Deniz Tasdemir

List of Publications by Year in descending order

85 papers	3,207 citations	172457 29 h-index	168389 53 g-index
85 all docs	85 docs citations	85 times ranked	4666 citing authors

#	Article	IF	Citations
1	Antitrypanosomal and Antileishmanial Activities of Flavonoids and Their Analogues: In Vitro, In Vivo, Structure-Activity Relationship, and Quantitative Structure-Activity Relationship Studies. Antimicrobial Agents and Chemotherapy, 2006, 50, 1352-1364.	3.2	400
2	Bioactive compounds from marine mussels and their effects on human health. Food Chemistry, 2014, 142, 48-60.	8.2	178
3	Inhibitory Activity of Marine Sponge-Derived Natural Products against Parasitic Protozoa. Marine Drugs, 2010, 8, 47-58.	4.6	177
4	Inhibition ofPlasmodiumfalciparumFatty Acid Biosynthesis:Â Evaluation of FabG, FabZ, and FabI as Drug Targets for Flavonoids. Journal of Medicinal Chemistry, 2006, 49, 3345-3353.	6.4	171
5	Marine natural products from the Turkish sponge Agelas oroides that inhibit the enoyl reductases from Plasmodium falciparum, Mycobacterium tuberculosis and Escherichia coli. Bioorganic and Medicinal Chemistry, 2007, 15, 6834-6845.	3.0	129
6	Exploitation of secondary metabolites by animals: A response to homeostatic challenges. Integrative and Comparative Biology, 2009, 49, 314-328.	2.0	117
7	Inhibiting Activities of the Secondary Metabolites ofPhlomis brunneogaleataagainst Parasitic Protozoa and Plasmodial Enoyl-ACP Reductase, a Crucial Enzyme in Fatty Acid Biosynthesis. Planta Medica, 2004, 70, 711-717.	1.3	111
8	Mapping the Surface Microbiome and Metabolome of Brown Seaweed Fucus vesiculosus by Amplicon Sequencing, Integrated Metabolomics and Imaging Techniques. Scientific Reports, 2019, 9, 1061.	3.3	76
9	The Essentials of Marine Biotechnology. Frontiers in Marine Science, 2021, 8, .	2.5	75
10	From Discovery to Production: Biotechnology of Marine Fungi for the Production of New Antibiotics. Marine Drugs, 2016, 14, 137.	4.6	74
11	Antimycobacterial, antiprotozoal and cytotoxic potential of twentyâ€one brown algae (phaeophyceae) from British and Irish waters. Phytotherapy Research, 2010, 24, 1724-1729.	5.8	73
12	Imaging the Unimaginable: Desorption Electrospray Ionization â€“ Imaging Mass Spectrometry (DESI-IMS) in Natural Product Research. Planta Medica, 2018, 84, 584-593.	1.3	72
13	Seasonal and geographical variations in the biochemical composition of the blue mussel (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overloc	8.2	68
14	Anti-protozoal and plasmodial FabI enzyme inhibiting metabolites of roots. Phytochemistry, 2005, 66, 355-362.	2.9	67
15	Molecular Networking-Based Metabolome and Bioactivity Analyses of Marine-Adapted Fungi Co-cultivated With Phytopathogens. Frontiers in Microbiology, 2018, 9, 2072.	3.5	56
16	Evaluation of antiprotozoal and antimycobacterial activities of the resin glycosides and the other metabolites of Scrophularia cryptophila. Phytomedicine, 2008, 15, 209-215.	5.3	53
17	Surface chemical defence of the eelgrass Zostera marina against microbial foulers. Scientific Reports, 2019, 9, 3323.	3.3	53
18	Chemistry, bioactivity and biosynthesis of cyanobacterial alkylresorcinols. Natural Product Reports, 2019, 36, 1437-1461.	10.3	45

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19	Targeted Isolation of Tsitsikammamines from the Antarctic Deep-Sea Sponge Latrunculia biformis by Molecular Networking and Anticancer Activity. Marine Drugs, 2018, 16, 268.	4.6	42
20	Bifurcatriol, a New Antiprotozoal Acyclic Diterpene from the Brown Alga Bifurcaria bifurcata. Marine Drugs, 2017, 15, 245.	4.6	41
21	Seasonal Variations in the Metabolome and Bioactivity Profile of Fucus vesiculosus Extracted by an Optimised, Pressurised Liquid Extraction Protocol. Marine Drugs, 2018, 16, 503.	4.6	39
22	Antimicrobial and cytotoxic effects of the Copaifera reticulata oleoresin and its main diterpene acids. Journal of Ethnopharmacology, 2019, 233, 94-100.	4.1	39
23	Unlocking the potential of marine biodiscovery. Natural Product Reports, 2021, 38, 1235-1242.	10.3	38
24	Iridoid Glycosides ofLeonurus persicus. Journal of Natural Products, 1999, 62, 811-816.	3.0	36
25	Analysis of the Volatile Components of Five Turkish Rhododendron Species by Headspace Solid-Phase Microextraction and GC-MS (HS-SPME-GC-MS). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 797-803.	1.4	34
26	Cytotoxic Bromoindole Derivatives and Terpenes from the Philippine Marine Sponge Smenospongia sp.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 914-922.	1.4	33
27	Evaluation of in vitro antiprotozoal activity of Ajuga laxmannii and its secondary metabolites. Pharmaceutical Biology, 2016, 54, 1808-1814.	2.9	32
28	Identification of rosmarinic acid and sulfated flavonoids as inhibitors of microfouling on the surface of eelgrass Zostera marina. Biofouling, 2017, 33, 867-880.	2.2	31
29	6-Bromoindole Derivatives from the Icelandic Marine Sponge Geodia barretti: Isolation and Anti-Inflammatory Activity. Marine Drugs, 2018, 16, 437.	4.6	31
30	Assignment of absolute configurations of highly flexible linear diterpenes from the brown alga Bifurcaria bifurcata by VCD spectroscopy. Chemical Communications, 2015, 51, 16217-16220.	4.1	30
31	Influence of OSMAC-Based Cultivation in Metabolome and Anticancer Activity of Fungi Associated with the Brown Alga Fucus vesiculosus. Marine Drugs, 2019, 17, 67.	4.6	30
32	2-Hexadecynoic acid inhibits plasmodial FAS-II enzymes and arrests erythrocytic and liver stage Plasmodium infections. Bioorganic and Medicinal Chemistry, 2010, 18, 7475-7485.	3.0	29
33	Comparison of the Effects of Fucoidans on the Cell Viability of Tumor and Non-Tumor Cell Lines. Marine Drugs, 2019, 17, 441.	4.6	28
34	Antiprotozoal Activity of Turkish Origanum onites Essential Oil and Its Components. Molecules, 2019, 24, 4421.	3.8	28
35	New Discorhabdin Alkaloids from the Antarctic Deep-Sea Sponge Latrunculia biformis. Marine Drugs, 2019, 17, 439.	4.6	27
36	Antituberculotic and Antiprotozoal Activities of Primin, a Natural Benzoquinone:In vitro andin vivo Studies. Chemistry and Biodiversity, 2006, 3, 1230-1237.	2.1	26

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37	Antiprotozoal activity of Melampyrum arvense and its metabolites. Phytotherapy Research, 2011, 25, 142-146.	5.8	26
38	Combined genotyping, microbial diversity and metabolite profiling studies on farmed Mytilus spp. from Kiel Fjord. Scientific Reports, 2018, 8, 7983.	3.3	25
39	Seaweeds to the rescue of forgotten diseases: a review. Botanica Marina, 2019, 62, 211-226.	1.2	24
40	Potential Cancer- and Alzheimerâ€™s Disease-Targeting Phosphodiesterase Inhibitors from Uvaria alba: Insights from In Vitro and Consensus Virtual Screening. ACS Omega, 2021, 6, 8403-8417.	3.5	24
41	Comparative Metabolite Profile, Biological Activity and Overall Quality of Three Lettuce (Lactuca) Tj ETQq1 1 0.784314 rgBT /Overloc	4.5	21
42	Pyrenosetins Aâ€“C, New Decalinoylspirotetramic Acid Derivatives Isolated by Bioactivity-Based Molecular Networking from the Seaweed-Derived Fungus Pyrenochaetopsis sp. FVE-001. Marine Drugs, 2020, 18, 47.	4.6	21
43	Rapid Metabolome and Bioactivity Profiling of Fungi Associated with the Leaf and Rhizosphere of the Baltic Seagrass Zostera marina. Marine Drugs, 2019, 17, 419.	4.6	20
44	Bromotryptamine and Imidazole Alkaloids with Anti-inflammatory Activity from the Bryozoan Flustra foliacea. Journal of Natural Products, 2020, 83, 2854-2866.	3.0	20
45	Bioactive Molecular Networking for Mapping the Antimicrobial Constituents of the Baltic Brown Alga Fucus vesiculosus. Marine Drugs, 2020, 18, 311.	4.6	20
46	Design of Fungal Co-Cultivation Based on Comparative Metabolomics and Bioactivity for Discovery of Marine Fungal Agrochemicals. Marine Drugs, 2020, 18, 73.	4.6	20
47	Two New Triterpene and a New Nortriterpene Glycosides fromPhlomis viscosa. Helvetica Chimica Acta, 2004, 87, 611-619.	1.6	19
48	Type II Fatty Acid Biosynthesis, a New Approach in Antimalarial Natural Product Discovery. Phytochemistry Reviews, 2006, 5, 99-108.	6.5	19
49	Linear Aminolipids with Moderate Antimicrobial Activity from the Antarctic Gram-Negative Bacterium Aequorivita sp.. Marine Drugs, 2018, 16, 187.	4.6	17
50	Comparative Microbiome and Metabolome Analyses of the Marine Tunicate Ciona intestinalis from Native and Invaded Habitats. Microorganisms, 2020, 8, 2022.	3.6	17
51	Tridiscorhabdin and Didiscorhabdin, the First Discorhabdin Oligomers Linked with a Direct Câ€“N Bridge from the Sponge Latrunculia biformis Collected from the Deep Sea in Antarctica. Journal of Natural Products, 2020, 83, 706-713.	3.0	17
52	Genomics- and Metabolomics-Based Investigation of the Deep-Sea Sediment-Derived Yeast, Rhodotorula mucilaginosa 50-3-19/20B. Marine Drugs, 2021, 19, 14.	4.6	15
53	Antiprotozoal Effect of Artemisia indica Extracts and Essential Oil. Planta Medica, 2015, 81, 1029-1037.	1.3	14
54	Antiprotozoal Linear Furanosesterterpenoids from the Marine Sponge Ircinia oros. Journal of Natural Products, 2017, 80, 2566-2571.	3.0	14

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55	Pyrenosetin D, a New Pentacyclic Decalinoyltetramic Acid Derivative from the Algicolous Fungus Pyrenochaetopsis sp. FVE-087. Marine Drugs, 2020, 18, 281.	4.6	14
56	Mining the Metabolome and the Agricultural and Pharmaceutical Potential of Sea Foam-Derived Fungi. Marine Drugs, 2020, 18, 128.	4.6	14
57	Biological Activities of Two Major Copaiba Diterpenoids and Their Semi-synthetic Derivatives. Revista Brasileira De Farmacognosia, 2020, 30, 18-27.	1.4	13
58	Diversity, Bioactivity Profiling and Untargeted Metabolomics of the Cultivable Gut Microbiota of Ciona intestinalis. Marine Drugs, 2021, 19, 6.	4.6	13
59	Inhibitory effect of St. John×³s Wort oil macerates on TNFÎ±-induced NF-ÎºB activation and their fatty acid composition. Journal of Ethnopharmacology, 2014, 155, 1086-1092.	4.1	12
60	New Discorhabdin B Dimers with Anticancer Activity from the Antarctic Deep-Sea Sponge Latrunculia biformis. Marine Drugs, 2020, 18, 107.	4.6	12
61	Isolation by Miniaturized Culture Chip of an Antarctic bacterium Aequorivita sp. with antimicrobial and anthelmintic activity. Biotechnology Reports (Amsterdam, Netherlands), 2018, 20, e00281.	4.4	11
62	Oxygenated Acyclic Diterpenes with Anticancer Activity from the Irish Brown Seaweed Bifurcaria bifurcata. Marine Drugs, 2020, 18, 581.	4.6	11
63	Culture-Dependent Microbiome of the Ciona intestinalis Tunic: Isolation, Bioactivity Profiling and Untargeted Metabolomics. Microorganisms, 2020, 8, 1732.	3.6	11
64	Synthesis and antitrypanosomal activities of novel pyridylchalcones. European Journal of Medicinal Chemistry, 2017, 128, 213-218.	5.5	10
65	Marine fungi in the spotlight: opportunities and challenges for marine fungal natural product discovery and biotechnology. Fungal Biology and Biotechnology, 2017, 4, .	5.1	10
66	In vitro Antiprotozoal Activity of Extracts of five Turkish Lamiaceae Species. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	9
67	Sulfated Steroidâ€“Amino Acid Conjugates from the Irish Marine Sponge Polymastia boletiformis. Marine Drugs, 2015, 13, 1632-1646.	4.6	9
68	Chemistry, Chemotaxonomy and Biological Activity of the Latrunculid Sponges (Order) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Po	4.6	9
69	Induction of Isochromanones by Co-Cultivation of the Marine Fungus Cosmospora sp. and the Phytopathogen MagnaportheÂoryzae. International Journal of Molecular Sciences, 2022, 23, 782.	4.1	9
70	Differential Regulation and Production of Secondary Metabolites among Isolates of the Fungal Wheat Pathogen Zymoseptoria tritici. Applied and Environmental Microbiology, 2022, 88, aem0229621.	3.1	9
71	Antiprotozoal and antihelminthic properties of plants ingested by wild Japanese macaques (Macaca) Tj ETQq1 1 0.784314 rgBT /Over	4.1	8
72	Integrating Molecular Networking and 1H NMR Spectroscopy for Isolation of Bioactive Metabolites from the Persian Gulf Sponge Axinella sinoxea. Marine Drugs, 2020, 18, 366.	4.6	8

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73	The Diversity, Metabolomics Profiling, and the Pharmacological Potential of Actinomycetes Isolated from the Estremadura Spur Pockmarks (Portugal). Marine Drugs, 2022, 20, 21.	4.6	8
74	Fatty Acid Composition of Turkish Rhododendron Species. JAOCS, Journal of the American Oil Chemists' Society, 2008, 85, 605-611.	1.9	7
75	2-Octadecynoic acid as a dual life stage inhibitor of Plasmodium infections and plasmodial FAS-II enzymes. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4151-4157.	2.2	7
76	Density Functional Theory (DFT)-Aided Structure Elucidation of Linear Diterpenes from the Irish Brown Seaweed Bifurcaria bifurcata. Marine Drugs, 2021, 19, 42.	4.6	7
77	Molecular Networking-Guided Isolation of New Etzionin-Type Diketopiperazine Hydroxamates from the Persian Gulf Sponge Cliona celata. Marine Drugs, 2021, 19, 439.	4.6	7
78	Structure and Biosynthesis of Desmamides Aâ€“C, Lipoglycopeptides from the Endophytic Cyanobacterium Desmonostoc muscorum LEGE 12446. Journal of Natural Products, 2022, 85, 1704-1714.	3.0	7
79	In vitro antiprotozoal activity of extracts of five Turkish Lamiaceae species. Natural Product Communications, 2011, 6, 1697-700.	0.5	6
80	Synthesis, crystal structure, and in vitro antiprotozoal activity of some 5-phenyl(methyl)sulfonyl-substituted dihydroisoxazoles. Monatshefte FÃ¼r Chemie, 2013, 144, 707-716.	1.8	5
81	Antimicrobial Prenylated Isoflavones from the Leaves of the Amazonian Medicinal Plant Vatairea guianensis Aubl.. Journal of Natural Products, 2022, 85, 927-935.	3.0	5
82	Antitrypanosomal and Antileishmanial Activities of Organic and Aqueous Extracts of Artemisia Annua. Natural Product Communications, 2008, 3, 1934578X0800301.	0.5	4
83	Novel methods to characterise spatial distribution and enantiomeric composition of usnic acids in four Icelandic lichens. Phytochemistry, 2022, 200, 113210.	2.9	4
84	Antiprotozoal, Antitubercular and Cytotoxic Potential of Cyanobacterial (Blue-Green Algal) Extracts from Ireland. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	3
85	Application of Feature-Based Molecular Networking for Comparative Metabolomics and Targeted Isolation of Stereoisomers from Algicolous Fungi. Marine Drugs, 2022, 20, 210.	4.6	3