

Kristina Sepcic

List of Publications by Year in descending order

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138
papers

4,513
citations

87723

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144
docs citations

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times ranked

5670
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#	ARTICLE	IF	CITATIONS
1	Spatial Distribution and Stability of Cholinesterase Inhibitory Protoberberine Alkaloids from <i>Papaver setiferum</i> . <i>Journal of Natural Products</i> , 2022, 85, 215-224.	1.5	6
2	Ceramide Aminoethylphosphonate as a New Molecular Target for Pore-Forming Aegerolysin-Based Protein Complexes. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	6
3	Development of potent cholinesterase inhibitors based on a marine pharmacophore. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5589-5601.	1.5	1
4	Ceramide Phosphoethanolamine as a Possible Marker of Periodontal Disease. <i>Membranes</i> , 2022, 12, 655.	1.4	1
5	Characterization and cytotoxic activity of ribotoxin-like proteins from the edible mushroom <i>Pleurotus eryngii</i> . <i>Food Chemistry</i> , 2022, 396, 133655.	4.2	9
6	Aegerolysins from the fungal genus <i>Pleurotus</i> – Bioinsecticidal proteins with multiple potential applications. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107474.	1.5	17
7	Crystal structure of RahU, an aegerolysin protein from the human pathogen <i>Pseudomonas aeruginosa</i> , and its interaction with membrane ceramide phosphorylethanolamine. <i>Scientific Reports</i> , 2021, 11, 6572.	1.6	6
8	What Can Mushroom Proteins Teach Us about Lipid Rafts?. <i>Membranes</i> , 2021, 11, 264.	1.4	10
9	Effects of Bioinsecticidal Aegerolysin-Based Cytolytic Complexes on Non-Target Organisms. <i>Toxins</i> , 2021, 13, 457.	1.5	7
10	Dissecting Out the Molecular Mechanism of Insecticidal Activity of Ostreolysin A6/Pleurotolysin B Complexes on Western Corn Rootworm. <i>Toxins</i> , 2021, 13, 455.	1.5	11
11	Fine Tuning of Cholinesterase and Glutathione-S-Transferase Activities by Organoruthenium(II) Complexes. <i>Biomedicines</i> , 2021, 9, 1243.	1.4	2
12	Lipid-Binding Aegerolysin from Biocontrol Fungus <i>Beauveria bassiana</i> . <i>Toxins</i> , 2021, 13, 820.	1.5	6
13	Using Virtual AChE Homology Screening to Identify Small Molecules With the Ability to Inhibit Marine Biofouling. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
14	The wide-spectrum antimicrobial effect of novel N-alkyl monoquatary ammonium salts and their mixtures; the QSAR study against bacteria. <i>European Journal of Medicinal Chemistry</i> , 2020, 206, 112584.	2.6	22
15	Structural Isomerism and Enhanced Lipophilicity of Pyridone Ligands of Organoruthenium(II) Complexes Increase Inhibition on AChE and BuChE. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5628.	1.8	9
16	Unconventional Secretion of Nigerolysins A from <i>Aspergillus</i> Species. <i>Microorganisms</i> , 2020, 8, 1973.	1.6	5
17	Structural and functional characterization of an organometallic ruthenium complex as a potential myorelaxant drug. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110161.	2.5	3
18	Wide-Antimicrobial Spectrum of Picolinium Salts. <i>Molecules</i> , 2020, 25, 2254.	1.7	8

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19	The Neurotropic Black Yeast <i>Exophiala dermatitidis</i> Induces Neurocytotoxicity in Neuroblastoma Cells and Progressive Cell Death. <i>Cells</i> , 2020, 9, 963.	1.8	24
20	Prevalence of Antimicrobial Resistance and Hemolytic Phenotypes in Culturable Arctic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 570.	1.5	29
21	Binding specificity of ostreolysin A6 towards Sf9 insect cell lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183307.	1.4	19
22	Functional studies of aegerolysin and MACPF-like proteins in <i>Aspergillus niger</i> . <i>Molecular Microbiology</i> , 2019, 112, 1253-1269.	1.2	10
23	Comparison of lovastatin, citrinin and pigment production of different <i>Monascus purpureus</i> strains grown on rice and millet. <i>Journal of Food Science and Technology</i> , 2019, 56, 3364-3373.	1.4	22
24	Synthesis, Antimicrobial Effect and Lipophilicity-Activity Dependence of Three Series of Dichained N-Alkylammonium Salts. <i>ChemistrySelect</i> , 2019, 4, 12076-12084.	0.7	12
25	Depletion of the cellular cholesterol content reduces the dynamics of desmosomal cadherins and interferes with desmosomal strength. <i>Histochemistry and Cell Biology</i> , 2019, 152, 195-206.	0.8	5
26	Vitellogenin in the European cave salamander, <i>Proteus anguinus</i> : Its characterization and dynamics in a captive female as a basis for non-destructive sex identification. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 235, 30-37.	0.7	3
27	First evidence of cholinesterase-like activity in Basidiomycota. <i>PLoS ONE</i> , 2019, 14, e0216077.	1.1	9
28	Ceramide phosphoethanolamine, an enigmatic cellular membrane sphingolipid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1284-1292.	1.4	55
29	Pore-forming protein complexes from <i>Pleurotus</i> mushrooms kill western corn rootworm and Colorado potato beetle through targeting membrane ceramide phosphoethanolamine. <i>Scientific Reports</i> , 2019, 9, 5073.	1.6	42
30	Natural cholinesterase inhibitors from marine organisms. <i>Natural Product Reports</i> , 2019, 36, 1053-1092.	5.2	66
31	Kinetically Stable Triglyceride-Based Nanodroplets and Their Interactions with Lipid-Specific Proteins. <i>Langmuir</i> , 2018, 34, 8983-8993.	1.6	3
32	Hydrolytic and oxidative enzyme production through cultivation of <i>Pleurotus ostreatus</i> on pulp and paper industry wastes. <i>Holzforschung</i> , 2018, 72, 813-817.	0.9	5
33	Organoruthenium Prodrugs as a New Class of Cholinesterase and Glutathione S-Transferase Inhibitors. <i>ChemMedChem</i> , 2018, 13, 2166-2176.	1.6	23
34	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	3.8	417
35	Feeding Preference and Sub-chronic Effects of ZnO Nanomaterials in Honey Bees (<i>Apis mellifera</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.1	11
36	Discorhabdin alkaloids from Antarctic <i>Latrunculia</i> spp. sponges as a new class of cholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 294-304.	2.6	28

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37	Aegerolysins: Lipid-binding proteins with versatile functions. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 142-151.	2.3	24
38	Comparative lipidomic study of urothelial cancer models: association with urothelial cancer cell invasiveness. <i>Molecular BioSystems</i> , 2016, 12, 3266-3279.	2.9	11
39	Characterisation of plasmalemmal shedding of vesicles induced by the cholesterol/sphingomyelin binding protein, ostreolysin A-mCherry. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2882-2893.	1.4	19
40	Synthetic analogs of stryphnusin isolated from the marine sponge <i>Stryphnus fortis</i> inhibit acetylcholinesterase with no effect on muscle function or neuromuscular transmission. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11220-11229.	1.5	13
41	Screening of the Antarctic marine sponges (Porifera) as a source of bioactive compounds. <i>Polar Biology</i> , 2016, 39, 947-959.	0.5	17
42	Marine AChE inhibitors isolated from <i>Geodia barretti</i> : natural compounds and their synthetic analogs. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1629-1640.	1.5	48
43	Differences in tolerance to anthropogenic stress between invasive and native bivalves. <i>Science of the Total Environment</i> , 2016, 543, 449-459.	3.9	90
44	Highly Selective Anti-Cancer Activity of Cholesterol-Interacting Agents Methyl- β -Cyclodextrin and Ostreolysin A/Pleurotolysin B Protein Complex on Urothelial Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0137878.	1.1	51
45	Fatty acid composition and antioxidant activity of Antarctic marine sponges of the genus <i>Latrunculia</i> . <i>Polar Biology</i> , 2015, 38, 1605-1612.	0.5	6
46	Fungal aegerolysin-like proteins: distribution, activities, and applications. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 601-610.	1.7	26
47	Polymeric alkylpyridinium salts permit intracellular delivery of human Tau in rat hippocampal neurons: requirement of Tau phosphorylation for functional deficits. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4613-4632.	2.4	8
48	Sperm exposure to carbon-based nanomaterials causes abnormalities in early development of purple sea urchin (<i>Paracentrotus lividus</i>). <i>Aquatic Toxicology</i> , 2015, 163, 158-166.	1.9	35
49	High surface adsorption properties of carbon-based nanomaterials are responsible for mortality, swimming inhibition, and biochemical responses in <i>Artemia salina</i> larvae. <i>Aquatic Toxicology</i> , 2015, 163, 121-129.	1.9	83
50	Effect of the ostreolysin A/pleurotolysin B pore-forming complex on intracellular Ca ²⁺ activity in the vascular smooth muscle cell line A10. <i>Toxicology in Vitro</i> , 2015, 29, 2015-2021.	1.1	9
51	Size fractionation and size characterization of nanoemulsions of lipid droplets and large unilamellar lipid vesicles by asymmetric-flow field-flow fractionation/multi-angle light scattering and dynamic light scattering. <i>Journal of Chromatography A</i> , 2015, 1418, 185-191.	1.8	26
52	Comparative study of serum protein binding to three different carbon-based nanomaterials. <i>Carbon</i> , 2015, 95, 560-572.	5.4	55
53	Neurotoxic potential of ingested ZnO nanomaterials on bees. <i>Chemosphere</i> , 2015, 120, 547-554.	4.2	46
54	New synthetic routes for the preparation of ruthenium-1,10-phenanthroline complexes. Tests of cytotoxic and antibacterial activity of selected ruthenium complexes. <i>Acta Chimica Slovenica</i> , 2015, 62, 337-345.	0.2	9

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55	Targeted Lipid Analysis of Haemolytic Mycelial Extracts of <i>Aspergillus niger</i> . <i>Molecules</i> , 2014, 19, 9051-9069.	1.7	8
56	Tracking Cholesterol/Sphingomyelin-Rich Membrane Domains with the Ostreolysin A-mCherry Protein. <i>PLoS ONE</i> , 2014, 9, e92783.	1.1	72
57	Fungal MACPF-Like Proteins and Aegerolysins: Bi-component Pore-Forming Proteins?. <i>Sub-Cellular Biochemistry</i> , 2014, 80, 271-291.	1.0	24
58	Antifouling Activity of Synthetic Alkylpyridinium Polymers Using the Barnacle Model. <i>Marine Drugs</i> , 2014, 12, 1959-1976.	2.2	21
59	Permeability characteristics of cell membrane pores induced by ostreolysin A/pleurotolysin B, binary pore-forming proteins from the oyster mushroom. <i>FEBS Letters</i> , 2014, 588, 35-40.	1.3	19
60	Effects of selected metal oxide nanoparticles on <i>Artemia salina</i> larvae: evaluation of mortality and behavioural and biochemical responses. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4249-4259.	1.3	83
61	Biological activities of organic extracts of four <i>Aureobasidium pullulans</i> varieties isolated from extreme marine and terrestrial habitats. <i>Natural Product Research</i> , 2014, 28, 874-882.	1.0	7
62	Isolation and Synthesis of Pulmonarins A and B, Acetylcholinesterase Inhibitors from the Colonial Ascidian <i>Synoicum pulmonaria</i> . <i>Journal of Natural Products</i> , 2014, 77, 364-369.	1.5	36
63	Membrane cholesterol and sphingomyelin, and ostreolysin A are obligatory for pore-formation by a MACPF/CDC-like pore-forming protein, pleurotolysin B. <i>Biochimie</i> , 2013, 95, 1855-1864.	1.3	68
64	Effects of nano carbon black and single-layer graphene oxide on settlement, survival and swimming behaviour of <i>Amphibalanus amphitrite</i> larvae. <i>Chemistry and Ecology</i> , 2013, 29, 643-652.	0.6	46
65	Effects of surface curvature and surface characteristics of carbon-based nanomaterials on the adsorption and activity of acetylcholinesterase. <i>Carbon</i> , 2013, 62, 222-232.	5.4	39
66	Effects of synthetic analogues of poly-APS on contractile response of porcine coronary arteries. <i>Toxicology in Vitro</i> , 2013, 27, 627-631.	1.1	1
67	Toxicity of the synthetic polymeric 3-alkylpyridinium salt (APS3) is due to specific block of nicotinic acetylcholine receptors. <i>Toxicology</i> , 2013, 303, 25-33.	2.0	10
68	Long-term starvation in cave salamander effects on liver ultrastructure and energy reserve mobilization. <i>Journal of Morphology</i> , 2013, 274, 887-900.	0.6	16
69	Biological Activities of Ethanolic Extracts from Deep-Sea Antarctic Marine Sponges. <i>Marine Drugs</i> , 2013, 11, 1126-1139.	2.2	29
70	The non-competitive acetylcholinesterase inhibitor APS12-2 is a potent antagonist of skeletal muscle nicotinic acetylcholine receptors. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 221-228.	1.3	8
71	Cardiovascular effects induced by polymeric 3-alkylpyridinium salts from the marine sponge <i>Reniera sarai</i> . <i>Toxicon</i> , 2012, 60, 1041-1048.	0.8	7
72	The role of cholesterol-sphingomyelin membrane nanodomains in the stability of intercellular membrane nanotubes. <i>International Journal of Nanomedicine</i> , 2012, 7, 1891.	3.3	29

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73	Salt induces biosynthesis of hemolytically active compounds in the xerotolerant food-borne fungus <i>Wallemia sebi</i> . <i>FEMS Microbiology Letters</i> , 2012, 326, 40-46.	0.7	11
74	Antifungal and antibacterial activity of 3-alkylpyridinium polymeric analogs of marine toxins. <i>International Biodeterioration and Biodegradation</i> , 2012, 68, 71-77.	1.9	18
75	Binding and permeabilization of lipid bilayers by natural and synthetic 3-alkylpyridinium polymers. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1659-1664.	1.4	11
76	Fatty acid composition of common barbel (<i>Barbus barbus</i>) roe and evaluation of its haemolytic and cytotoxic activities. <i>Toxicon</i> , 2011, 57, 1017-1022.	0.8	15
77	In vivo toxic and lethal cardiovascular effects of a synthetic polymeric 1,3-dodecylpyridinium salt in rodents. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 86-93.	1.3	11
78	New Structural Insights into Saraines A, B, and C, Macrocyclic Alkaloids from the Mediterranean Sponge <i>Reniera (Haliclona) sarai</i> . <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3761-3767.	1.2	25
79	Synthesis, characterization, cytotoxic activity and DNA binding properties of the novel dinuclear cobalt(III) complex with the condensation product of 2-acetylpyridine and malonic acid dihydrazide. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1196-1203.	1.5	97
80	Low Water Activity Induces the Production of Bioactive Metabolites in Halophilic and Halotolerant Fungi. <i>Marine Drugs</i> , 2011, 9, 43-58.	2.2	39
81	Desmosome Assembly and Cell-Cell Adhesion Are Membrane Raft-dependent Processes. <i>Journal of Biological Chemistry</i> , 2011, 286, 1499-1507.	1.6	77
82	Biochemical biomarkers in environmental studies—lessons learnt from enzymes catalase, glutathione S-transferase and cholinesterase in two crustacean species. <i>Environmental Science and Pollution Research</i> , 2010, 17, 571-581.	2.7	127
83	Chemical synthesis and biological activities of 3-alkyl pyridinium polymeric analogues of marine toxins. <i>Journal of Chemical Biology</i> , 2010, 3, 113-125.	2.2	18
84	Parazoanthoxanthin A blocks Torpedo nicotinic acetylcholine receptors. <i>Chemico-Biological Interactions</i> , 2010, 187, 384-387.	1.7	4
85	Biological Activities of Aqueous and Organic Extracts from Tropical Marine Sponges. <i>Marine Drugs</i> , 2010, 8, 1550-1566.	2.2	35
86	EPR and FTIR studies reveal the importance of highly ordered sterol-enriched membrane domains for ostreolysin activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 891-902.	1.4	10
87	Aegerolysins: Structure, function, and putative biological role. <i>Protein Science</i> , 2009, 18, 694-706.	3.1	70
88	Hazardous potential of manufactured nanoparticles identified by in vivo assay. <i>Journal of Hazardous Materials</i> , 2009, 171, 160-165.	6.5	49
89	Liquid-Ordered Phase Formation in Cholesterol/Sphingomyelin Bilayers: All-Atom Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15795-15802.	1.2	46
90	Purification, characterization and cloning of a ricin B-like lectin from mushroom <i>Clitocybe nebularis</i> with antiproliferative activity against human leukemic T cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 173-181.	1.1	98

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91	Ostreolysin induces sustained contraction of porcine coronary arteries and endothelial dysfunction in middle- and large-sized vessels. <i>Toxicol</i> , 2009, 54, 784-792.	0.8	13
92	Effects of ingested nano-sized titanium dioxide on terrestrial isopods (<i>Porcellio scaber</i>). <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1904-1914.	2.2	80
93	Induction of fruiting in oyster mushroom (<i>Pleurotus ostreatus</i>) by polymeric 3-alkylpyridinium salts. <i>Mycological Research</i> , 2008, 112, 1085-1087.	2.5	10
94	Lysophospholipids prevent binding of a cytolytic protein ostreolysin to cholesterol-enriched membrane domains. <i>Toxicol</i> , 2008, 51, 1345-1356.	0.8	35
95	Biochemical biomarkers in chronically metal-stressed daphnids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 61-68.	1.3	37
96	3-Alkylpyridinium and 3-Alkylpyridine Compounds from Marine Sponges, Their Synthesis, Biological Activities and Potential Use. <i>Studies in Natural Products Chemistry</i> , 2008, 35, 355-397.	0.8	20
97	Influence of polymeric 3-alkylpyridinium salts from the marine sponge <i>Reniera sarai</i> on the growth of algae and wood decay fungi. <i>Biofouling</i> , 2008, 24, 137-143.	0.8	23
98	Ostreolysin, a Cytolytic Protein from Culinary-Medicinal Oyster Mushroom <i>Pleurotus ostreatus</i> (Jacq.: Fr.) P. Kumm. (Agaricomycetidae), and Its Potential Use in Medicine and Biotechnology. <i>International Journal of Medicinal Mushrooms</i> , 2008, 10, 293-302.	0.9	3
99	Ostreolysin affects rat aorta ring tension and endothelial cell viability in vitro. <i>Toxicol</i> , 2007, 49, 1211-1213.	0.8	20
100	Reflection of hydrocarbon pollution on hepatic EROD activity in the black goby (<i>Gobius niger</i>). <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 304-310.	2.0	8
101	The applicability of acetylcholinesterase and glutathione S-transferase in <i>Daphnia magna</i> toxicity test. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 144, 303-309.	1.3	66
102	Comparative toxicity of imidacloprid, of its commercial liquid formulation and of diazinon to a non-target arthropod, the microcrustacean <i>Daphnia magna</i> . <i>Chemosphere</i> , 2007, 68, 1408-1418.	4.2	133
103	Effect of ostreolysin, an Asp-hemolysin isoform, on human chondrocytes and osteoblasts, and possible role of Asp-hemolysin in pathogenesis. <i>Medical Mycology</i> , 2007, 45, 123-130.	0.3	20
104	Mechanisms of Toxicity of 3-Alkylpyridinium Polymers from Marine Sponge <i>Reniera sarai</i> . <i>Marine Drugs</i> , 2007, 5, 157-167.	2.2	39
105	A comparative study of the actions of alkylpyridinium salts from a marine sponge and related synthetic compounds in rat cultured hippocampal neurones. <i>BMC Pharmacology</i> , 2007, 7, 1.	0.4	16
106	Ostreolysin enhances fruiting initiation in the oyster mushroom (<i>Pleurotus ostreatus</i>). <i>Mycological Research</i> , 2007, 111, 1431-1436.	2.5	29
107	Mechanisms of toxicity of 3-alkylpyridinium polymers from marine sponge <i>Reniera sarai</i> . <i>Marine Drugs</i> , 2007, 5, 157-67.	2.2	11
108	Steroid structural requirements for interaction of ostreolysin, a lipid-raft binding cytolysin, with lipid monolayers and bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1662-1670.	1.4	47

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109	Toxic and lethal effects of ostreolysin, a cytolytic protein from edible oyster mushroom (Pleurotus) Tj ETQq1 1 0.784314 rgBTj/Overlook	0.8	37
110	Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors. <i>International Journal of Oncology</i> , 2006, 29, 1381.	1.4	11
111	Pore forming polyalkylpyridinium salts from marine sponges versus synthetic lipofection systems: distinct tools for intracellular delivery of cDNA and siRNA. <i>BMC Biotechnology</i> , 2006, 6, 6.	1.7	22
112	Comparative antibacterial activity of polymeric 3-alkylpyridinium salts isolated from the Mediterranean sponge <i>Reniera sarai</i> and their synthetic analogues. <i>New Biotechnology</i> , 2006, 23, 317-323.	2.7	32
113	X-Ray crystallographic, NMR and antimicrobial activity studies of magnesium complexes of fluoroquinolones "racemic ofloxacin and its S-form, levofloxacin. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1755-1763.	1.5	96
114	Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors. <i>International Journal of Oncology</i> , 2006, 29, 1381-8.	1.4	12
115	Temporal and spatial expression of ostreolysin during development of the oyster mushroom (<i>Pleurotus ostreatus</i>). <i>Mycological Research</i> , 2005, 109, 377-382.	2.5	31
116	Effect of pH on the Pore Forming Activity and Conformational Stability of Ostreolysin, a Lipid Raft-Binding Protein from the Edible Mushroom <i>Pleurotus ostreatus</i> . <i>Biochemistry</i> , 2005, 44, 11137-11147.	1.2	56
117	Temporal and spatial expression of ostreolysin during development of the oyster mushroom (<i>Pleurotus ostreatus</i>). <i>Mycological Research</i> , 2005, 109, 377-82.	2.5	8
118	Synthesis and bioactivity of linear oligomers related to polymeric alkylpyridinium metabolites from the Mediterranean sponge <i>Reniera sarai</i> . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1368-1375.	1.5	57
119	Ostreolysin, a pore-forming protein from the oyster mushroom, interacts specifically with membrane cholesterol-rich lipid domains. <i>FEBS Letters</i> , 2004, 575, 81-85.	1.3	73
120	Interactions of oxovanadium(IV) and the quinolone family member "ciprofloxacin. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 199-207.	1.5	96
121	Interaction of ostreolysin, a cytolytic protein from the edible mushroom <i>Pleurotus ostreatus</i> , with lipid membranes and modulation by lysophospholipids. <i>FEBS Journal</i> , 2003, 270, 1199-1210.	0.2	63
122	The influence of alkyl pyridinium sponge toxins on membrane properties, cytotoxicity, transfection and protein expression in mammalian cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1614, 171-181.	1.4	30
123	Isolation and characterisation of a cytolytic protein from mucus secretions of the Antarctic heteronemertine <i>Parborlasia corrugatus</i> . <i>Toxicon</i> , 2003, 41, 483-491.	0.8	23
124	Non-toxic Antifouling Activity of Polymeric 3-alkylpyridinium Salts from the Mediterranean Sponge <i>Reniera sarai</i> (Pulitzer-Finali). <i>Biofouling</i> , 2003, 19, 47-56.	0.8	57
125	<i>Pleurotus</i> and <i>Agrocybe</i> hemolysins, new proteins hypothetically involved in fungal fruiting. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1570, 153-159.	1.1	92
126	Intravascular plug formation induced by poly-APS is the principal mechanism of the toxin's lethality in rats/rat tissues. <i>Cellular and Molecular Biology Letters</i> , 2002, 7, 106-8.	2.7	4

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127	Characterization of Parazoanthoxanthin A Binding to a Series of Natural and Synthetic Host DNA Duplexes. <i>Archives of Biochemistry and Biophysics</i> , 2001, 393, 132-142.	1.4	6
128	In vivo effects of head-to-tail 3-alkylpyridinium polymers isolated from the marine sponge <i>Raniera sarai</i> . <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, R173-R174.	1.3	11
129	Biological Activity of Some Magnesium(II) Complexes of Quinolones. <i>Metal-Based Drugs</i> , 2000, 7, 101-104.	3.8	21
130	BIOACTIVE ALKYLPIRIDINIUM COMPOUNDS FROM MARINE SPONGES. <i>Toxin Reviews</i> , 2000, 19, 139-160.	1.5	57
131	Interaction of 3-alkylpyridinium polymers from the sea sponge <i>Reniera sarai</i> with insect acetylcholinesterase. <i>The Protein Journal</i> , 1999, 18, 251-257.	1.1	19
132	Vaginally Applied Diquat Intoxication. <i>Journal of Toxicology: Clinical Toxicology</i> , 1999, 37, 877-879.	1.5	12
133	Characterization of hemolytic activity of 3-alkylpyridinium polymers from the marine sponge <i>Reniera sarai</i> . <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1999, 124, 221-226.	0.5	21
134	AFM imaging of surface adsorbed polymeric 3-alkylpyridinium salts from the marine sponge <i>Reniera sarai</i> . <i>International Journal of Biological Macromolecules</i> , 1999, 26, 353-356.	3.6	5
135	Inhibition of acetylcholinesterase by an alkylpyridinium polymer from the marine sponge, <i>Reniera sarai</i> . <i>BBA - Proteins and Proteomics</i> , 1998, 1387, 217-225.	2.1	51
136	Anticholinesterase activity of the fluorescent zoanthid pigment, parazoanthoxanthin A. <i>Toxicon</i> , 1998, 36, 937-940.	0.8	15
137	Characterization of Anticholinesterase-Active 3-Alkylpyridinium Polymers from the Marine Sponge <i>Reniera sarai</i> in Aqueous Solutions. <i>Journal of Natural Products</i> , 1997, 60, 991-996.	1.5	82
138	Biological Activities of Aqueous Extracts from Marine Sponges and Cytotoxic Effects of 3-Alkylpyridinium Polymers from <i>Reniera sarai</i> . <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1997, 117, 47-53.	0.5	21