Olesya S Malyarenko

List of Publications by Year
in descending order

58	1,639	279798	302126
papers	citations	23 h-index	39 g-index

59	59	59	1661
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfated polysaccharides from brown seaweeds Saccharina japonica and Undaria pinnatifida: isolation, structural characteristics, and antitumor activity. Carbohydrate Research, 2011, 346, 2769-2776.	2.3	217
2	Water-soluble polysaccharides from the brown alga Eisenia bicyclis: Structural characteristics and antitumor activity. Algal Research, 2013, 2, 51-58.	4.6	103
3	The fucoidans from brown algae of Far-Eastern seas: Anti-tumor activity and structureâ€“function relationship. Food Chemistry, 2013, 141, 1211-1217.	8.2	98
4	Anticancer activity in vitro of a fucoidan from the brown alga Fucus evanescens and its low-molecular fragments, structurally characterized by tandem mass-spectrometry. Carbohydrate Polymers, 2012, 87, 186-194.	10.2	91
5	Structure, enzymatic transformation, anticancer activity of fucoidan and sulphated fucooligosaccharides from Sargassum horneri. Carbohydrate Polymers, 2017, 175, 654-660.	10.2	68
6	Structural elucidation of polysaccharide fractions from the brown alga Coccophora langsdorfii and in vitro investigation of their anticancer activity. Carbohydrate Polymers, 2016, 135, 162-168.	10.2	66
7	Further studies on structure of fucoidan from brown alga Saccharina gurjanovae. Carbohydrate Polymers, 2015, 121, 207-216.	10.2	65
8	Fucoidans from Brown Alga Fucus evanescens: Structure and Biological Activity. Frontiers in Marine Science, 2016, 3, .	2.5	61
9	Laminaran from brown alga Dictyota dichotoma and its sulfated derivative as radioprotectors and radiosensitizers in melanoma therapy. Carbohydrate Polymers, 2019, 206, 539-547.	10.2	52
10	Modification of native fucoidan from Fucus evanescens by recombinant fucoidanase from marine bacteria Formosa algae. Carbohydrate Polymers, 2018, 193, 189-195.	10.2	51
11	Fucoidans from brown algae Laminaria longipes and Saccharina cichorioides: Structural characteristics, anticancer and radiosensitizing activity in vitro. Carbohydrate Polymers, 2019, 221, 157-165.	10.2	47
12	In vitro anticancer activity of the laminarans from Far Eastern brown seaweeds and their sulfated derivatives. Journal of Applied Phycology, 2017, 29, 543-553.	2.8	46
13	Structural Characteristics and Biological Activity of Fucoidans from the Brown Algae Alaria sp. and Saccharina japonica of Different Reproductive Status. Chemistry and Biodiversity, 2012, 9, 817-828.	2.1	45
14	The Effect of Sulfated (1â†’3)-Î±-l-Fucan from the Brown Alga Saccharina cichorioides Miyabe on Resveratrol-Induced Apoptosis in Colon Carcinoma Cells. Marine Drugs, 2013, 11, 194-212.	4.6	41
15	Structure and anticancer activity of native and modified polysaccharides from brown alga Dictyota dichotoma. Carbohydrate Polymers, 2018, 180, 21-28.	10.2	39
16	BCKDK of BCAA Catabolism Cross-talking With the MAPK Pathway Promotes Tumorigenesis of Colorectal Cancer. EBioMedicine, 2017, 20, 50-60.	6.1	35
17	Structure, chemical and enzymatic modification, and anticancer activity of polysaccharides from the brown alga Turbinaria ornata. Journal of Applied Phycology, 2016, 28, 2495-2505.	2.8	32
18	A novel sulfated fucan from Vietnamese sea cucumber Stichopus variegatus: Isolation, structure and anticancer activity in vitro. International Journal of Biological Macromolecules, 2018, 117, 1101-1109.	7.5	30

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19	Two New Alginate Lyases of PL7 and PL6 Families from Polysaccharide-Degrading Bacterium Formosa algae KMM 3553T: Structure, Properties, and Products Analysis. Marine Drugs, 2020, 18, 130.	4.6	28
20	Decumbenone C, a new cytotoxic decaline derivative from the marine fungus Aspergillus sulphureus KMM 4640. Archives of Pharmacal Research, 2012, 35, 1757-1762.	6.3	27
21	Enzymatic transformation and anti-tumor activity of Sargassum horneri fucoidan. Carbohydrate Polymers, 2020, 246, 116635.	10.2	27
22	Structural diversity of fucoidans and their radioprotective effect. Carbohydrate Polymers, 2021, 273, 118551.	10.2	26
23	Asterosaponins from the Far Eastern starfish Leptasterias ochotensis and their anticancer activity. Steroids, 2014, 87, 119-127.	1.8	24
24	Nine New Triterpene Glycosides, Magnumosides A1â€“A4, B1, B2, C1, C2 and C4, from the Vietnamese Sea Cucumber Neothyonidium (=Massinium) magnum: Structures and Activities against Tumor Cells Independently and in Synergy with Radioactive Irradiation. Marine Drugs, 2017, 15, 256.	4.6	24
25	Metabolites of Seaweeds as Potential Agents for the Prevention and Therapy of Influenza Infection. Marine Drugs, 2019, 17, 373.	4.6	24
26	Four New Sulfated Polar Steroids from the Far Eastern Starfish Leptasterias ochotensis: Structures and Activities. Marine Drugs, 2015, 13, 4418-4435.	4.6	23
27	Laminarans and 1,3-Î²-D-glucanases. International Journal of Biological Macromolecules, 2020, 163, 1010-1025.	7.5	23
28	The Inhibitory Activity of Luzonicosides from the Starfish Echinaster luzonicus against Human Melanoma Cells. Marine Drugs, 2017, 15, 227.	4.6	21
29	Total Syntheses and Preliminary Biological Evaluation of Brominated Fascaplysin and Reticulatine Alkaloids and Their Analogues. Marine Drugs, 2019, 17, 496.	4.6	19
30	Structures and Bioactivities of Six New Triterpene Glycosides, Psolusosides E, F, G, H, H1, and I and the Corrected Structure of Psolusoside B from the Sea Cucumber Psolus fabricii. Marine Drugs, 2019, 17, 358.	4.6	15
31	Cladolosides C4, D1, D2, M, M1, M2, N and Q, new triterpene glycosides with diverse carbohydrate chains from sea cucumber Cladolabes schmeltzii. An uncommon 20,21,22,23,24,25,26,27-okta-nor-lanostane aglycone. The synergism of inhibitory action of non-toxic dose of the glycosides and radioactive irradiation on colony formation of HT-29 cancer cells. Carbohydrate Research, 2018, 468, 36-44.	2.3	13
32	The structure of fucoidan from Sargassum oligocystum and radiosensitizing activity of galactofucans from some algae of genus Sargassum. International Journal of Biological Macromolecules, 2021, 183, 1427-1435.	7.5	12
33	New Triterpene Glycosides from the Far Eastern Starfish Solaster pacificus and Their Biological Activity. Biomolecules, 2021, 11, 427.	4.0	11
34	Asterosaponins from the tropical starfish Acanthaster planci and their cytotoxic and anticancer activities in vitro. Natural Product Research, 2021, 35, 548-555.	1.8	10
35	Aminated laminaran from brown alga Saccharina cichorioides: Synthesis, structure, anticancer, and radiosensitizing potential in vitro. Carbohydrate Polymers, 2020, 250, 117007.	10.2	9
36	Polyphenolic Metabolites from Iris pseudacorus Roots. Chemistry of Natural Compounds, 2015, 51, 451-455.	0.8	8

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37	Six New Polyhydroxysteroidal Glycosides, Anthenosides S1Ââ€“ÂS6, from the Starfish Anthenea sibogae. Chemistry and Biodiversity, 2018, 15, e1700553.	2.1	8
38	Fucoidan from brown algae Fucus evanescens potentiates the anti-proliferative efficacy of asterosaponins from starfish Asteropsis carinifera in 2D and 3D models of melanoma cells. International Journal of Biological Macromolecules, 2021, 185, 31-39.	7.5	8
39	In Vitro Anticancer and Proapoptotic Activities of Steroidal Glycosides from the Starfish Anthenea aspera. Marine Drugs, 2018, 16, 420.	4.6	7
40	The Effect of Fucoidan from the Brown Alga Fucus evanescence on the Activity of Î±-N-Acetylgalactosaminidase of Human Colon Carcinoma Cells. Marine Drugs, 2018, 16, 155.	4.6	7
41	Cladolosides O, P, P1-P3 and R, triterpene glycosides with two novel types of carbohydrate chains from the sea cucumberCladolabes schmeltzii. Inhibition of cancer cells colony formation and its synergy with radioactive irradiation. Carbohydrate Research, 2018, 468, 73-79.	2.3	7
42	Effects of Polar Steroids from the Starfish Patiria (=Asterina) pectinifera in Combination with X-Ray Radiation on Colony Formation and Apoptosis Induction of Human Colorectal Carcinoma Cells. Molecules, 2019, 24, 3154.	3.8	7
43	Structures and Bioactivities of Quadrangularisosides A, A1, B, B1, B2, C, C1, D, D1â€“D4, and E from the Sea Cucumber Colochirus quadrangularis: The First Discovery of the Glycosides, Sulfated by C-4 of the Terminal 3-O-Methylglucose Residue. Synergetic Effect on Colony Formation of Tumor HT-29 Cells of these Glycosides with Radioactive Irradiation. Marine Drugs, 2020, 18, 394.	4.6	7
44	Sea Anemone Heteractis crispa Actinoporin Demonstrates In Vitro Anticancer Activities and Prevents HT-29 Colorectal Cancer Cell Migration. Molecules, 2020, 25, 5979.	3.8	7
45	Two New Steroidal Monoglycosides, Anthenosides A1 and A2, and Revision of the Structure of Known Anthenoside A with Unusual Monosaccharide Residue from the Starfish Anthenea aspera. Molecules, 2018, 23, 1077.	3.8	6
46	In Vitro Anticancer and Radiosensitizing Activities of Phlorethols from the Brown Alga Costaria costata. Molecules, 2020, 25, 3208.	3.8	5
47	The role of T-LAK cell-originated protein kinase in targeted cancer therapy. Molecular and Cellular Biochemistry, 2022, 477, 759-769.	3.1	5
48	Polar steroid compounds from the Arctic starfish Asterias microdiscus and their cytotoxic properties against normal and tumor cells inÂvitro. Natural Product Research, 2021, 35, 5765-5772.	1.8	4
49	Combined Anticancer Effect of Sulfated Laminaran from the Brown Alga Alaria angusta and Polyhydroxysteroid Glycosides from the Starfish Protoreaster lincki on 3D Colorectal Carcinoma HCT 116 Cell Line. Marine Drugs, 2021, 19, 540.	4.6	4
50	Disulfated Ophiuroid Type Steroids from the Far Eastern Starfish Pteraster marsippus and Their Cytotoxic Activity on the Models of 2D and 3D Cultures. Marine Drugs, 2022, 20, 164.	4.6	4
51	In Vitro Anticancer and Cancer-Preventive Activity of New Triterpene Glycosides from the Far Eastern Starfish Solaster pacificus. Marine Drugs, 2022, 20, 216.	4.6	4
52	Magnumosides B₃, B₄ and C₃, Mono- and Disulfated Triterpene Tetraosides from the Vietnamese Sea Cucumber Neothyonidium (= Massinium) magnum. Natural Product Communications, 2017, 12, 1934578X1701201.	0.5	3
53	New Conjugates of Polyhydroxysteroids with Long-Chain Fatty Acids from the Deep-Water Far Eastern Starfish Ceramaster patagonicus and Their Anticancer Activity. Marine Drugs, 2020, 18, 260.	4.6	3
54	In Vitro and In Vivo Effects of Holotoxin A₁ From the Sea Cucumber Apostichopus japonicus During Ionizing Radiation. Natural Product Communications, 2020, 15, 1934578X2093203.	0.5	3

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55	Unusual Polyhydroxylated Steroids from the Starfish Anthenoides laevigatus, Collected off the Coastal Waters of Vietnam. Molecules, 2020, 25, 1440.	3.8	3
56	Fucoidans: Anticancer Activity and Molecular Mechanisms of Action. , 2017, , 175-203.		2
57	Occurrence of Melibiose-Containing Glycosphingolipids in a Sample of a Sponge-Coral Association (Desmapsamma anchorata/Carijoa riisei). Chemistry and Biodiversity, 2019, 16, e1800401.	2.1	2
58	Effects of Sponge-Derived Alkaloids on Activities of the Bacterial Î±-D-Galactosidase and Human Cancer Cell Î±-N-Acetylgalactosaminidase. Biomedicines, 2021, 9, 510.	3.2	2