

# Sergey A Dyshlovoy

## List of Publications by Year in descending order

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97  
papers

3,305  
citations

236925

25  
h-index

175258

52  
g-index

100  
all docs

100  
docs citations

100  
times ranked

4031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Monanchocidin: A New Apoptosis-Inducing Polycyclic Guanidine Alkaloid from the Marine Sponge <i>Monanchora pulchra</i> . Organic Letters, 2010, 12, 4292-4295.	4.6	81
3	The anticancer effects of actinoporin RTX-A from the sea anemone <i>Heteractis crispa</i> (=Radianthus) Tj ETQq1 1 0.784314 rgBT /Overlock 61	1.6	61
4	Marine alkaloid Monanchocidin a overcomes drug resistance by induction of autophagy and lysosomal membrane permeabilization. Oncotarget, 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. International Journal of Cancer, 2016, 138, 2450-2465.	5.1	60
6	Proteomic Profiling of Germ Cell Cancer Cells Treated with Aaptamine, a Marine Alkaloid with Antiproliferative Activity. Journal of Proteome Research, 2012, 11, 2316-2330.	3.7	51
7	5-Azacididine Exerts Prolonged Pro-Apoptotic Effects and Overcomes Cisplatin-Resistance in Non-Seminomatous Germ Cell Tumor Cells. International Journal of Molecular Sciences, 2019, 20, 21.	4.1	49
8	Guanidine Alkaloids from the Marine Sponge <i>Monanchora pulchra</i> Show Cytotoxic Properties and Prevent EGF-Induced Neoplastic Transformation <i>In Vitro</i> . Marine Drugs, 2016, 14, 133.	4.6	48
9	Meroterpenoids from the Alga-Derived Fungi <i>Penicillium thomii</i> Maire and <i>Penicillium lividum</i> Westling. Journal of Natural Products, 2014, 77, 1390-1395.	3.0	44
10	Activity of aaptamine and two derivatives, demethyloxyaaptamine and iso-aaptamine, in cisplatin-resistant germ cell cancer. Journal of Proteomics, 2014, 96, 223-239.	2.4	43
11	Marine Compounds and Cancer: 2017 Updates. Marine Drugs, 2018, 16, 41.	4.6	43
12	The marine triterpene glycoside frondoside A induces p53-independent apoptosis and inhibits autophagy in urothelial carcinoma cells. BMC Cancer, 2017, 17, 93.	2.6	42
13	Pretrichodermamides F from a Marine Algicolous Fungus <i>Penicillium</i> sp. KMM 4672. Marine Drugs, 2016, 14, 122.	4.6	41
14	Asperindoles D and a p-Terphenyl Derivative from the Ascidian-Derived Fungus <i>Aspergillus</i> sp. KMM 4676. Marine Drugs, 2018, 16, 232.	4.6	41
15	Marine Compounds and Cancer: The First Two Decades of XXI Century. Marine Drugs, 2020, 18, 20.	4.6	41
16	Mycalamide A Shows Cytotoxic Properties and Prevents EGF-Induced Neoplastic Transformation through Inhibition of Nuclear Factors. Marine Drugs, 2012, 10, 1212-1224.	4.6	40
17	Aaptamines from the Marine Sponge <i>Aaptos</i> sp. Display Anticancer Activities in Human Cancer Cell Lines and Modulate AP-1, NF- $\kappa$ B, and p53-Dependent Transcriptional Activity in Mouse JB6 Cl41 Cells. BioMed Research International, 2014, 2014, 1-7.	1.9	39
18	Oxirapentyns K from the Marine-Sediment-Derived Fungus <i>Isaria felina</i> KMM 4639. Journal of Natural Products, 2014, 77, 1321-1328.	3.0	39

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19	Marine Compounds and Cancer: Where Do We Stand?. <i>Marine Drugs</i> , 2015, 13, 5657-5665.	4.6	37
20	Prenylated indole alkaloids from co-culture of marine-derived fungi <i>Aspergillus sulphureus</i> and <i>Isaria felina</i> . <i>Journal of Antibiotics</i> , 2018, 71, 846-853.	2.0	36
21	Successful Targeting of the Warburg Effect in Prostate Cancer by Glucose-Conjugated 1,4-Naphthoquinones. <i>Cancers</i> , 2019, 11, 1690.	3.7	34
22	Quinone-carbohydrate nonglycoside 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
23	Bromine-containing alkaloids from the marine sponge <i>Penares</i> sp.. <i>Tetrahedron Letters</i> , 2012, 53, 6119-6122.	1.4	30
24	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
25	Marine Compounds and Cancer: Updates 2020. <i>Marine Drugs</i> , 2020, 18, 643.	4.6	27
26	Tumor Protein (TP)-p53 Members as Regulators of Autophagy in Tumor Cells upon Marine Drug Exposure. <i>Marine Drugs</i> , 2016, 14, 154.	4.6	26
27	Fronodoside A induces AIF-associated caspase-independent apoptosis in Burkitt lymphoma cells. <i>Leukemia and Lymphoma</i> , 2017, 58, 2905-2915.	1.3	26
28	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
29	Development and Characterization of a Spontaneously Metastatic Patient-Derived Xenograft Model of Human Prostate Cancer. <i>Scientific Reports</i> , 2018, 8, 17535.	3.3	23
30	Inspired by Sea Urchins: Warburg Effect Mediated Selectivity of Novel Synthetic Non-Glycoside 1,4-Naphthoquinone-6S-Glucose Conjugates in Prostate Cancer. <i>Marine Drugs</i> , 2020, 18, 251.	4.6	23
31	Polyphenolic Compounds from <i>Lespedeza Bicolor</i> Root Bark Inhibit Progression of Human Prostate Cancer Cells via Induction of Apoptosis and Cell Cycle Arrest. <i>Biomolecules</i> , 2020, 10, 451.	4.0	23
32	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
33	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
34	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
35	Sargassopenillines A-G, 6,6-Spiroketal from the Alga-Derived Fungi <i>Penicillium thomii</i> and <i>Penicillium lividum</i> . <i>Marine Drugs</i> , 2014, 12, 5930-5943.	4.6	20
36	Biologically Active Metabolites from the Marine Sediment-Derived Fungus <i>Aspergillus flocculosus</i> . <i>Marine Drugs</i> , 2019, 17, 579.	4.6	20

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37	Aptamine alkaloids from the Vietnamese sponge <i>Aptos</i> sp. <i>Natural Product Communications</i> , 2009, 4, 1085-8.	0.5	20
38	Total Syntheses and Preliminary Biological Evaluation of Brominated Fascaplysin and Reticulatine Alkaloids and Their Analogues. <i>Marine Drugs</i> , 2019, 17, 496.	4.6	19
39	Pallidopenillines: Polyketides from the Alga-Derived Fungus <i>Penicillium thomii</i> Maire KMM 4675. <i>Journal of Natural Products</i> , 2016, 79, 3031-3038.	3.0	18
40	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
41	Anti-migratory activity of marine alkaloid monanchocidin A – proteomics-based discovery and confirmation. <i>Proteomics</i> , 2016, 16, 1590-1603.	2.2	17
42	Unique prostate cancer-toxic polyketides from marine sediment-derived fungus <i>Isaria felina</i> . <i>Journal of Antibiotics</i> , 2017, 70, 856-858.	2.0	17
43	New Deoxyisoaustamide Derivatives from the Coral-Derived Fungus <i>Penicillium dimorphosporum</i> KMM 4689. <i>Marine Drugs</i> , 2021, 19, 32.	4.6	17
44	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
45	Isolation, Structures, and Biological Activities of Triterpenoids from a <i>Penares</i> sp. Marine Sponge. <i>Journal of Natural Products</i> , 2013, 76, 1746-1752.	3.0	15
46	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
47	Metabolites of the Marine Fungus <i>Aspergillus candidus</i> KMM 4676 Associated with a Kuril Colonial Ascidian. <i>Chemistry of Natural Compounds</i> , 2017, 53, 747-749.	0.8	15
48	Recent Updates on Marine Cancer-Preventive Compounds. <i>Marine Drugs</i> , 2021, 19, 558.	4.6	15
49	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
50	Arrested in Glass: Actin within Sophisticated Architectures of Biosilica in Sponges. <i>Advanced Science</i> , 2022, 9, e2105059.	11.2	15
51	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
52	Citriperazines A-D produced by a marine algae-derived fungus <i>Penicillium</i> sp. KMM 4672. <i>Natural Product Research</i> , 2020, 34, 1118-1123.	1.8	14
53	Efficacy and Mechanism of Action of Marine Alkaloid 3,10-Dibromofascaplysin in Drug-Resistant Prostate Cancer Cells. <i>Marine Drugs</i> , 2020, 18, 609.	4.6	14
54	Diterpenoid Hydroperoxides from the Far-Eastern Brown Alga <i>Dictyota dichotoma</i> . <i>Australian Journal of Chemistry</i> , 2009, 62, 1185.	0.9	13

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55	Zosteropenillines: Polyketides from the Marine-Derived Fungus <i>Penicillium thomii</i> . <i>Marine Drugs</i> , 2017, 15, 46.	4.6	13
56	Piltunines A–F from the Marine-Derived Fungus <i>Penicillium piltunense</i> KMM 4668. <i>Marine Drugs</i> , 2019, 17, 647.	4.6	13
57	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
58	Auroglaucin-related neuroprotective compounds from Vietnamese marine sediment-derived fungus <i>Aspergillus niveoglaucus</i> . <i>Natural Product Research</i> , 2020, 34, 2589-2594.	1.8	12
59	Gracilosulfates A–G, Monosulfated Polyoxygenated Steroids from the Marine Sponge <i>Haliclona gracilis</i> . <i>Marine Drugs</i> , 2020, 18, 454.	4.6	12
60	Extreme biomineralization: the case of the hypermineralized ear bone of gray whale ( <i>Eschrichtius</i> ) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	2.3	12
61	Biochemical and Genomic Characterization of the Cypermethrin-Degrading and Biosurfactant-Producing Bacterial Strains Isolated from Marine Sediments of the Chilean Northern Patagonia. <i>Marine Drugs</i> , 2020, 18, 252.	4.6	12
62	Biologically Active Echinulin-Related Indolediketopiperazines from the Marine Sediment-Derived Fungus <i>Aspergillus niveoglaucus</i> . <i>Molecules</i> , 2020, 25, 61.	3.8	11
63	Immunotherapy in Advanced Prostate Cancer—Light at the End of the Tunnel?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2569.	4.1	11
64	Aaptamine Alkaloids from the Vietnamese Sponge <i>Aaptos</i> sp. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	10
65	Cabazitaxel overcomes cisplatin resistance in germ cell tumour cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 1979-1994.	2.5	10
66	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
67	A New Antimicrobial and Anticancer Peptide Producing by the Marine Deep Sediment Strain <i>Paenibacillus profundus</i> sp. nov. Sl 79. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	9
68	Melonoside A: An $\beta$ -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
69	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
70	A new antimicrobial and anticancer peptide producing by the marine deep sediment strain "Paenibacillus profundus" sp. nov. Sl 79. <i>Natural Product Communications</i> , 2013, 8, 381-4.	0.5	9
71	Study of Structure–Activity Relationships of the Marine Alkaloid Fascaplysin and Its Derivatives as Potent Anticancer Agents. <i>Marine Drugs</i> , 2022, 20, 185.	4.6	9
72	Proteomic-based investigations on the mode of action of the marine anticancer compound rhizochalinin. <i>Proteomics</i> , 2017, 17, 1700048.	2.2	8

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73	Blue-Print Autophagy in 2020: A Critical Review. <i>Marine Drugs</i> , 2020, 18, 482.	4.6	8
74	Sea Anemone <i>Heteractis crispa</i> Actinoporin Demonstrates In Vitro Anticancer Activities and Prevents HT-29 Colorectal Cancer Cell Migration. <i>Molecules</i> , 2020, 25, 5979.	3.8	7
75	Cytotoxic Marine Alkaloid 3,10-Dibromofascaplysin Induces Apoptosis and Synergizes with Cytarabine Resulting in Leukemia Cell Death. <i>Marine Drugs</i> , 2021, 19, 489.	4.6	7
76	Metabolites from the Marine Isolate of the Fungus <i>Aspergillus versicolor</i> KMM 4644. <i>Chemistry of Natural Compounds</i> , 2013, 49, 181-183.	0.8	6
77	Leptogorgins A–C, Humulane Sesquiterpenoids from the Vietnamese Gorgonian <i>Leptogorgia</i> sp.. <i>Marine Drugs</i> , 2020, 18, 310.	4.6	6
78	Naphtho-pyrones from the marine-derived fungus <i>Aspergillus foetidus</i> . <i>Natural Product Research</i> , 2021, 35, 131-134.	1.8	6
79	Activity of New Synthetic (2-Chloroethylthio)-1,4-naphthoquinones in Prostate Cancer Cells. <i>Pharmaceuticals</i> , 2021, 14, 949.	3.8	6
80	New Antibacterial Chloro-Containing Polyketides from the Alga-Derived Fungus <i>Asteromyces cruciatus</i> KMM 4696. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 454.	3.5	6
81	Polyketides metabolites from the marine sediment-derived fungus <i>Thermomyces lanuginosus</i> Tsikl. KMM 4681. <i>Phytochemistry Letters</i> , 2021, 41, 114-118.	1.2	5
82	Spiroketals from Marine Isolates of the Fungi <i>Penicillium thomii</i> KMM 4645 and <i>P. lividum</i> KMM 4663. <i>Chemistry of Natural Compounds</i> , 2014, 50, 1122-1124.	0.8	4
83	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
84	New meroterpenoids from the marine sponge <i>Aka coralliphaga</i> . <i>Natural Product Communications</i> , 2012, 7, 487-90.	0.5	4
85	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
86	Eremophilane-type glucosides from the leaves of <i>Ligularia calthifolia</i> Maxim. <i>Phytochemistry Letters</i> , 2017, 21, 264-268.	1.2	3
87	Marine Compounds and Autophagy: Beginning of a New Era. <i>Marine Drugs</i> , 2018, 16, 260.	4.6	3
88	Marine Drugs Acting as Autophagy Modulators. <i>Marine Drugs</i> , 2020, 18, 53.	4.6	3
89	Absolute Configuration and Body Part Distribution of the Alkaloid 6-epi-Monanchorin from the Marine Polychaete <i>Chaetopterus variopedatus</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	2
90	2(S)-Acetamido-3-Phenylpropylacetate from Marine Isolate of the Fungus <i>Penicillium thomii</i> KMM 4675. <i>Chemistry of Natural Compounds</i> , 2018, 54, 170-172.	0.8	2

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91	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
92	OmpF porin from <i>Yersinia ruckeri</i> as pathogenic factor: Surface antigenic sites and biological properties. <i>Microbial Pathogenesis</i> , 2021, 150, 104694.	2.9	2
93	1-O-Alkylglycerol Ethers from the Marine Sponge <i>Guitarra abbotti</i> and Their Cytotoxic Activity. <i>Marine Drugs</i> , 2022, 20, 409.	4.6	2
94	New Meroterpenoids from the Marine Sponge <i>Aka coralliphaga</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	1
95	Antraquinones of <i>Rubia jesoensis</i> Roots. <i>Chemistry of Natural Compounds</i> , 2014, 50, 349-351.	0.8	1
96	Salvage chemotherapy with cisplatin, ifosfamide, and paclitaxel in metastatic castration-resistant prostate cancer.. <i>Journal of Clinical Oncology</i> , 2021, 39, 123-123.	1.6	1
97	In vitro and in vivo investigations of novel 1,4-naphthoquinone sulphomethylene carbohydrate conjugates in prostate cancer.. <i>Journal of Clinical Oncology</i> , 2021, 39, 104-104.	1.6	0