

Sergey N. Fedorov

List of Publications by Year in descending order

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257450

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all docs

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docs citations

59
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer and Cancer Preventive Properties of Marine Polysaccharides: Some Results and Prospects. <i>Marine Drugs</i> , 2013, 11, 4876-4901.	4.6	142
2	Indole Alkaloids Produced by a Marine Fungus Isolate of <i>Penicillium janthinellum</i> Biourge. <i>Journal of Natural Products</i> , 2007, 70, 906-909.	3.0	76
3	The anticancer effects of actinoporin RTX-A from the sea anemone <i>Heteractis crispa</i> (= <i>Radianthus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 1.6 61	1.6	61
4	Marine alkaloid Monanchocidin a overcomes drug resistance by induction of autophagy and lysosomal membrane permeabilization. <i>Oncotarget</i> , 2015, 6, 17328-17341.	1.8	61
5	The marine triterpene glycoside frondoside A exhibits activity <i>in vitro</i> and <i>in vivo</i> in prostate cancer. <i>International Journal of Cancer</i> , 2016, 138, 2450-2465.	5.1	60
6	Differential effects of triterpene glycosides, frondoside A and cucumarioside A ₂ isolated from sea cucumbers on caspase activation and apoptosis of human leukemia cells. <i>FEBS Letters</i> , 2009, 583, 697-702.	2.8	59
7	Constituents of the Sea Cucumber <i>Cucumaria okhotensis</i> . Structures of Okhotosides B ₁ and B ₃ and Cytotoxic Activities of Some Glycosides from this Species. <i>Journal of Natural Products</i> , 2008, 71, 351-356.	3.0	57
8	Proteomic Profiling of Germ Cell Cancer Cells Treated with Aaptamine, a Marine Alkaloid with Antiproliferative Activity. <i>Journal of Proteome Research</i> , 2012, 11, 2316-2330.	3.7	51
9	Guanidine Alkaloids from the Marine Sponge <i>Monanchora pulchra</i> Show Cytotoxic Properties and Prevent EGF-Induced Neoplastic Transformation <i>In Vitro</i> . <i>Marine Drugs</i> , 2016, 14, 133.	4.6	48
10	Marine Low Molecular Weight Natural Products as Potential Cancer Preventive Compounds. <i>Marine Drugs</i> , 2014, 12, 636-671.	4.6	44
11	Synaptosides A and A ₁ , Triterpene Glycosides from the Sea Cucumber <i>Synapta maculata</i> Containing 3-O-Methylglucuronic Acid and Their Cytotoxic Activity against Tumor Cells. <i>Journal of Natural Products</i> , 2008, 71, 525-531.	3.0	43
12	Activity of aaptamine and two derivatives, demethyloxyaaptamine and iso-aaptamine, in cisplatin-resistant germ cell cancer. <i>Journal of Proteomics</i> , 2014, 96, 223-239.	2.4	43
13	Aplydactone, a New Sesquiterpenoid with an Unprecedented Carbon Skeleton from the Sea Hare <i>Aplysia dactylomela</i> , and Its Cargill-Like Rearrangement. <i>Journal of the American Chemical Society</i> , 2001, 123, 504-505.	13.7	41
14	Evaluation of Cancer-Preventive Activity and Structure-Activity Relationships of 3-Demethylubiquinone Q2, Isolated from the Ascidian <i>Aplidium glabrum</i> , and its Synthetic Analogs. <i>Pharmaceutical Research</i> , 2006, 23, 70-81.	3.5	41
15	Mycalamide A Shows Cytotoxic Properties and Prevents EGF-Induced Neoplastic Transformation through Inhibition of Nuclear Factors. <i>Marine Drugs</i> , 2012, 10, 1212-1224.	4.6	40
16	Dactylone Inhibits Epidermal Growth Factor-Induced Transformation and Phenotype Expression of Human Cancer Cells and Induces G1-S Arrest and Apoptosis. <i>Cancer Research</i> , 2007, 67, 5914-5920.	0.9	39
17	Aaptamines from the Marine Sponge <i>Aaptos</i> sp. Display Anticancer Activities in Human Cancer Cell Lines and Modulate AP-1, NF- κ B, and p53-Dependent Transcriptional Activity in Mouse JB6 Cl41 Cells. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	39
18	The first syntheses of 3-bromofascaplysin, 10-bromofascaplysin and 3,10-dibromofascaplysin marine alkaloids from <i>Fascaplysinopsis reticulata</i> and <i>Didemnum</i> sp. by application of a simple and effective approach to the pyrido[1,2-a:3,4-b]diindole system. <i>Tetrahedron Letters</i> , 2007, 48, 7998-8000.	1.4	38

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19	Quinone-carbohydrate nonglucoside conjugates as a new type of cytotoxic agents: Synthesis and determination of <i>in vitro</i> activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 139-144.	5.5	31
20	Marine Two-Headed Sphingolipid-Like Compound Rhizochalin Inhibits EGF-Induced Transformation of JB6 P ⁺ Cl41 Cells. <i>Lipids</i> , 2009, 44, 777-785.	1.7	30
21	Marine Alkaloid Polycarpine and Its Synthetic Derivative Dimethylpolycarpine Induce Apoptosis in JB6 Cells Through p53- and Caspase 3-Dependent Pathways. <i>Pharmaceutical Research</i> , 2004, 21, 2307-2319.	3.5	28
22	The anticancer activity of 3- and 10-bromofascaplysin is mediated by caspase-8, -9, -3-dependent apoptosis. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3834-3840.	3.0	28
23	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
24	Pyridine Nucleosides Neopetrosides A and B from a Marine <i>Neopetrosia</i> sp. Sponge. Synthesis of Neopetroside A and Its β -Riboside Analogue. <i>Journal of Natural Products</i> , 2015, 78, 1383-1389.	3.0	24
25	Structures and absolute stereochemistry of nipponallene and neonipponallene, new brominated allenes from the red alga <i>Laurencia nipponica</i> . <i>Tetrahedron Letters</i> , 2006, 47, 6549-6552.	1.4	23
26	Structure and absolute configuration of a new rearranged chamigrane-type sesquiterpenoid from the sea hare <i>Aplysia</i> sp.. <i>Tetrahedron Letters</i> , 2000, 41, 1979-1982.	1.4	22
27	Desmethylubiquinone Q2 from the Far-Eastern ascidian <i>Aplidium glabrum</i> : structure and synthesis. <i>Tetrahedron Letters</i> , 2005, 46, 559-562.	1.4	22
28	Diterpenes from the Far-eastern brown alga <i>Dictyota dichotoma</i> . <i>Phytochemistry</i> , 2006, 67, 2115-2119.	2.9	21
29	Three new aaptamines from the marine sponge <i>Aaptos</i> sp. and their proapoptotic properties. <i>Natural Product Communications</i> , 2010, 5, 1881-4.	0.5	21
30	Aaptamine alkaloids from the Vietnamese sponge <i>Aaptos</i> sp. <i>Natural Product Communications</i> , 2009, 4, 1085-8.	0.5	20
31	Sulfated Steroids from Pacific Brittle Stars <i>Ophiopholis aculeata</i> , <i>Ophiura sarsi</i> , and <i>Stegophiura brachiactis</i> . <i>Journal of Natural Products</i> , 1994, 57, 1631-1637.	3.0	19
32	Four new chamigrane sesquiterpenoids from the opisthobranch mollusk <i>Aplysia dactylomela</i> . <i>Russian Chemical Bulletin</i> , 2007, 56, 2109-2114.	1.5	18
33	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
34	Anti-migratory activity of marine alkaloid monanchocidin A - proteomics-based discovery and confirmation. <i>Proteomics</i> , 2016, 16, 1590-1603.	2.2	17
35	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
36	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

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37	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
38	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
39	Cancer-preventive activities of secondary metabolites from leaves of the bilberry <i>Vaccinium smallii</i> A. Gray. <i>Phytotherapy Research</i> , 2010, 24, 1730-1732.	5.8	11
40	Guitarrins A 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
41	Aaptamine Alkaloids from the Vietnamese Sponge <i>Aaptos</i> sp. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	10
42	Title is missing!. <i>Russian Chemical Bulletin</i> , 2003, 52, 1022-1026.	1.5	7
43	Melonoside B and Melonosins A and B, Lipids Containing Multifunctionalized ω -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
44	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
45	Influence of polyhydroxysteroids on $[Ca^{2+}]_i$. <i>Steroids</i> , 2002, 67, 695-701.	1.8	5
46	In vitro Anticancer Activities of Some Triterpene Glycosides from Holothurians of Cucumariidae, Stichopodidae, Psolidae, Holothuriidae and Synaptidae families. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	4
47	Proapoptotic and Anticarcinogenic Activities of Leviusculoside G from the Starfish <i>Henricia leviuscula</i> and Probable Molecular Mechanism. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.5	3
48	The Extracts of Some Marine Invertebrates and Algae Collected off the Coast Waters of Vietnam Induce the Inhibitory Effects on the Activator Protein-1 Transcriptional Activity in JB6 Cl41 Cells. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	3
49	Kolgaosides A and B, Two New Triterpene Glycosides from the Arctic Deep Water Sea Cucumber <i>Kolga hyalina</i> (Elasipodida: Elpidiidae). <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	3
50	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
51	C11 cyclopentenone from the ascidian <i>Diplosoma</i> sp. prevents epidermal growth factor-induced transformation of JB6 cells. <i>Drugs and Therapy Studies</i> , 2012, 2, 4.	0.6	2
52	Steroid Sulfates from Ophiuroids (Brittle Stars): Action on Some Factors of Innate and Adaptive Immunity. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	2
53	Structure-activity Relationship Studies of New Marine Anticancer Agents and their Synthetic Analogues. <i>Current Medicinal Chemistry</i> , 2018, 24, 4779-4799.	2.4	2
54	Toporosides A and B, Cyclopentenyl-Containing ω -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

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55	New Meroterpenoids from the Marine Sponge <i>Aka coralliphaga</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	1
56	Gramine-derived Bromo-alkaloids Activating NF- κ B-dependent Transcription from the Marine Hydroid <i>Abietinaria abietina</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	1