

Valery M Dembitsky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4599562/publications.pdf>

Version: 2024-02-01

82
papers

3,734
citations

147726
31
h-index

133188
59
g-index

84
all docs

84
docs citations

84
times ranked

4187
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive cyclobutane-containing alkaloids. <i>Journal of Natural Medicines</i> , 2007, 62, 1-33.	1.1	281
2	Oxidation, epoxidation and sulfoxidation reactions catalysed by haloperoxidases. <i>Tetrahedron</i> , 2003, 59, 4701-4720.	1.0	182
3	Allenic and cumulenenic lipids. <i>Progress in Lipid Research</i> , 2007, 46, 328-375.	5.3	167
4	Betaine ether-linked glycerolipids: Chemistry and biology. <i>Progress in Lipid Research</i> , 1996, 35, 1-51.	5.3	158
5	Bioactive peroxides as potential therapeutic agents. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 223-251.	2.6	150
6	Natural halogenated fatty acids: their analogues and derivatives. <i>Progress in Lipid Research</i> , 2002, 41, 315-367.	5.3	139
7	Naturally occurring bioactive Cyclobutane-containing (CBC) alkaloids in fungi, fungal endophytes, and plants. <i>Phytomedicine</i> , 2014, 21, 1559-1581.	2.3	138
8	Natural occurrence of arseno compounds in plants, lichens, fungi, algal species, and microorganisms. <i>Plant Science</i> , 2003, 165, 1177-1192.	1.7	136
9	Anticancer activity of natural and synthetic acetylenic lipids. <i>Lipids</i> , 2006, 41, 883-924.	0.7	121
10	Natural occurrence of boron-containing compounds in plants, algae and microorganisms. <i>Plant Science</i> , 2002, 163, 931-942.	1.7	112
11	Novel Antitumor Agents: Marine Sponge Alkaloids, their Synthetic Analogs and Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2005, 5, 319-336.	1.1	106
12	Natural Peroxy Anticancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 571-589.	1.1	106
13	Arsenolipids. <i>Progress in Lipid Research</i> , 2004, 43, 403-448.	5.3	103
14	Glycolipids, phospholipids and fatty acids of brown algae species. <i>Phytochemistry</i> , 1990, 29, 3417-3421.	1.4	102
15	Glycolipids and fatty acids of some seaweeds and marine grasses from the black sea. <i>Phytochemistry</i> , 1991, 30, 2279-2283.	1.4	96
16	Synthesis of five- and six-membered cyclic organic peroxides: Key transformations into peroxide ring-retaining products. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 34-114.	1.3	84
17	Chemistry and Biodiversity of the Biologically Active Natural Glycosides. <i>Chemistry and Biodiversity</i> , 2004, 1, 673-781.	1.0	82
18	Naturally occurring plant isoquinoline N-oxide alkaloids: Their pharmacological and SAR activities. <i>Phytomedicine</i> , 2015, 22, 183-202.	2.3	72

#	ARTICLE	IF	CITATIONS
19	Recent developments in bisdiborane chemistry: B ₂ C ₂ B, B ₂ C ₂ C ₂ B, B ₂ C ₂ C ₂ C ₂ B and B ₂ C ₂ C ₂ C ₂ C ₂ B compounds. Applied Organometallic Chemistry, 2003, 17, 327-345.	1.7	71
20	Astonishing diversity of natural surfactants: 1. Glycosides of fatty acids and alcohols. Lipids, 2004, 39, 933-953.	0.7	70
21	Astonishing diversity of natural surfactants: 5. Biologically active glycosides of aromatic metabolites. Lipids, 2005, 40, 869-900.	0.7	62
22	Diversity of the fatty acids of the Nostoc species and their statistical analysis. Microbiological Research, 2007, 162, 308-321.	2.5	62
23	ASCARIDOLE AND RELATED PEROXIDES FROM THE GENUS CHENOPODIUM. Biomedical Papers of the Medical Faculty of the University Palacký́, Olomouc, Czechoslovakia, 2008, 152, 209-215.	0.2	61
24	Astonishing diversity of natural surfactants: 3. Carotenoid glycosides and isoprenoid glycolipids. Lipids, 2005, 40, 535-557.	0.7	55
25	Lipid compounds of freshwater sponges: family Spongillidae, class Demospongiae. Chemistry and Physics of Lipids, 2003, 123, 117-155.	1.5	54
26	Astonishing diversity of natural surfactants: 6. Biologically active marine and terrestrial alkaloid glycosides. Lipids, 2005, 40, 1081-1105.	0.7	38
27	Astonishing diversity of natural surfactants: 7. Biologically active hemi- and monoterpenoid glycosides. Lipids, 2006, 41, 1-27.	0.7	38
28	Natural and synthetic drugs used for the treatment of the dementia. Biochemical and Biophysical Research Communications, 2020, 524, 772-783.	1.0	38
29	Distribution of diacylglycerylhomoserines, phospholipids and fatty acids in thirteen moss species from Southwestern Siberia. Biochemical Systematics and Ecology, 1995, 23, 71-78.	0.6	35
30	Natural neo acids and neo alkanes: Their analogs and derivatives. Lipids, 2006, 41, 309-340.	0.7	35
31	Secondary metabolites of slime molds (myxomycetes). Phytochemistry, 2005, 66, 747-769.	1.4	34
32	Phospholipid composition of some marine red algae. Phytochemistry, 1990, 29, 3149-3152.	1.4	33
33	Recent Advances in the Medicinal Chemistry of —Aminoboronic Acids, Amine-Carboxyboranes and Their Derivatives. Mini-Reviews in Medicinal Chemistry, 2004, 4, 1001-1018.	1.1	30
34	Naturally occurring aromatic steroids and their biological activities. Applied Microbiology and Biotechnology, 2018, 102, 4663-4674.	1.7	29
35	Oxetane-containing metabolites: origin, structures, and biological activities. Applied Microbiology and Biotechnology, 2019, 103, 2449-2467.	1.7	29
36	Pharmacological profile of natural and synthetic compounds with rigid adamantane-based scaffolds as potential agents for the treatment of neurodegenerative diseases. Biochemical and Biophysical Research Communications, 2020, 529, 1225-1241.	1.0	28

#	ARTICLE	IF	CITATIONS
37	Antitumor and hepatoprotective activity of natural and synthetic neo steroids. <i>Progress in Lipid Research</i> , 2020, 79, 101048.	5.3	28
38	Astonishing diversity of natural surfactants: 2. Polyether glycosidic ionophores and macrocyclic glycosides. <i>Lipids</i> , 2005, 40, 219-248.	0.7	27
39	Chemical Diversity of Soft Coral Steroids and Their Pharmacological Activities. <i>Marine Drugs</i> , 2020, 18, 613.	2.2	27
40	Acetylenic acids and lipid compositions of some mosses from Russia. <i>Phytochemistry</i> , 1993, 33, 1021-1027.	1.4	26
41	Highly oxygenated isoprenoid lipids derived from fungi and fungal endophytes: Origin and biological activities. <i>Steroids</i> , 2018, 140, 114-124.	0.8	23
42	Astonishing diversity of natural surfactants: 4. Fatty acid amide glycosides, their analogs and derivatives. <i>Lipids</i> , 2005, 40, 641-660.	0.7	22
43	Hydroperoxy steroids and triterpenoids derived from plant and fungi: Origin, structures and biological activities. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 76-87.	1.2	22
44	Comparative investigation of phospholipids and fatty acids of freshwater molluscs from the Volga river basin. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1992, 102, 193-198.	0.2	21
45	Isoprenoid Polyunsaturated Fatty Acids from Freshwater Sponges. <i>Journal of Natural Products</i> , 1993, 56, 1898-1904.	1.5	21
46	Fulcineroside, an Unusual Glycosidic Dibenzofuran Metabolite from the Slime Mold <i>Fuligo cinerea</i> (Schwein.) Morgan. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2708-2714.	1.2	21
47	Identification of the Eight-Membered Heterocycles Hicksoanes C_{10} from the Gorgonian <i>Subergorgia hicksoni</i> . <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1265-1270.	1.2	21
48	Peroxy steroids derived from plant and fungi and their biological activities. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7657-7667.	1.7	21
49	Ionic liquids assisted desulfurization and denitrogenation of fuels. <i>Vietnam Journal of Chemistry</i> , 2019, 57, 133-163.	0.7	21
50	Multibranching Polyunsaturated and Very-Long-Chain Fatty Acids of Freshwater Israeli Sponges. <i>Journal of Natural Products</i> , 2002, 65, 709-713.	1.5	19
51	Five new derivatives of nonactin and homo-nonactin acids from <i>Streptomyces globisporus</i> . <i>Tetrahedron</i> , 2004, 60, 4781-4787.	1.0	19
52	In Silico Prediction of Steroids and Triterpenoids as Potential Regulators of Lipid Metabolism. <i>Marine Drugs</i> , 2021, 19, 650.	2.2	18
53	Steroid phosphate esters and phosphosteroids and their biological activities. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7679-7692.	1.7	15
54	Naturally occurring of β , γ -diepoxy-containing compounds: origin, structures, and biological activities. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3249-3264.	1.7	15

#	ARTICLE	IF	CITATIONS
55	Comparative study of the endemic freshwater fauna of Lake Baikal—VI. Unusual fatty acid and lipid composition of the endemic sponge <i>Lubomirskia baicalensis</i> and its amphipod crustacean parasite <i>Brandtia</i> (<i>Spinacanthus</i>) <i>parasitica</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 109, 415-426.	0.2	14
56	Unusually high levels of eicosatetraenoic, eicosapentaenoic, and docosahexaenoic fatty acids in palestinian freshwater sponges. <i>Lipids</i> , 1996, 31, 647-650.	0.7	14
57	Antiprotozoal and Antitumor Activity of Natural Polycyclic Endoperoxides: Origin, Structures and Biological Activity. <i>Molecules</i> , 2021, 26, 686.	1.7	14
58	Naturally occurring marine $\hat{1}\pm, \hat{1}^2$ -epoxy steroids: Origin and biological activities. <i>Vietnam Journal of Chemistry</i> , 2018, 56, 409-433.	0.7	12
59	Sulfated and Sulfur-Containing Steroids and Their Pharmacological Profile. <i>Marine Drugs</i> , 2021, 19, 240.	2.2	12
60	$\hat{1}\pm, \hat{1}^2, \hat{1}^3$ - AND $\hat{1}\%$ -CYCLOPROPYLPHOSPHONATES. PREPARATION AND BIOLOGICAL ACTIVITY. <i>Organic Preparations and Procedures International</i> , 2008, 40, 505-542.	0.6	11
61	Acetylenic Aquatic Anticancer Agents and Related Compounds. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	10
62	Hydroperoxides derived from marine sources: origin and biological activities. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1627-1642.	1.7	9
63	gem-Metallozirconocenes in Organic Synthesis. , 0, , 230-281.		8
64	Antibacterial and Antifungal Activities of Some Phenolic Metabolites Isolated from the Lichenized Ascomycete <i>Ramalina lacera</i> . <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	8
65	Pharmacological Activities of Epithio Steroids. <i>Journal of Pharmaceutical Research International</i> , 2017, 18, 1-19.	1.0	8
66	Comparative study of the endemic freshwater fauna of lake baikal—VI. Phospholipid and fatty acid composition of two mollusc species, <i>Baicalia oviformis</i> and <i>Benedictia baicalensis</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 106, 819-823.	0.2	7
67	Acetylenic Terrestrial Anticancer Agents. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	7
68	Mini Review: Anticancer activity of diterpenoid peroxides. <i>Vietnam Journal of Chemistry</i> , 2020, 58, 273-280.	0.7	7
69	Natural Polyether Ionophores and Their Pharmacological Profile. <i>Marine Drugs</i> , 2022, 20, 292.	2.2	7
70	Comparative examination of phospholipids and fatty acids from some caspian invertebrates. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 104, 617-622.	0.2	6
71	Natural sulphur-containing steroids: Origin and biological activities. <i>Vietnam Journal of Chemistry</i> , 2018, 56, 533-541.	0.7	6
72	Antitumor Profile of Carbon-Bridged Steroids (CBS) and Triterpenoids. <i>Marine Drugs</i> , 2021, 19, 324.	2.2	6

#	ARTICLE	IF	CITATIONS
73	Bioactive Fungal Endoperoxides. <i>Medical Mycology: Open Access</i> , 2015, 1, .	0.3	5
74	Highly oxygenated isoprenoid lipids derived from terrestrial and aquatic sources: Origin, structures and biological activities. <i>Vietnam Journal of Chemistry</i> , 2019, 57, 1-15.	0.7	5
75	Paradigm Shifts in Fungal Secondary Metabolite Research: Unusual Fatty Acids Incorporated into Fungal Peptides. <i>International Journal of Current Research in Biosciences and Plant Biology</i> , 2017, 4, 7-29.	0.1	5
76	Microbiological Aspects of Unique, Rare, and Unusual Fatty Acids Derived from Natural Amides and Their Pharmacological Profile. <i>Microbiology Research</i> , 2022, 13, 377-417.	0.8	5
77	Comparative study of the endemic freshwater fauna of Lake Baikalâ€”IV. Phospholipid and fatty acid compositions of two gastropod molluscs of the genus <i>Valvata</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 107, 325-330.	0.2	4
78	Phytochemical Analysis and Comparison for Differentiation of <i>Boswellia Carterii</i> and <i>B. Serrata</i> . <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	4
79	Occurrence of Sulfur-Containing Fatty Acids in <i>Allium sativum</i> . <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	4
80	Diverse Terpenoids and Phenolic Compounds Extracted from Leaves of <i>Majorana syriaca</i> Growing Wild in Palestine. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2009, 15, 272-280.	0.5	2
81	Synthesis and biological activities of organoaluminum steroids. <i>Vietnam Journal of Chemistry</i> , 2018, 56, 661-666.	0.7	2
82	Hydrobiological Aspects of Saturated, Methyl-Branched, and Cyclic Fatty Acids Derived from Aquatic Ecosystems: Origin, Distribution, and Biological Activity. <i>Hydrobiology</i> , 2022, 1, 89-110.	0.9	1