

Natalia V Ivanchina

List of Publications by Year in descending order

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95
papers

1,332
citations

394421

19
h-index

454955

30
g-index

100
all docs

100
docs citations

100
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	Steroid glycosides from marine organisms. <i>Steroids</i> , 2011, 76, 425-454.	1.8	160
2	Polar Steroidal Compounds from the Far Eastern Starfish <i>Henricia leviuscula</i> . <i>Journal of Natural Products</i> , 2006, 69, 224-228.	3.0	52
3	Glycosides from Marine Sponges (Porifera, Demospongiae): Structures, Taxonomical Distribution, Biological Activities and Biological Roles. <i>Marine Drugs</i> , 2012, 10, 1671-1710.	4.6	47
4	Hemolytic Polar Steroidal Constituents of the Starfish <i>Aphelasterias japonica</i> . <i>Journal of Natural Products</i> , 2000, 63, 1178-1181.	3.0	44
5	Biological activities of steroid glycosides from starfish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 134, 695-701.	1.6	39
6	The distribution of free sterols, polyhydroxysteroids and steroid glycosides in various body components of the starfish <i>Patiria (=Asterina) pectinifera</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 43-52.	1.6	36
7	Cyclic Steroid Glycosides from the Starfish <i>Echinaster luzonicus</i> : Structures and Immunomodulatory Activities. <i>Journal of Natural Products</i> , 2015, 78, 1397-1405.	3.0	32
8	Two new asterosaponins, archasterosides A and B, from the Vietnamese starfish <i>Archaster typicus</i> and their anticancer properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3826-3830.	2.2	28
9	Asterosaponins: Structures, Taxonomic Distribution, Biogenesis and Biological Activities. <i>Marine Drugs</i> , 2020, 18, 584.	4.6	26
10	New Steroid Glycosides from the Starfish <i>Asterias rathbuni</i> . <i>Journal of Natural Products</i> , 2001, 64, 945-947.	3.0	25
11	New Polar Steroids from Starfish. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.5	25
12	Steroidal Triglycosides, Kurilensosides A, B, and C, and Other Polar Steroids from the Far Eastern Starfish <i>Hippasteria kurilensis</i> . <i>Journal of Natural Products</i> , 2008, 71, 793-798.	3.0	24
13	Asterosaponins from the Far Eastern starfish <i>Leptasterias ochotensis</i> and their anticancer activity. <i>Steroids</i> , 2014, 87, 119-127.	1.8	24
14	Four New Asterosaponins, Hippasteriosides A, B, C, and D, from the Far Eastern Starfish <i>Hippasteria kurilensis</i> . <i>Chemistry and Biodiversity</i> , 2011, 8, 166-175.	2.1	23
15	Four New Sulfated Polar Steroids from the Far Eastern Starfish <i>Leptasterias ochotensis</i> : Structures and Activities. <i>Marine Drugs</i> , 2015, 13, 4418-4435.	4.6	23
16	New Steroid Glycosides from the Deep-Water Starfish <i>Mediaster murrayi</i> . <i>Journal of Natural Products</i> , 1999, 62, 279-282.	3.0	22
17	Neuritogenic and Neuroprotective Effects of Polar Steroids from the Far East Starfishes <i>Patiria pectinifera</i> and <i>Distolasterias nipon</i> . <i>Marine Drugs</i> , 2013, 11, 1440-1455.	4.6	22
18	Alkaloidosteroids from the starfish <i>Lethasterias nanimensis chelifera</i> . <i>Tetrahedron Letters</i> , 2003, 44, 1935-1937.	1.4	21

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19	The Inhibitory Activity of Luzonicosides from the Starfish <i>Echinaster luzonicus</i> against Human Melanoma Cells. <i>Marine Drugs</i> , 2017, 15, 227.	4.6	21
20	Sulfated steroid compounds from the starfish <i>Aphelasterias japonica</i> of the Kuril population. <i>Russian Chemical Bulletin</i> , 2001, 50, 724-727.	1.5	19
21	Hemolytic Steroid Disulfates from the Far Eastern Starfish <i>Pteraster pulvillus</i> . <i>Journal of Natural Products</i> , 2003, 66, 298-301.	3.0	19
22	Asterosaponin P2 from the Far-Eastern starfish <i>Patiria (Asterina) pectinifera</i> . <i>Russian Chemical Bulletin</i> , 2000, 49, 1794-1795.	1.5	18
23	Steroidal monoglycosides from the Far Eastern starfish <i>Hippasteria kurilensis</i> and hypothetic pathways of polyhydroxysteroid biosynthesis in starfish. <i>Steroids</i> , 2009, 74, 238-244.	1.8	18
24	Cucumariosides F1 and F2, two new triterpene glycosides from the sea cucumber <i>Eupentacta fraudatrix</i> and their LC-ESI MS/MS identification in the starfish <i>Patiria pectinifera</i> , a predator of the sea cucumber. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 191-197.	1.3	16
25	Furostane Series Asterosaponins and Other Unusual Steroid Oligoglycosides from the Tropical Starfish <i>Pentaceraster regulus</i> . <i>Journal of Natural Products</i> , 2017, 80, 2761-2770.	3.0	16
26	Metabolite Profiling of Triterpene Glycosides of the Far Eastern Sea Cucumber <i>Eupentacta fraudatrix</i> and Their Distribution in Various Body Components Using LC-ESI QTOF-MS. <i>Marine Drugs</i> , 2017, 15, 302.	4.6	16
27	Four new steroid glycosides from the Vietnamese starfish <i>Linckia laevigata</i> . <i>Russian Chemical Bulletin</i> , 2007, 56, 823-830.	1.5	15
28	Seasonal variations in the levels of polyhydroxysteroids and related glycosides in the digestive tissues of the starfish <i>Patiria (Asterina) pectinifera</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 897-903.	1.6	14
29	Sulfated steroid glycosides from the Viet Nameese starfish <i>Linckia laevigata</i> . <i>Chemistry of Natural Compounds</i> , 2007, 43, 76-80.	0.8	14
30	Anthenosides U, Steroidal Glycosides with Unusual Structural Features from the Starfish <i>Anthenea aspera</i> . <i>Journal of Natural Products</i> , 2016, 79, 3047-3056.	3.0	14
31	Cariniferosides F and other steroidal biglycosides from the starfish <i>Asteropsis carinifera</i> . <i>Steroids</i> , 2011, 76, 1280-1287.	1.8	13
32	Biosynthesis of polar steroids from the Far Eastern starfish <i>Patiria (=Asterina) pectinifera</i> . Cholesterol and cholesterol sulfate are converted into polyhydroxylated sterols and monoglycoside asterosaponin P1 in feeding experiments. <i>Steroids</i> , 2013, 78, 1183-1191.	1.8	13
33	Triterpene glycosides from the Vietnamese sea cucumber <i>Holothuria edulis</i> . <i>Natural Product Research</i> , 2020, 34, 1061-1067.	1.8	13
34	Two new asterosaponins from the Far Eastern starfish <i>Lethasterias fusca</i> . <i>Natural Product Communications</i> , 2012, 7, 853-8.	0.5	13
35	Absolute configuration of side chains of polyhydroxylated steroidal compounds from the starfish <i>Henricia derjugini</i> . <i>Russian Chemical Bulletin</i> , 2004, 53, 2639-2642.	1.5	12
36	Two New Asterosaponins from the Far Eastern Starfish <i>Lethasterias fusca</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	12

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37	Sphingolipids of Asteroidea and Holothuroidea: Structures and Biological Activities. <i>Marine Drugs</i> , 2021, 19, 330.	4.6	12
38	Highly hydroxylated steroids of the starfish <i>Archaster typicus</i> from the Vietnamese waters. <i>Steroids</i> , 2010, 75, 897-904.	1.8	11
39	Metabolite profiling of polar steroid constituents in the Far Eastern starfish <i>Aphelasterias japonica</i> using LC-ESI MS/MS. <i>Metabolomics</i> , 2014, 10, 1152-1168.	3.0	11
40	Granulosides D, E and other polar steroid compounds from the starfish <i>Choriaster granulatus</i> . Their immunomodulatory activity and cytotoxicity. <i>Natural Product Research</i> , 2019, 33, 2623-2630.	1.8	11
41	New Triterpene Glycosides from the Far Eastern Starfish <i>Solaster pacificus</i> and Their Biological Activity. <i>Biomolecules</i> , 2021, 11, 427.	4.0	11
42	Seasonal variations in polyhydroxysteroids and related glycosides from digestive tissues of the starfish <i>Patiria (=Asterina) pectinifera</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 581-585.	1.6	10
43	Six new polyhydroxylated steroids conjugated with taurine, microdiscusols A-F, from the Arctic starfish <i>Asterias microdiscus</i> . <i>Steroids</i> , 2019, 150, 108458.	1.8	10
44	Asterosaponins from the tropical starfish <i>Acanthaster planci</i> and their cytotoxic and anticancer activities <i>in vitro</i> . <i>Natural Product Research</i> , 2021, 35, 548-555.	1.8	10
45	Determination of C-23 configuration in (20R)-23-hydroxycholestane side chain of steroid compounds by ¹ H and ¹³ C NMR spectroscopy. <i>Natural Product Communications</i> , 2013, 8, 1219-22.	0.5	10
46	The Influence on LPS-Induced ROS Formation in Macrophages of Capelloside A, a New Steroid Glycoside from the Starfish <i>Ogmaster capella</i> . <i>Natural Product Communications</i> , 2015, 10, 1937-40.	0.5	10
47	Polyhydroxysteroids from the Far-Eastern starfish <i>Ctenodiscus crispatus</i> . <i>Russian Chemical Bulletin</i> , 1994, 43, 1726-1730.	1.5	9
48	Minor asterosaponin archasteroside C from the starfish <i>Archaster typicus</i> . <i>Russian Chemical Bulletin</i> , 2010, 59, 2133-2136.	1.5	9
49	The Influence on LPS-Induced ROS Formation in Macrophages of Capelloside A, a New Steroid Glycoside from the Starfish <i>Ogmaster capella</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	9
50	Four New Steroidal Glycosides, Protolinckiosides A - D, from the Starfish <i>Protoreaster lincki</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 998-1007.	2.1	9
51	Application of MS-Based Metabolomic Approaches in Analysis of Starfish and Sea Cucumber Bioactive Compounds. <i>Marine Drugs</i> , 2022, 20, 320.	4.6	9
52	Polar steroidal compounds from the Far-Eastern starfish <i>Lethasterias nanimensis chelifera</i> . <i>Russian Chemical Bulletin</i> , 2004, 53, 447-454.	1.5	8
53	Structures of new polar steroids from the Far-Eastern starfish <i>Ctenodiscus crispatus</i> . <i>Russian Chemical Bulletin</i> , 2005, 54, 1266-1271.	1.5	8
54	Neurotrophic effects of polyhydroxylated steroids and steroid glycosides in cultured neuroblastoma cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 141, 584-587.	0.8	8

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55	Minor Steroidal Triglycoside Planciside D from the Tropical Starfish <i>Acanthaster planci</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 1032-1036.	0.8	8
56	LC-MS-based metabolome analysis on steroid metabolites from the starfish <i>Patiria (=Asterina) pectinifera</i> in conditions of active feeding and stresses. <i>Metabolomics</i> , 2016, 12, 1.	3.0	8
57	Six New Polyhydroxysteroidal Glycosides, Anthenosides S1-S6, from the Starfish <i>Anthenea sibogae</i> . <i>Chemistry and Biodiversity</i> , 2018, 15, e1700553.	2.1	8
58	The Distribution of Asterosaponins, Polyhydroxysteroids and Related Glycosides in Different Body Components of the Far Eastern Starfish <i>Lethasterias fusca</i> . <i>Marine Drugs</i> , 2019, 17, 523.	4.6	8
59	Structural Characterization of Polar Steroid Compounds of the Far Eastern Starfish <i>Lethasterias fusca</i> by Nanoflow Liquid Chromatography Coupled to Quadrupole Time-of-Flight Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 743-764.	2.8	8
60	Fucoidan from brown algae <i>Fucus evanescens</i> potentiates the anti-proliferative efficacy of asterosaponins from starfish <i>Asteropsis carinifera</i> in 2D and 3D models of melanoma cells. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 31-39.	7.5	8
61	Three new steroid biglycosides, plancisides A, B, and C, from the starfish <i>Acanthaster planci</i> . <i>Natural Product Communications</i> , 2014, 9, 1269-74.	0.5	8
62	Fisherioside a, a new steroidal glycoside from the starfish <i>Leptasterias fisheri</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 806-809.	0.8	7
63	In Vitro Anticancer and Proapoptotic Activities of Steroidal Glycosides from the Starfish <i>Anthenea aspera</i> . <i>Marine Drugs</i> , 2018, 16, 420.	4.6	7
64	Effects of Polar Steroids from the Starfish <i>Patiria (=Asterina) pectinifera</i> in Combination with X-Ray Radiation on Colony Formation and Apoptosis Induction of Human Colorectal Carcinoma Cells. <i>Molecules</i> , 2019, 24, 3154.	3.8	7
65	Oceanalin B, a Hybrid β -Bifunctionalized Sphingoid Tetrahydroisoquinoline β -Glycoside from the Marine Sponge <i>Oceanapia</i> sp.. <i>Marine Drugs</i> , 2021, 19, 635.	4.6	7
66	Three new polyhydroxysteroids from the tropical starfish <i>Asteropsis carinifera</i> . <i>Russian Journal of Bioorganic Chemistry</i> , 2010, 36, 755-761.	1.0	6
67	Minor steroidal glycosides from the far-east starfish <i>Aphelasterias japonica</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 286-290.	0.8	6
68	Two New Steroidal Monoglycosides, Anthenosides A1 and A2, and Revision of the Structure of Known Anthenoside A with Unusual Monosaccharide Residue from the Starfish <i>Anthenea aspera</i> . <i>Molecules</i> , 2018, 23, 1077.	3.8	6
69	LC-ESI MS/MS profiling of polar steroid metabolites of the Far Eastern starfish <i>Patiria (=Asterina) pectinifera</i> . <i>Metabolomics</i> , 2016, 12, 1.	3.0	5
70	Regulososides A, B, and C, Three New Polyhydroxysteroid Glycosides from the Starfish <i>Pentacaster regulus</i> . <i>Natural Product Communications</i> , 2016, 11, 1243-1246.	0.5	5
71	New Neuritogenic Steroid Glycosides from the Vietnamese Starfish <i>Linckia laevigata</i> . <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.5	4
72	Determination of C-23 Configuration in (20R)-23-Hydroxycholestane Side Chain of Steroid Compounds by ^1H and ^{13}C NMR Spectroscopy. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	4

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73	Polar steroid compounds from the Arctic starfish <i>Asterias microdiscus</i> and their cytotoxic properties against normal and tumor cells <i>in vitro</i> . <i>Natural Product Research</i> , 2021, 35, 5765-5772.	1.8	4
74	Application of Oxidative and Reductive Transformations in the Structure Determination of Marine Natural Products. <i>Journal of Natural Products</i> , 2020, 83, 1314-1333.	3.0	4
75	Combined Anticancer Effect of Sulfated Laminaran from the Brown Alga <i>Alaria angusta</i> and Polyhydroxysteroid Glycosides from the Starfish <i>Protoreaster lincki</i> on 3D Colorectal Carcinoma HCT 116 Cell Line. <i>Marine Drugs</i> , 2021, 19, 540.	4.6	4
76	Disulfated Ophiuroid Type Steroids from the Far Eastern Starfish <i>Pteraster marsippus</i> and Their Cytotoxic Activity on the Models of 2D and 3D Cultures. <i>Marine Drugs</i> , 2022, 20, 164.	4.6	4
77	In Vitro Anticancer and Cancer-Preventive Activity of New Triterpene Glycosides from the Far Eastern Starfish <i>Solaster pacificus</i> . <i>Marine Drugs</i> , 2022, 20, 216.	4.6	4
78	Streptocinnamides A and B, Depsipeptides from <i>Streptomyces</i> sp. KMM 9044. <i>Organic Letters</i> , 2022, 24, 4892-4895.	4.6	4
79	Steroid glycosides from the starfish <i>Solaster dawsoni</i> (Verrill). <i>Russian Chemical Bulletin</i> , 1993, 42, 943-946.	1.5	3
80	Asterosaponin Ophidianoside F from Gonads of the Far-Eastern Starfish <i>Aphelasterias japonica</i> . <i>Chemistry of Natural Compounds</i> , 2005, 41, 481-482.	0.8	3
81	Polar steroidal compounds from the Antarctic starfish <i>Diplasterias brucei</i> . <i>Chemistry of Natural Compounds</i> , 2006, 42, 621-622.	0.8	3
82	Proapoptotic and Anticarcinogenic Activities of <i>Leviusculoside G</i> from the Starfish <i>Henricia leviuscula</i> and Probable Molecular Mechanism. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.5	3
83	<i>Aphelasteroside F</i> , a new Asterosaponin from the Far Eastern Starfish <i>Aphelasterias japonica</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	3
84	Structural Analogues of Lanosterol from Marine Organisms of the Class Asterozoa as Potential Inhibitors of Human and <i>Candida albicans</i> Lanosterol 14 α -demethylases. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	3
85	A Holothurian Triterpene Glycoside <i>Holothurin A</i> (= <i>Echinoside A</i>) Isolated From the Starfish <i>Choriaster granulatus</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1985852.	0.5	3
86	New Conjugates of Polyhydroxysteroids with Long-Chain Fatty Acids from the Deep-Water Far Eastern Starfish <i>Ceramaster patagonicus</i> and Their Anticancer Activity. <i>Marine Drugs</i> , 2020, 18, 260.	4.6	3
87	Unusual Polyhydroxylated Steroids from the Starfish <i>Anthenoides laevigatus</i> , Collected off the Coastal Waters of Vietnam. <i>Molecules</i> , 2020, 25, 1440.	3.8	3
88	A new hexahydroxysteroid from the Far Eastern starfish <i>Luidia dawsoni</i> . <i>Russian Chemical Bulletin</i> , 1998, 47, 2032-2033.	1.5	2
89	Three New Steroid Biglycosides, <i>Plancisides A, B, and C</i> , from the Starfish <i>Acanthaster planci</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	2
90	Unusual Steroid Constituents from the Tropical Starfish <i>Leiaster</i> sp. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	1

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91	A New Steroidal Glycoside Granuloside C from the Starfish <i>Choriaster granulatus</i> , Unexpectedly Combining Structural Features of Polar Steroids from Several Different Marine Invertebrate Phyla. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	1
92	Marine Glycoconjugates: Trends and Perspectives. <i>Marine Drugs</i> , 2020, 18, 120.	4.6	1
93	Carbohydrate-Containing Marine Compounds of Mixed Biogenesis. <i>Marine Drugs</i> , 2021, 19, 694.	4.6	1
94	Regulosides A, B, and C, Three New Polyhydroxysteroid Glycosides from the Starfish <i>Pentacaster regulus</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	0
95	Synthesis of Deuterium-Labeled Steroid 3,6-Diols. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	0