 2708-2721.	2.6	2
12	The Natural Products Atlas: An Open Access Knowledge Base for Microbial Natural Products Discovery. ACS Central Science, 2019, 5, 1824-1833.	11.3	258
13	Analysis of the antiparasitic and anticancer activity of the coconut palm ( <i>Cocos nucifera</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.5	7
14	Shielding the Next Generation: Symbiotic Bacteria from a Reproductive Organ Protect Bobtail Squid Eggs from Fungal Fouling. MBio, 2019, 10, .	4.1	30
15	Electrocardiographic effects of hawthorn ( <i>Crataegus oxyacantha</i> ) in healthy volunteers: A randomized controlled trial. Phytotherapy Research, 2018, 32, 1642-1646.	5.8	5
16	Propagating annotations of molecular networks using in silico fragmentation. PLoS Computational Biology, 2018, 14, e1006089.	3.2	242
17	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. Biochemistry, 2017, 56, 1403-1414.	2.5	28
18	Upregulation and Identification of Antibiotic Activity of a Marine-Derived <i>Streptomyces</i> sp. via Co-Cultures with Human Pathogens. Marine Drugs, 2017, 15, 250.	4.6	55

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	Medusamide A, a Panamanian Cyanobacterial Depsipeptide with Multiple $\beta$ -Amino Acids. <i>Organic Letters</i> , 2016, 18, 352-355.	4.6	9
26	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
27	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
28	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
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	Coibacins A and B: Total Synthesis and Stereochemical Revision. <i>Journal of Organic Chemistry</i> , 2014, 79, 630-642.	3.2	25
31	Interkingdom signaling by structurally related cyanobacterial and algal secondary metabolites. <i>Phytochemistry Reviews</i> , 2013, 12, 459-465.	6.5	9
32	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
33	Coibacins A-D, Antileishmanial Marine Cyanobacterial Polyketides with Intriguing Biosynthetic Origins. <i>Organic Letters</i> , 2012, 14, 3878-3881.	4.6	56
34	Natural Compounds with Aromatase Inhibitory Activity: An Update. <i>Planta Medica</i> , 2010, 76, 1087-1093.	1.3	37
35	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
36	Isolation and characterization of aromatase inhibitors from <i>Brassaiopsis glomerulata</i> (Araliaceae). <i>Phytochemistry Letters</i> , 2009, 2, 29-33.	1.2	19

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37	Bioactive 5,6-Dihydro- $\hat{\pm}$ -pyrone Derivatives from Hyptis brevipes. Journal of Natural Products, 2009, 72, 1165-1169.	3.0	49
38	Xanthones from the Botanical Dietary Supplement Mangosteen (Garcinia mangostana) with Aromatase Inhibitory Activity. Journal of Natural Products, 2008, 71, 1161-1166.	3.0	79
39	Drug Discovery From Natural Sources. , 2008, , 17-39.		2
40	Natural products as aromatase inhibitors. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 646-82.	1.7	22
41	Interference by Naturally Occurring Fatty Acids in a Noncellular Enzyme-Based Aromatase Bioassay. Journal of Natural Products, 2006, 69, 700-703.	3.0	23
42	Drug discovery from natural sources. AAPS Journal, 2006, 8, E239-E253.	4.4	492
43	Relationships between Inhibitory Activity against a Cancer Cell Line Panel, Profiles of Plants Collected, and Compound Classes Isolated in an Anticancer Drug Discovery Project. Chemistry and Biodiversity, 2006, 3, 897-915.	2.1	33
44	Drug Discovery From Natural Sources. AAPS Journal, 2006, 08, E239.	4.4	20
45	Drug discovery from medicinal plants. Life Sciences, 2005, 78, 431-441.	4.3	1,182