

# Tatyana N Makarieva

## List of Publications by Year in descending order

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94  
papers

1,713  
citations

257450

24  
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361022

35  
g-index

100  
all docs

100  
docs citations

100  
times ranked

1355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monanchocidin: A New Apoptosis-Inducing Polycyclic Guanidine Alkaloid from the Marine Sponge <i>Monanchora pulchra</i> . <i>Organic Letters</i> , 2010, 12, 4292-4295.	4.6	81
2	Varacin and Three New Marine Antimicrobial Polysulfides from the Far-Eastern Ascidian Polycitorsp.. <i>Journal of Natural Products</i> , 1995, 58, 254-258.	3.0	75
3	Rhizochalin, a novel secondary metabolite of mixed biosynthesis from the sponge <i>Rhizochalina incrustata</i> . <i>Tetrahedron Letters</i> , 1989, 30, 6581-6584.	1.4	64
4	Monanchocidins B-E: Polycyclic Guanidine Alkaloids with Potent Antileukemic Activities from the Sponge <i>Monanchora pulchra</i> . <i>Journal of Natural Products</i> , 2011, 74, 1952-1958.	3.0	63
5	Marine alkaloid Monanchocidin overcomes drug resistance by induction of autophagy and lysosomal membrane permeabilization. <i>Oncotarget</i> , 2015, 6, 17328-17341.	1.8	61
6	Guanidine Alkaloids from the Marine Sponge <i>Monanchora pulchra</i> Show Cytotoxic Properties and Prevent EGF-Induced Neoplastic Transformation in Vitro. <i>Marine Drugs</i> , 2016, 14, 133.	4.6	48
7	Biosynthetic studies of marine lipids. 42. Biosynthesis of steroid and triterpenoid metabolites in the sea cucumber <i>Eupentacta fraudatrix</i> . <i>Steroids</i> , 1993, 58, 508-517.	1.8	47
8	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
9	Pibocin B, the First N-O-Methylindole Marine Alkaloid, a Metabolite from the Far-Eastern Ascidian <i>Eudistoma</i> Species. <i>Journal of Natural Products</i> , 2001, 64, 1559-1561.	3.0	43
10	Rhizochalins C and D from the Sponge <i>Rhizochalina incrustata</i> . A Rare threo-Sphingolipid and a Facile Method for Determination of the Carbonyl Position in $\pm$ -Bifunctionalized Ketosphingolipids. <i>Journal of Natural Products</i> , 2007, 70, 1991-1998.	3.0	41
11	Monanchomycalins A and B, unusual guanidine alkaloids from the sponge <i>Monanchora pulchra</i> . <i>Tetrahedron Letters</i> , 2012, 53, 4228-4231.	1.4	41
12	A new cytotoxic fatty acid (5Z,9Z)-22-methyl-5,9-tetracosadienoic acid and the sterols from the far Eastern sponge <i>Geodinella robusta</i> . <i>Lipids</i> , 2002, 37, 75-80.	1.7	37
13	Oceanalin A, a Hybrid $\pm$ -Bifunctionalized Sphingoid Tetrahydroisoquinoline $\hat{2}$ -Glycoside from the Marine Sponge <i>Oceanapia</i> sp.. <i>Organic Letters</i> , 2005, 7, 2897-2900.	4.6	33
14	Structure of Cucumarioside G2, a Novel Nonholostane Glycoside from the Sea Cucumber <i>Eupentacta fraudatrix</i> . <i>Journal of Natural Products</i> , 1994, 57, 1166-1171.	3.0	32
15	Pibocin, the first ergoline marine alkaloid from the Far-Eastern ascidian <i>Eudistoma</i> sp.. <i>Tetrahedron Letters</i> , 1999, 40, 1591-1594.	1.4	32
16	Comparative study of chemical composition and antitumor activity of aqueous-ethanol extracts of brown algae <i>Laminaria cichorioides</i> , <i>Costaria costata</i> , and <i>Fucus evanescens</i> . <i>Russian Journal of Marine Biology</i> , 2009, 35, 164-170.	0.6	32
17	Natural Compounds Interacting with Nicotinic Acetylcholine Receptors: From Low-Molecular Weight Ones to Peptides and Proteins. <i>Toxins</i> , 2015, 7, 1683-1701.	3.4	32
18	Sarcochromenol Sulfates A-C and Sarcohydroquinone Sulfates A-C, New Natural Products from the Sponge <i>Sarcotragus spinulosus</i> . <i>Journal of Natural Products</i> , 1992, 55, 1256-1260.	3.0	31

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19	Sterols from six marine sponges. <i>Biochemical Systematics and Ecology</i> , 2004, 32, 153-167.	1.3	31
20	Topsentiasterol sulfates with novel iodinated and chlorinated side chains from the marine sponge <i>Topsentia</i> sp.. <i>Tetrahedron Letters</i> , 2008, 49, 7191-7193.	1.4	30
21	Marine Two-Headed Sphingolipid-Like Compound Rhizochalin Inhibits EGF-Induced Transformation of JB6 P <sup>+</sup> Cl41 Cells. <i>Lipids</i> , 2009, 44, 777-785.	1.7	30
22	Urupocidin A: A New, Inducing iNOS Expression Bicyclic Guanidine Alkaloid from the Marine Sponge <i>Monanchora pulchra</i> . <i>Organic Letters</i> , 2014, 16, 4292-4295.	4.6	30
23	Pulchranin A, isolated from the Far-Eastern marine sponge, <i>Monanchora pulchra</i> : the first marine non-peptide inhibitor of TRPV-1 channels. <i>Tetrahedron Letters</i> , 2013, 54, 1247-1250.	1.4	28
24	Rhizochalin A, a Novel Two-Headed Sphingolipid from the Sponge <i>Rhizochalina incrustata</i> . <i>Journal of Natural Products</i> , 2005, 68, 255-257.	3.0	27
25	6-Bromohypaphorine from Marine Nudibranch Mollusk <i>Hermisenda crassicornis</i> is an Agonist of Human $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>Marine Drugs</i> , 2015, 13, 1255-1266.	4.6	25
26	Marine Natural Products Acting on the Acetylcholine-Binding Protein and Nicotinic Receptors: From Computer Modeling to Binding Studies and Electrophysiology. <i>Marine Drugs</i> , 2014, 12, 1859-1875.	4.6	24
27	Pyridine Nucleosides Neopetrosides A and B from a Marine <i>Neopetrosia</i> sp. Sponge. Synthesis of Neopetroside A and Its $\beta$ -Riboside Analogue. <i>Journal of Natural Products</i> , 2015, 78, 1383-1389.	3.0	24
28	Monanchomycalin C, a new pentacyclic guanidine alkaloid from the far-eastern marine sponge <i>Monanchora pulchra</i> . <i>Natural Product Communications</i> , 2013, 8, 1399-402.	0.5	23
29	Aglycon of Rhizochalin from the <i>Rhizochalina incrustata</i> Induces Apoptosis via Activation of AMP-Activated Protein Kinase in HT-29 Colon Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1553-1558.	1.4	21
30	New Sesterterpene Sulfates from the Sponge <i>Darwinella australensis</i> . <i>Journal of Natural Products</i> , 2003, 66, 1010-1012.	3.0	20
31	Sterols and related metabolites from five species of sponges. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 439-446.	1.3	20
32	Marine Cyclic Guanidine Alkaloids Monanchomycalin B and Urupocidin A Act as Inhibitors of TRPV1, TRPV2 and TRPV3, but not TRPA1 Receptors. <i>Marine Drugs</i> , 2017, 15, 87.	4.6	20
33	Annasterol sulfate, a novel marine sulfated steroid, inhibitor of glucanase activity from the deep water sponge <i>Poecillastra laminaris</i> . <i>Tetrahedron Letters</i> , 1995, 36, 129-132.	1.4	19
34	Inhibiting effect of cytotoxic bromine-containing compounds from sponges (Aplysinidae) on Na <sup>+</sup> -K <sup>+</sup> -ATPase activity. <i>Toxicol</i> , 1982, 20, 1092-1094.	1.6	18
35	New polar steroids from the sponges <i>Trachyopsis halichondroides</i> and <i>Cymbastela coralliophila</i> . <i>Steroids</i> , 1995, 60, 316-320.	1.8	18
36	Urupocidin C: a new marine guanidine alkaloid which selectively kills prostate cancer cells via mitochondria targeting. <i>Scientific Reports</i> , 2020, 10, 9764.	3.3	18

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37	Anti-migratory activity of marine alkaloid monanchocidin A – proteomics-based discovery and confirmation. <i>Proteomics</i> , 2016, 16, 1590-1603.	2.2	17
38	Two New Diterpenoids, Sarcophytins B and C, from the Indian Ocean Soft Coral Sarcophyton Species. <i>Journal of Natural Products</i> , 2000, 63, 109-111.	3.0	16
39	Marine compound rhizochalinin shows high <i>in vitro</i> and <i>in vivo</i> efficacy in castration resistant prostate cancer. <i>Oncotarget</i> , 2016, 7, 69703-69717.	1.8	16
40	Monanchomycalin C, a New Pentacyclic Guanidine Alkaloid from the Far-Eastern Marine Sponge <i>Monanchora Pulchra</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.5	15
41	Lissodendoric Acids A and B, Manzamine-Related Alkaloids from the Far Eastern Sponge <i>Lissodendoryx florida</i> . <i>Organic Letters</i> , 2017, 19, 5320-5323.	4.6	15
42	Cyclobutastellettolides A and B, C <sup>19</sup> Nortriterpenoids from a <i>Stelletta</i> sp. Marine Sponge. <i>Journal of Natural Products</i> , 2019, 82, 3196-3200.	3.0	15
43	Synthesis and anticancer activity of the derivatives of marine compound rhizochalin in castration resistant prostate cancer. <i>Oncotarget</i> , 2018, 9, 16962-16973.	1.8	15
44	Normonanchocidins A, B and D, New Pentacyclic Guanidine Alkaloids from the Far-Eastern Marine Sponge <i>Monanchora pulchra</i> . <i>Natural Product Communications</i> , 2015, 10, 913-6.	0.5	15
45	Natural Products from Lake Baikal Organisms, I. Baikalosterol, a Novel Steroid with an Unusual Side Chain, and Other Metabolites from the Sponge <i>Baicalospongia bacilifera</i> . <i>Journal of Natural Products</i> , 1991, 54, 953-958.	3.0	14
46	Differential Induction of Apoptosis of Leukemic Cells by Rhizochalin, Two Headed Sphingolipids from Sponge and Its Derivatives. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 955-962.	1.4	14
47	Monanchoxymycalin C with anticancer properties, new analogue of crambescidin 800 from the marine sponge <i>Monanchora pulchra</i> . <i>Natural Product Research</i> , 2019, 33, 1415-1422.	1.8	14
48	A new norriterpenoid from the deep-sea sponge <i>Sarcotragus spinulosus</i> . <i>Russian Chemical Bulletin</i> , 1998, 47, 2017-2019.	1.5	13
49	New two-headed sphingolipid-like compounds from the marine sponge <i>Oceanapia</i> sp.. <i>Russian Chemical Bulletin</i> , 2008, 57, 669-673.	1.5	13
50	Pulchranins B and C, new acyclic guanidine alkaloids from the Far-Eastern marine sponge <i>Monanchora pulchra</i> . <i>Natural Product Communications</i> , 2013, 8, 1229-32.	0.5	13
51	Isorhizochalin: a Minor Unprecedented Bipolar Sphingolipid of Stereodivergent Biogenesis from the <i>Rhizochalina incrustata</i> . <i>Lipids</i> , 2009, 44, 1155-62.	1.7	12
52	Three New Aaptamines from the Marine Sponge <i>Aaptos</i> sp. and Their Proapoptotic Properties. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000501.	0.5	12
53	Gracilosulfates A–G, Monosulfated Polyoxygenated Steroids from the Marine Sponge <i>Haliclona gracilis</i> . <i>Marine Drugs</i> , 2020, 18, 454.	4.6	12
54	Guitarrins A–E and Aluminumguitarrin A: 5-Azaindoles from the Northwestern Pacific Marine Sponge <i>Guitarra fimbriata</i> . <i>Journal of Natural Products</i> , 2019, 82, 1704-1709.	3.0	11

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55	Marine alkaloid monanchoxymycalin C: a new specific activator of JNK1/2 kinase with anticancer properties. <i>Scientific Reports</i> , 2020, 10, 13178.	3.3	10
56	New cerebrosides from the marine sponge <i>Oceanapia</i> sp.. <i>Russian Chemical Bulletin</i> , 2006, 55, 928-933.	1.5	9
57	Pulchransins B and C, New Acyclic Guanidine Alkaloids from the Far-Eastern Marine Sponge <i>Monanchora Pulchra</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	9
58	Melonoside A: An $\alpha$ -Glycosylated Fatty Acid Amide from the Far Eastern Marine Sponge <i>Melonanchora kobjakovae</i> . <i>Organic Letters</i> , 2016, 18, 3478-3481.	4.6	9
59	New Trisulfated Steroids from the Vietnamese Marine Sponge <i>Halichondria vansoesti</i> and Their PSA Expression and Glucose Uptake Inhibitory Activities. <i>Marine Drugs</i> , 2019, 17, 445.	4.6	9
60	Effect of Pentacyclic Guanidine Alkaloids from the Sponge <i>Monanchora pulchra</i> on Activity of $\beta$ -Glycosidases from Marine Bacteria. <i>Marine Drugs</i> , 2019, 17, 22.	4.6	9
61	STRONG ETHANOL SOLVATE OF DISCORHABDIN A ISOLATED FROM THE FAR-EAST SPONGE <i>Latruculia oparinae</i> . <i>Chemistry of Natural Compounds</i> , 2010, 46, 152-153.	0.8	8
62	Proteomic-based investigations on the mode of action of the marine anticancer compound rhizochalinin. <i>Proteomics</i> , 2017, 17, 1700048.	2.2	8
63	Inhibitory characteristics of 3,5-dibromo-1-acetoxy-4-oxo-2,5-cyclohexadien-1-acetonitrile, a semisynthetic derivative of aeroplysinin-1 from sponges ( <i>Aplysinidae</i> ), on Na <sup>+</sup> - K <sup>+</sup> -ATPase. <i>Toxicon</i> , 1984, 22, 441-449.	1.6	7
64	Absolute Configuration of the Cytotoxic Marine Alkaloid Monanchocidin A. <i>Journal of Natural Products</i> , 2018, 81, 1113-1115.	3.0	7
65	Melonoside B and Melonosins A and B, Lipids Containing Multifunctionalized $\alpha$ -Hydroxy Fatty Acid Amides from the Far Eastern Marine Sponge <i>Melonanchora kobjakovae</i> . <i>Journal of Natural Products</i> , 2018, 81, 2763-2767.	3.0	7
66	Oceanalin B, a Hybrid $\alpha$ , $\beta$ -Bifunctionalized Sphingoid Tetrahydroisoquinoline $\beta$ -Glycoside from the Marine Sponge <i>Oceanapia</i> sp.. <i>Marine Drugs</i> , 2021, 19, 635.	4.6	7
67	5 $\beta$ -Ergost-24(28)-ene-3,6-dione "new steroid from the Pacific sponge <i>Geodinella robusta</i> . <i>Natural Product Research</i> , 2006, 20, 1183-1186.	1.8	6
68	New ceramides from sea sponge <i>Oceanapia</i> sp.. <i>Russian Journal of Bioorganic Chemistry</i> , 2006, 32, 288-294.	1.0	6
69	Diosphenol from the ascidian <i>Diplosoma</i> sp.. <i>Chemistry of Natural Compounds</i> , 2008, 44, 372-373.	0.8	6
70	Sterols from the toxin-containing far-east sponge <i>Monanchora pulchra</i> . <i>Chemistry of Natural Compounds</i> , 2012, 47, 1025-1027.	0.8	6
71	Normonanchocidins A, B and D, New Pentacyclic Guanidine Alkaloids from the Far-Eastern Marine Sponge <i>Monanchora pulchra</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	6
72	Cytotoxic and cancer preventive activity of benzotrithioles and benzotrithiole oxides, synthetic analogues of varacins. <i>Medicinal Chemistry Research</i> , 2017, 26, 397-404.	2.4	6

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73	Leptogorgins Aâ€“C, Humulane Sesquiterpenoids from the Vietnamese Gorgonian <i>Leptogorgia</i> sp.. <i>Marine Drugs</i> , 2020, 18, 310.	4.6	6
74	X-Ray Analysis of Two Steroids from Sponges of Family Halichondriidae: Sokotrasterol and 24,24,26,26-Tetramethylcholesta-5,22(E),25(27)-trien-3Î²-ol Acetate. <i>Journal of Natural Products</i> , 1992, 55, 232-236.	3.0	5
75	Rhizochalinin A, a new antileukemic two-headed sphingolipid from the sponge <i>Rhizochalina incrustata</i> . <i>Chemistry of Natural Compounds</i> , 2007, 43, 468-469.	0.8	5
76	Ca <sup>2+</sup> , Mg <sup>2+</sup> -dependent DNase Involvement in Apoptotic Effects in Spermatozoa of Sea Urchin <i>Strongylocentrotus intermedius</i> Induced by Two-Headed Sphingolipid Rhizochalin. <i>Marine Biotechnology</i> , 2011, 13, 536-543.	2.4	5
77	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
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	Normonanchocidins G and H, New Pentacyclic Guanidine Alkaloids from the Far-Eastern Marine Sponge <i>Monanchora pulchra</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	3
80	The Effect of Pentacyclic Guanidine Alkaloids from the Marine Sponge <i>Monanchora pulchra</i> Lambe, 1894 on the Activity of Natural Î²-1,3-D-glucanase from the Marine Fungus <i>Chaetomium indicum</i> Corda, 1840 and the Marine Bivalve Mollusk <i>Spisula sachalinensis</i> , Schrenck, 1861. <i>Russian Journal of Marine Biology</i> , 2018, 44, 127-134.	0.6	3
81	Marine Bacterium <i>Vibrio</i> sp. CB1-14 Produces Guanidine Alkaloid 6-epi-Monanchorin, Previously Isolated from Marine Polychaete and Sponges. <i>Marine Drugs</i> , 2019, 17, 213.	4.6	3
82	New Derivatives of Natural Acyclic Guanidine Alkaloids with TRPV Receptor-Regulating Properties. <i>Natural Product Communications</i> , 2015, 10, 1171-3.	0.5	3
83	Determination of Absolute Stereochemistry of Natural Alicyclic Glycosides by 1H NMR Spectroscopy without Application of Chiral Reagents â€“ An Indication. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.5	2
84	New Derivatives of Natural Acyclic Guanidine Alkaloids with TRPV Receptor-Regulating Properties. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	2
85	Inhibitory Activity on TRP Receptors of Pentacyclic Alkaloids from the Fungus <i>Haliclona</i> ( <i>Gellius</i> ) sp.. <i>Chemistry of Natural Compounds</i> , 2015, 51, 194-196.	0.8	2
86	Absolute Configuration and Body Part Distribution of the Alkaloid 6- <i>epi</i> -Monanchorin from the Marine Polychaete <i>Chaetopterus variopedatus</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	2
87	Absolute Configuration and Body Part Distribution of the Alkaloid 6- <i>epi</i> -Monanchorin from the Marine Polychaete <i>Chaetopterus variopedatus</i> . <i>Natural Product Communications</i> , 2016, 11, 1253-1257.	0.5	2
88	Toporosides A and B, Cyclopentenyl-Containing Î±-Glycosylated Fatty Acid Amides, and Toporosides C and D from the Northwestern Pacific Marine Sponge <i>Stelodoryx toporoki</i> . <i>Journal of Natural Products</i> , 2022, 85, 1186-1191.	3.0	2
89	New Meroterpenoids from the Marine Sponge <i>Aka coralliphaga</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	1
90	Isolation of Agelasin B from the Marine Fungus <i>Agelas</i> cf. <i>mauritiana</i> . <i>Chemistry of Natural Compounds</i> , 2015, 51, 189-191.	0.8	1

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91	Gramine-derived Bromo-alkaloids Activating NF- $\kappa$ B-dependent Transcription from the Marine Hydroid <i>Abietinaria abietina</i> . Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	1
92	Monanchoxymycalins A and B, New Hybrid Pentacyclic Guanidine Alkaloids from the Far-Eastern Marine Sponge <i>Monanchora pulchra</i> . Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	1
93	8-Oxoadenine, 9-Methyl-8-Oxoadenine, and Trihydroxylated Sterols from a Far Eastern Thorectidae Sponge. Natural Product Communications, 2006, 1, 1934578X0600100.	0.5	0
94	17. Novel Marine Compounds in Studies of Nicotinic Acetylcholine Receptors. Toxicon, 2012, 60, 104.	1.6	0