Kristina Sepcic

List of Publications by Year
in descending order

138	4,513	87723	133063
papers	citations	38 h-index	59 g-index

144	144	144	5670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. Genome Biology, 2017, 18, 28.	3.8	417
2	Comparative toxicity of imidacloprid, of its commercial liquid formulation and of diazinon to a non-target arthropod, the microcrustacean Daphnia magna. Chemosphere, 2007, 68, 1408-1418.	4.2	133
3	Biochemical biomarkers in environmental studiesâ€"lessons learnt from enzymes catalase, glutathione S-transferase and cholinesterase in two crustacean species. Environmental Science and Pollution Research, 2010, 17, 571-581.	2.7	127
4	Purification, characterization and cloning of a ricin B-like lectin from mushroom Clitocybe nebularis with antiproliferative activity against human leukemic T cells. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 173-181.	1.1	98
5	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. Journal of Inorganic Biochemistry, 2011, 105, 1196-1203.	1.5	97
6	Interactions of oxovanadium(IV) and the quinolone family memberâ€"ciprofloxacin. Journal of Inorganic Biochemistry, 2003, 95, 199-207.	1.5	96
7	X-Ray crystallographic, NMR and antimicrobial activity studies of magnesium complexes of fluoroquinolones â€“ racemic ofloxacin and its S-form, levofloxacin. Journal of Inorganic Biochemistry, 2006, 100, 1755-1763.	1.5	96
8	Pleurotus and Agrocybe hemolysins, new proteins hypothetically involved in fungal fruiting. Biochimica Et Biophysica Acta - General Subjects, 2002, 1570, 153-159.	1.1	92
9	Differences in tolerance to anthropogenic stress between invasive and native bivalves. Science of the Total Environment, 2016, 543, 449-459.	3.9	90
10	Effects of selected metal oxide nanoparticles on Artemia salina larvae: evaluation of mortality and behavioural and biochemical responses. Environmental Monitoring and Assessment, 2014, 186, 4249-4259.	1.3	83
11	High surface adsorption properties of carbon-based nanomaterials are responsible for mortality, swimming inhibition, and biochemical responses in Artemia salina larvae. Aquatic Toxicology, 2015, 163, 121-129.	1.9	83
12	Characterization of Anticholinesterase-Active 3-Alkylpyridinium Polymers from the Marine Sponge Reniera sarai in Aqueous Solutions. Journal of Natural Products, 1997, 60, 991-996.	1.5	82
13	Effects of ingested nanoâ€sized titanium dioxide on terrestrial isopods (Porcellio scaber). Environmental Toxicology and Chemistry, 2008, 27, 1904-1914.	2.2	80
14	Desmosome Assembly and Cell-Cell Adhesion Are Membrane Raft-dependent Processes. Journal of Biological Chemistry, 2011, 286, 1499-1507.	1.6	77
15	Ostreolysin, a pore-forming protein from the oyster mushroom, interacts specifically with membrane cholesterol-rich lipid domains. FEBS Letters, 2004, 575, 81-85.	1.3	73
16	Tracking Cholesterol/Sphingomyelin-Rich Membrane Domains with the Ostreolysin A-mCherry Protein. PLoS ONE, 2014, 9, e92783.	1.1	72
17	Aegerolysins: Structure, function, and putative biological role. Protein Science, 2009, 18, 694-706.	3.1	70
18	Membrane cholesterol and sphingomyelin, and ostreolysin A are obligatory for pore-formation by a MACPF/CDC-like pore-forming protein, pleurotolysin B. Biochimie, 2013, 95, 1855-1864.	1.3	68

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19	The applicability of acetylcholinesterase and glutathione S-transferase in Daphnia magna toxicity test. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 144, 303-309.	1.3	66
20	Natural cholinesterase inhibitors from marine organisms. Natural Product Reports, 2019, 36, 1053-1092.	5.2	66
21	Interaction of ostreolysin, a cytolytic protein from the edible mushroom Pleurotus ostreatus, with lipid membranes and modulation by lysophospholipids. FEBS Journal, 2003, 270, 1199-1210.	0.2	63
22	BIOACTIVE ALKYLPYRIDINIUM COMPOUNDS FROM MARINE SPONGES. Toxin Reviews, 2000, 19, 139-160.	1.5	57
23	Non-toxic Antifouling Activity of Polymeric 3-alkylpyridinium Salts from the Mediterranean SpongeReniera sarai(Pulitzer-Finali). Biofouling, 2003, 19, 47-56.	0.8	57
24	Synthesis and bioactivity of linear oligomers related to polymeric alkylpyridinium metabolites from the Mediterranean sponge Reniera sarai. Organic and Biomolecular Chemistry, 2004, 2, 1368-1375.	1.5	57
25	Effect of pH on the Pore Forming Activity and Conformational Stability of Ostreolysin, a Lipid Raft-Binding Protein from the Edible MushroomPleurotus ostreatusâ€,â€¡. Biochemistry, 2005, 44, 11137-11147.	1.2	56
26	Comparative study of serum protein binding to three different carbon-based nanomaterials. Carbon, 2015, 95, 560-572.	5.4	55
27	Ceramide phosphoethanolamine, an enigmatic cellular membrane sphingolipid. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1284-1292.	1.4	55
28	Inhibition of acetylcholinesterase by an alkylpyridinium polymer from the marine sponge, Reniera sarai. BBA - Proteins and Proteomics, 1998, 1387, 217-225.	2.1	51
29	Highly Selective Anti-Cancer Activity of Cholesterol-Interacting Agents Methyl-Î²-Cyclodextrin and Ostreolysin A/Pleurotolysin B Protein Complex on Urothelial Cancer Cells. PLoS ONE, 2015, 10, e0137878.	1.1	51
30	Hazardous potential of manufactured nanoparticles identified by in vivo assay. Journal of Hazardous Materials, 2009, 171, 160-165.	6.5	49
31	Marine AChE inhibitors isolated from Geodia barretti: natural compounds and their synthetic analogs. Organic and Biomolecular Chemistry, 2016, 14, 1629-1640.	1.5	48
32	Steroid structural requirements for interaction of ostreolysin, a lipid-raft binding cytolysin, with lipid monolayers and bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 1662-1670.	1.4	47
33	Liquid-Ordered Phase Formation in Cholesterol/Sphingomyelin Bilayers: All-Atom Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2009, 113, 15795-15802.	1.2	46
34	Effects of nano carbon black and single-layer graphene oxide on settlement, survival and swimming behaviour ofAmphibalanus amphitritelarvae. Chemistry and Ecology, 2013, 29, 643-652.	0.6	46
35	Neurotoxic potential of ingested ZnO nanomaterials on bees. Chemosphere, 2015, 120, 547-554.	4.2	46
36	Pore-forming protein complexes from Pleurotus mushrooms kill western corn rootworm and Colorado potato beetle through targeting membrane ceramide phosphoethanolamine. Scientific Reports, 2019, 9, 5073.	1.6	42

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37	Mechanisms of Toxicity of 3-Alkylpyridinium Polymers from Marine Sponge Reniera sarai. Marine Drugs, 2007, 5, 157-167.	2.2	39
38	Low Water Activity Induces the Production of Bioactive Metabolites in Halophilic and Halotolerant Fungi. Marine Drugs, 2011, 9, 43-58.	2.2	39
39	Effects of surface curvature and surface characteristics of carbon-based nanomaterials on the adsorption and activity of acetylcholinesterase. Carbon, 2013, 62, 222-232.	5.4	39
40	Toxic and lethal effects of ostreolysin, a cytolytic protein from edible oyster mushroom (Pleurotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	37
41	Biochemical biomarkers in chronically metal-stressed daphnids. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 61-68.	1.3	37
42	Isolation and Synthesis of Pulmonarins A and B, Acetylcholinesterase Inhibitors from the Colonial Ascidian Synoicum pulmonaria. Journal of Natural Products, 2014, 77, 364-369.	1.5	36
43	Lysophospholipids prevent binding of a cytolytic protein ostreolysin to cholesterol-enriched membrane domains. Toxicon, 2008, 51, 1345-1356.	0.8	35
44	Biological Activities of Aqueous and Organic Extracts from Tropical Marine Sponges. Marine Drugs, 2010, 8, 1550-1566.	2.2	35
45	Sperm exposure to carbon-based nanomaterials causes abnormalities in early development of purple sea urchin (Paracentrotus lividus). Aquatic Toxicology, 2015, 163, 158-166.	1.9	35
46	Comparative antibacterial activity of polymeric 3-alkylpyridinium salts isolated from the Mediterranean sponge Reniera sarai and their synthetic analogues. New Biotechnology, 2006, 23, 317-323.	2.7	32
47	Temporal and spatial expression of ostreolysin during development of the oyster mushroom (Pleurotus ostreatus). Mycological Research, 2005, 109, 377-382.	2.5	31
48	The influence of alkyl pyridinium sponge toxins on membrane properties, cytotoxicity, transfection and protein expression in mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1614, 171-181.	1.4	30
49	Ostreolysin enhances fruiting initiation in the oyster mushroom (Pleurotus ostreatus). Mycological Research, 2007, 111, 1431-1436.	2.5	29
50	The role of cholesterol-sphingomyelin membrane nanodomains in the stability of intercellular membrane nanotubes. International Journal of Nanomedicine, 2012, 7, 1891.	3.3	29
51	Biological Activities of Ethanolic Extracts from Deep-Sea Antarctic Marine Sponges. Marine Drugs, 2013, 11, 1126-1139.	2.2	29
52	Prevalence of Antimicrobial Resistance and Hemolytic Phenotypes in Culturable Arctic Bacteria. Frontiers in Microbiology, 2020, 11, 570.	1.5	29
53	Discorhabdin alkaloids from Antarctic Latrunculia spp. sponges as a new class of cholinesterase inhibitors. European Journal of Medicinal Chemistry, 2017, 136, 294-304.	2.6	28
54	Fungal aegerolysin-like proteins: distribution, activities, and applications. Applied Microbiology and Biotechnology, 2015, 99, 601-610.	1.7	26

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55	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. Journal of Chromatography A, 2015, 1418, 185-191.	1.8	26
56	New Structural Insights into Saraines A, B, and C, Macrocyclic Alkaloids from the Mediterranean Sponge Reniera (Haliclona) sarai. European Journal of Organic Chemistry, 2011, 2011, 3761-3767.	1.2	25
57	Fungal MACPF-Like Proteins and Aegerolysins: Bi-component Pore-Forming Proteins?. Sub-Cellular Biochemistry, 2014, 80, 271-291.	1.0	24
58	Aegerolysins: Lipid-binding proteins with versatile functions. Seminars in Cell and Developmental Biology, 2017, 72, 142-151.	2.3	24
59	The Neurotropic Black Yeast Exophiala dermatitidis Induces Neurocytotoxicity in Neuroblastoma Cells and Progressive Cell Death. Cells, 2020, 9, 963.	1.8	24
60	Isolation and characterisation of a cytolytic protein from mucus secretions of the Antarctic heteronemertine Parborlasia corrugatus. Toxicon, 2003, 41, 483-491.	0.8	23
61	Influence of polymeric 3-alkylpyridinium salts from the marine spongeReniera saraion the growth of algae and wood decay fungi. Biofouling, 2008, 24, 137-143.	0.8	23
62	Organoruthenium Prodrugs as a New Class of Cholinesterase and Glutathioneâ€Sâ€Transferase Inhibitors. ChemMedChem, 2018, 13, 2166-2176.	1.6	23
63	Pore forming polyalkylpyridinium salts from marine sponges versus synthetic lipofection systems: distinct tools for intracellular delivery of cDNA and siRNA. BMC Biotechnology, 2006, 6, 6.	1.7	22
64	Comparison of lovastatin, citrinin and pigment production of different Monascus purpureus strains grown on rice and millet. Journal of Food Science and Technology, 2019, 56, 3364-3373.	1.4	22
65	The wide-spectrum antimicrobial effect of novel N-alkyl monoquaternary ammonium salts and their mixtures; the QSAR study against bacteria. European Journal of Medicinal Chemistry, 2020, 206, 112584.	2.6	22
66	Biological Activities of Aqueous Extracts from Marine Sponges and Cytotoxic Effects of 3-Alkylpyridinium Polymers from Reniera sarai. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1997, 117, 47-53.	0.5	21
67	Characterization of hemolytic activity of 3-alkylpyridinium polymers from the marine sponge Reniera sarai. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 124, 221-226.	0.5	21
68	Biological Activity of Some Magnesium(II) Complexes of Quinolones. Metal-Based Drugs, 2000, 7, 101-104.	3.8	21
69	Antifouling Activity of Synthetic Alkylpyridinium Polymers Using the Barnacle Model. Marine Drugs, 2014, 12, 1959-1976.	2.2	21
70	Ostreolysin affects rat aorta ring tension and endothelial cell viability in vitro. Toxicon, 2007, 49, 1211-1213.	0.8	20
71	Effect of ostreolysin, an Asp-hemolysin isoform, on human chondrocytes and osteoblasts, and possible role of Asp-hemolysin in pathogenesis. Medical Mycology, 2007, 45, 123-130.	0.3	20
72	3-Akylpyridinium and 3-Alkylpyridine Compounds from Marine Sponges, Their Synthesis, Biological Activities and Potential Use. Studies in Natural Products Chemistry, 2008, 35, 355-397.	0.8	20

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73	Interaction of 3-alkylpyridinium polymers from the sea sponge Reniera sarai with insect acetylcholinesterase. The Protein Journal, 1999, 18, 251-257.	1.1	19
74	Permeability characteristics of cellâ€membrane pores induced by ostreolysin A/pleurotolysin B, binary poreâ€forming proteins from the oyster mushroom. FEBS Letters, 2014, 588, 35-40.	1.3	19
75	Characterisation of plasmalemmal shedding of vesicles induced by the cholesterol/sphingomyelin binding protein, ostreolysin A-mCherry. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2882-2893.	1.4	19
76	Binding specificity of ostreolysin A6 towards Sf9 insect cell lipids. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183307.	1.4	19
77	Chemical synthesis and biological activities of 3-alkyl pyridinium polymeric analogues of marine toxins. Journal of Chemical Biology, 2010, 3, 113-125.	2.2	18
78	Antifungal and antibacterial activity of 3-alkylpyridinium polymeric analogs of marine toxins. International Biodeterioration and Biodegradation, 2012, 68, 71-77.	1.9	18
79	Screening of the Antarctic marine sponges (Porifera) as a source of bioactive compounds. Polar Biology, 2016, 39, 947-959.	0.5	17
80	Aegerolysins from the fungal genus Pleurotus â€“ Bioinsecticidal proteins with multiple potential applications. Journal of Invertebrate Pathology, 2021, 186, 107474.	1.5	17
81	A comparative study of the actions of alkylpyridinium salts from a marine sponge and related synthetic compounds in rat cultured hippocampal neurones. BMC Pharmacology, 2007, 7, 1.	0.4	16
82	Longâ€term starvation in cave salamander effects on liver ultrastructure and energy reserve mobilization. Journal of Morphology, 2013, 274, 887-900.	0.6	16
83	Anticholinesterase activity of the fluorescent zoanthid pigment, parazoanthoxanthin A. Toxicon, 1998, 36, 937-940.	0.8	15
84	Fatty acid composition of common barbel (Barbus barbus) roe and evaluation of its haemolytic and cytotoxic activities. Toxicon, 2011, 57, 1017-1022.	0.8	15
85	Ostreolysin induces sustained contraction of porcine coronary arteries and endothelial dysfunction in middle- and large-sized vessels. Toxicon, 2009, 54, 784-792.	0.8	13
86	Synthetic analogs of stryphnusin isolated from the marine sponge Stryphnus fortis inhibit acetylcholinesterase with no effect on muscle function or neuromuscular transmission. Organic and Biomolecular Chemistry, 2016, 14, 11220-11229.	1.5	13
87	Vaginally Applied Diquat Intoxication. Journal of Toxicology: Clinical Toxicology, 1999, 37, 877-879.	1.5	12
88	Synthesis, Antimicrobial Effect and Lipophilicityâ€Activity Dependence of Three Series of Dichained Nâ€Alkylammonium Salts. ChemistrySelect, 2019, 4, 12076-12084.	0.7	12
89	Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors. International Journal of Oncology, 2006, 29, 1381-8.	1.4	12
90	In vivo effects of head-to-tail 3-alkylpiridinium polymers isolated from the marine sponge Raniera sarai. Pflugers Archiv European Journal of Physiology, 2000, 440, R173-R174.	1.3	11

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91	Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors. International Journal of Oncology, 2006, 29, 1381.	1.4	11
92	In vivo toxic and lethal cardiovascular effects of a synthetic polymeric 1,3-dodecylpyridinium salt in rodents. Toxicology and Applied Pharmacology, 2011, 255, 86-93.	1.3	11
93	Salt induces biosynthesis of hemolytically active compounds in the xerotolerant food-borne fungus Wallemia sebi. FEMS Microbiology Letters, 2012, 326, 40-46.	0.7	11
94	Binding and permeabilization of lipid bilayers by natural and synthetic 3-alkylpyridinium polymers. Bioorganic and Medicinal Chemistry, 2012, 20, 1659-1664.	1.4	11
95	Comparative lipidomic study of urothelial cancer models: association with urothelial cancer cell invasiveness. Molecular BioSystems, 2016, 12, 3266-3279.	2.9	11
96	Feeding Preference and Sub-chronic Effects of ZnO Nanomaterials in Honey Bees (Apis mellifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.1	11
97	Dissecting Out the Molecular Mechanism of Insecticidal Activity of Ostreolysin A6/Pleurotolysin B Complexes on Western Corn Rootworm. Toxins, 2021, 13, 455.	1.5	11
98	Mechanisms of toxicity of 3-alkylpyridinium polymers from marine sponge Reniera sarai. Marine Drugs, 2007, 5, 157-67.	2.2	11
99	Induction of fruiting in oyster mushroom (Pleurotus ostreatus) by polymeric 3-alkylpyridinium salts. Mycological Research, 2008, 112, 1085-1087.	2.5	10
100	EPR and FTIR studies reveal the importance of highly ordered sterol-enriched membrane domains for ostreolysin activity. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 891-902.	1.4	10
101	Toxicity of the synthetic polymeric 3-alkylpyridinium salt (APS3) is due to specific block of nicotinic acetylcholine receptors. Toxicology, 2013, 303, 25-33.	2.0	10
102	Functional studies of aegerolysin and MACPFâ€like proteins in Aspergillus niger. Molecular Microbiology, 2019, 112, 1253-1269.	1.2	10
103	What Can Mushroom Proteins Teach Us about Lipid Rafts?. Membranes, 2021, 11, 264.	1.4	10
104	Effect of the ostreolysin A/pleurotolysin B pore-forming complex on intracellular Ca2+ activity in the vascular smooth muscle cell line A10. Toxicology in Vitro, 2015, 29, 2015-2021.	1.1	9
105	First evidence of cholinesterase-like activity in Basidiomycota. PLoS ONE, 2019, 14, e0216077.	1.1	9
106	Structural Isomerism and Enhanced Lipophilicity of Pyrithione Ligands of Organoruthenium(II) Complexes Increase Inhibition on AChE and BuChE. International Journal of Molecular Sciences, 2020, 21, 5628.	1.8	9
107	New synthetic routes for the preparation of ruthenium-1,10-phenanthroline complexes. Tests of cytotoxic and antibacterial activity of selected ruthenium complexes. Acta Chimica Slovenica, 2015, 62, 337-345.	0.2	9
108	Characterization and cytotoxic activity of ribotoxin-like proteins from the edible mushroom Pleurotus eryngii. Food Chemistry, 2022, 396, 133655.	4.2	9

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109	Reflection of hydrocarbon pollution on hepatic EROD activity in the black goby (Gobius niger). Environmental Toxicology and Pharmacology, 2007, 24, 304-310.	2.0	8
110	The non-competitive acetylcholinesterase inhibitor APS12-2 is a potent antagonist of skeletal muscle nicotinic acetylcholine receptors. Toxicology and Applied Pharmacology, 2012, 265, 221-228.	1.3	8
111	Targeted Lipid Analysis of Haemolytic Mycelial Extracts of Aspergillus niger. Molecules, 2014, 19, 9051-9069.	1.7	8
112	Polymeric alkylpyridinium salts permit intracellular delivery of human Tau in rat hippocampal neurons: requirement of Tau phosphorylation for functional deficits. Cellular and Molecular Life Sciences, 2015, 72, 4613-4632.	2.4	8
113	Wide-Antimicrobial Spectrum of Picolinium Salts. Molecules, 2020, 25, 2254.	1.7	8
114	Temporal and spatial expression of ostreolysin during development of the oyster mushroom (Pleurotus ostreatus). Mycological Research, 2005, 109, 377-82.	2.5	8
115	Cardiovascular effects induced by polymeric 3-alkylpyridinium salts from the marine sponge Reniera sarai. Toxicon, 2012, 60, 1041-1048.	0.8	7
116	Biological activities of organic extracts of fourAureobasidium pullulansvarieties isolated from extreme marine and terrestrial habitats. Natural Product Research, 2014, 28, 874-882.	1.0	7
117	Effects of Bioinsecticidal Aegerolysin-Based Cytolytic Complexes on Non-Target Organisms. Toxins, 2021, 13, 457.	1.5	7
118	Characterization of Parazoanthoxanthin A Binding to a Series of Natural and Synthetic Host DNA Duplexes. Archives of Biochemistry and Biophysics, 2001, 393, 132-142.	1.4	6
119	Fatty acid composition and antioxidant activity of Antarctic marine sponges of the genus Latrunculia. Polar Biology, 2015, 38, 1605-1612.	0.5	6
120	Crystal structure of RahU, an aegerolysin protein from the human pathogen Pseudomonas aeruginosa, and its interaction with membrane ceramide phosphorylethanolamine. Scientific Reports, 2021, 11, 6572.	1.6	6
121	Lipid-Binding Aegerolysin from Biocontrol Fungus Beauveria bassiana. Toxins, 2021, 13, 820.	1.5	6
122	Using Virtual AChE Homology Screening to Identify Small Molecules With the Ability to Inhibit Marine Biofouling. Frontiers in Marine Science, 2021, 8, .	1.2	6
123	Spatial Distribution and Stability of Cholinesterase Inhibitory Protoberberine Alkaloids from Papaver setiferum. Journal of Natural Products, 2022, 85, 215-224.	1.5	6
124	Ceramide Aminoethylphosphonate as a New Molecular Target for Pore-Forming Aegerolysin-Based Protein Complexes. Frontiers in Molecular Biosciences, 2022, 9, .	1.6	6
125	AFM imaging of surface adsorbed polymeric 3-alkylpyridinium salts from the marine sponge Reniera sarai. International Journal of Biological Macromolecules, 1999, 26, 353-356.	3.6	5
126	Hydrolytic and oxidative enzyme production through cultivation ofPleurotus ostreatuson pulp and paper industry wastes. Holzforschung, 2018, 72, 813-817.	0.9	5

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127	Depletion of the cellular cholesterol content reduces the dynamics of desmosomal cadherins and interferes with desmosomal strength. Histochemistry and Cell Biology, 2019, 152, 195-206.	0.8	5
128	Unconventional Secretion of Nigerolysins A from Aspergillus Species. Microorganisms, 2020, 8, 1973.	1.6	5
129	Parazoanthoxanthin A blocks Torpedo nicotinic acetylcholine receptors. Chemico-Biological Interactions, 2010, 187, 384-387.	1.7	4
130	Intravascular plug formation induced by poly-APS is the principal mechanism of the toxin's lethality in rats/rat tissues. Cellular and Molecular Biology Letters, 2002, 7, 106-8.	2.7	4
131	Kinetically Stable Triglyceride-Based Nanodroplets and Their Interactions with Lipid-Specific Proteins. Langmuir, 2018, 34, 8983-8993.	1.6	3
132	Vitellogenin in the European cave salamander, Proteus anguinus: Its characterization and dynamics in a captive female as a basis for non-destructive sex identification. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 235, 30-37.	0.7	3
133	Structural and functional characterization of an organometallic ruthenium complex as a potential myorelaxant drug. Biomedicine and Pharmacotherapy, 2020, 127, 110161.	2.5	3
134	Ostreolysin, a Cytolytic Protein from Culinary-Medicinal Oyster Mushroom Pleurotus ostreatus (Jacq.: Fr.) P. Kumm. (Agaricomycetideae), and Its Potential Use in Medicine and Biotechnology. International Journal of Medicinal Mushrooms, 2008, 10, 293-302.	0.9	3
135	Fine Tuning of Cholinesterase and Glutathione-S-Transferase Activities by Organoruthenium(II) Complexes. Biomedicines, 2021, 9, 1243.	1.4	2
136	Effects of synthetic analogues of poly-APS on contractile response of porcine coronary arteries. Toxicology in Vitro, 2013, 27, 627-631.	1.1	1
137	Development of potent cholinesterase inhibitors based on a marine pharmacophore. Organic and Biomolecular Chemistry, 2022, 20, 5589-5601.	1.5	1
138	Ceramide Phosphoethanolamine as a Possible Marker of Periodontal Disease. Membranes, 2022, 12, 655.	1.4	1