

Agostinho Antunes

List of Publications by Year in descending order

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195
papers

7,358
citations

61945

43
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71651

76
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203
all docs

203
docs citations

203
times ranked

9984
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	6.0	895
2	The Late Miocene Radiation of Modern Felidae: A Genetic Assessment. <i>Science</i> , 2006, 311, 73-77.	6.0	596
3	Initial sequence and comparative analysis of the cat genome. <i>Genome Research</i> , 2007, 17, 1675-1689.	2.4	311
4	The adaptive evolution of the mammalian mitochondrial genome. <i>BMC Genomics</i> , 2008, 9, 119.	1.2	303
5	Evolution of separate predation- and defence-evoked venoms in carnivorous cone snails. <i>Nature Communications</i> , 2014, 5, 3521.	5.8	275
6	Sea Anemone (Cnidaria, Anthozoa, Actiniaria) Toxins: An Overview. <i>Marine Drugs</i> , 2012, 10, 1812-1851.	2.2	183
7	Genomic legacy of the African cheetah, <i>Acinonyx jubatus</i> . <i>Genome Biology</i> , 2015, 16, 277.	3.8	167
8	Genome-wide signatures of complex introgression and adaptive evolution in the big cats. <i>Science Advances</i> , 2017, 3, e1700299.	4.7	142
9	The chemical ecology of cyanobacteria. <i>Natural Product Reports</i> , 2012, 29, 372.	5.2	125
10	Three-Fingered RAVeRs: Rapid Accumulation of Variations in Exposed Residues of Snake Venom Toxins. <i>Toxins</i> , 2013, 5, 2172-2208.	1.5	111
11	Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , 2016, 26, 1312-1322.	2.4	95
12	White shark genome reveals ancient elasmobranch adaptations associated with wound healing and the maintenance of genome stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4446-4455.	3.3	92
13	The Evolutionary Dynamics of the Lion <i>Panthera leo</i> Revealed by Host and Viral Population Genomics. <i>PLoS Genetics</i> , 2008, 4, e1000251.	1.5	91
14	Evolution of CRISPs Associated with Toxicoforan-Reptilian Venom and Mammalian Reproduction. <i>Molecular Biology and Evolution</i> , 2012, 29, 1807-1822.	3.5	89
15	Differential Evolution and Neofunctionalization of Snake Venom Metalloprotease Domains. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 651-663.	2.5	83
16	Vomeroneasal Receptors in Vertebrates and the Evolution of Pheromone Detection. <i>Annual Review of Animal Biosciences</i> , 2017, 5, 353-370.	3.6	81
17	Evolutionary analysis of a large mtDNA translocation (numt) into the nuclear genome of the <i>Panthera</i> genus species. <i>Gene</i> , 2006, 366, 292-302.	1.0	79
18	Evolution Stings: The Origin and Diversification of Scorpion Toxin Peptide Scaffolds. <i>Toxins</i> , 2013, 5, 2456-2487.	1.5	79

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19	Measuring phylogenetic signal between categorical traits and phylogenies. <i>Bioinformatics</i> , 2019, 35, 1862-1869.	1.8	75
20	Olfactory Receptor Subgenomes Linked with Broad Ecological Adaptations in Sauropsida. <i>Molecular Biology and Evolution</i> , 2015, 32, 2832-2843.	3.5	73
21	Molecular evolution and the role of oxidative stress in the expansion and functional diversification of cytosolic glutathione transferases. <i>BMC Evolutionary Biology</i> , 2010, 10, 281.	3.2	71
22	Phylogeny and Biogeography of Cyanobacteria and Their Produced Toxins. <i>Marine Drugs</i> , 2013, 11, 4350-4369.	2.2	70
23	The evolutionary history of extinct and living lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10927-10934.	3.3	70
24	Alignment-Free Prediction of Polygalacturonases with Pseudofolding Topological Indices: Experimental Isolation from <i>Coffea arabica</i> and Prediction of a New Sequence. <i>Journal of Proteome Research</i> , 2009, 8, 2122-2128.	1.8	65
25	Phylogenetic, chemical and morphological diversity of cyanobacteria from Portuguese temperate estuaries. <i>Marine Environmental Research</i> , 2012, 73, 7-16.	1.1	64
26	Mammalian keratin associated proteins (KRTAPs) subgenomes: disentangling hair diversity and adaptation to terrestrial and aquatic environments. <i>BMC Genomics</i> , 2014, 15, 779.	1.2	64
27	The Complete Phylogeny of Pangolins: Scaling Up Resources for the Molecular Tracing of the Most Trafficked Mammals on Earth. <i>Journal of Heredity</i> , 2018, 109, 347-359.	1.0	64
28	Molecular Phylogeny and Evolution of the Proteins Encoded by Coleoid (Cuttlefish, Octopus, and) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	0.8	62
29	ASSESSING THE TAXONOMIC STATUS OF THE PALAWAN PANGOLIN MANIS CULIONENSIS (PHOLIDOTA) USING DISCRETE MORPHOLOGICAL CHARACTERS. <i>Journal of Mammalogy</i> , 2005, 86, 1068-1074.	0.6	61
30	Dracula's children: Molecular evolution of vampire bat venom. <i>Journal of Proteomics</i> , 2013, 89, 95-111.	1.2	61
31	Subspecies Genetic Assignments of Worldwide Captive Tigers Increase Conservation Value of Captive Populations. <i>Current Biology</i> , 2008, 18, 592-596.	1.8	59
32	Gene loss, adaptive evolution and the co-evolution of plumage coloration genes with opsins in birds. <i>BMC Genomics</i> , 2015, 16, 751.	1.2	58
33	Discovery of a large number of previously unrecognized mitochondrial pseudogenes in fish genomes. <i>Genomics</i> , 2005, 86, 708-717.	1.3	57
34	Sympatric Asian felid phylogeography reveals a major Indochineseâ€“Sundaic divergence. <i>Molecular Ecology</i> , 2014, 23, 2072-2092.	2.0	56
35	Molecular Evolution of Vertebrate Neurotrophins: Co-Option of the Highly Conserved Nerve Growth Factor Gene into the Advanced Snake Venom Arsenal. <i>PLoS ONE</i> , 2013, 8, e81827.	1.1	56
36	The Role of Nuclear Genes in Intraspecific Evolutionary Inference: Genealogy of the transferrin Gene in the Brown Trout. <i>Molecular Biology and Evolution</i> , 2002, 19, 1272-1287.	3.5	55

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37	The phosphoprotein phosphatase family of Ser/Thr phosphatases as principal targets of naturally occurring toxins. <i>Critical Reviews in Toxicology</i> , 2011, 41, 83-110.	1.9	53
38	Squeezers and Leaf-cutters: Differential Diversification and Degeneration of the Venom System in Toxiciferan Reptiles. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1881-1899.	2.5	52
39	FIV cross-species transmission: An evolutionary prospective. <i>Veterinary Immunology and Immunopathology</i> , 2008, 123, 159-166.	0.5	51
40	Genus-wide comparison of <i>Pseudovibrio</i> bacterial genomes reveal diverse adaptations to different marine invertebrate hosts. <i>PLoS ONE</i> , 2018, 13, e0194368.	1.1	50
41	First report on the occurrence of microcystins in planktonic cyanobacteria from Central Mexico. <i>Toxicon</i> , 2010, 56, 425-431.	0.8	49
42	Diversification of a single ancestral gene into a successful toxin superfamily in highly venomous Australian funnel-web spiders. <i>BMC Genomics</i> , 2014, 15, 177.	1.2	49
43	Bushmeat genetics: setting up a reference framework for the <i>mtDNA</i> typing of African forest bushmeat. <i>Molecular Ecology Resources</i> , 2015, 15, 633-651.	2.2	49
44	Computational study of the covalent bonding of microcystins to cysteine residues – a reaction involved in the inhibition of the PPP family of protein phosphatases. <i>FEBS Journal</i> , 2013, 280, 674-680.	2.2	46
45	Whole Genome Sequencing of the Symbiont <i>Pseudovibrio</i> sp. from the Intertidal Marine Sponge <i>Polymastia penicillus</i> Revealed a Gene Repertoire for Host-Switching Permissive Lifestyle. <i>Genome Biology and Evolution</i> , 2015, 7, 3022-3032.	1.1	46
46	Emerging Viruses in the Felidae: Shifting Paradigms. <i>Viruses</i> , 2012, 4, 236-257.	1.5	44
47	Phylogeny and biogeography of the invasive cyanobacterium <i>Cylindrospermopsis raciborskii</i> . <i>Archives of Microbiology</i> , 2015, 197, 47-52.	1.0	41
48	Evidence of Unique and Generalist Microbes in Distantly Related Sympatric Intertidal Marine Sponges (Porifera: Demospongiae). <i>PLoS ONE</i> , 2013, 8, e80653.	1.1	39
49	Phylogeography of the heavily poached African common pangolin (<i>Pholidota, Manis</i>) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> <i>Molecular Ecology</i> , 2016, 25, 5975-5993.	2.0	39
50	Comparative Study of Topological Indices of Macro/Supramolecular RNA Complex Networks. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 2265-2277.	2.5	38
51	Combining Genetic and Demographic Data for the Conservation of a Mediterranean Marine Habitat-Forming Species. <i>PLoS ONE</i> , 2015, 10, e0119585.	1.1	38
52	A draft genome sequence of the elusive giant squid, <i>Architeuthis dux</i> . <i>GigaScience</i> , 2020, 9, .	3.3	37
53	Application of real-time PCR in the assessment of the toxic cyanobacterium <i>Cylindrospermopsis raciborskii</i> abundance and toxicological potential. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 189-197.	1.7	36
54	Susceptibility of Pets to SARS-CoV-2 Infection: Lessons from a Seroepidemiologic Survey of Cats and Dogs in Portugal. <i>Microorganisms</i> , 2022, 10, 345.	1.6	36

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55	Molecular and phylogenetic characterization of potentially toxic cyanobacteria in Tunisian freshwaters. <i>Systematic and Applied Microbiology</i> , 2011, 34, 303-310.	1.2	35
56	Unusual Symbiotic Cyanobacteria Association in the Genetically Diverse Intertidal Marine Sponge <i>Hymeniacidon perlevis</i> (Demospongiae, Halichondrida). <i>PLoS ONE</i> , 2012, 7, e51834.	1.1	34
57	Pyrosequencing Characterization of the Microbiota from Atlantic Intertidal Marine Sponges Reveals High Microbial Diversity and the Lack of Co-Occurrence Patterns. <i>PLoS ONE</i> , 2015, 10, e0127455.	1.1	34
58	Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, <i>Homotherium latidens</i> . <i>Current Biology</i> , 2020, 30, 5018-5025.e5.	1.8	34
59	Low Genetic Diversity and High Invasion Success of <i>Corbicula fluminea</i> (Bivalvia, Corbiculidae) (Müller, 1774) in Portugal. <i>PLoS ONE</i> , 2016, 11, e0158108.	1.1	32
60	Complex evolutionary history in the brown trout: Insights on the recognition of conservation units. <i>Conservation Genetics</i> , 2001, 2, 337-347.	0.8	30
61	Life on the Edge: The Long-Term Persistence and Contrasting Spatial Genetic Structure of Distinct Brown Trout Life Histories at Their Ecological Limits. <i>Journal of Heredity</i> , 2006, 97, 193-205.	1.0	30
62	Mitochondrial Introgressions into the Nuclear Genome of the Domestic Cat. <i>Journal of Heredity</i> , 2007, 98, 414-420.	1.0	30
63	Annotated features of domestic cat "Felis catus genome. <i>GigaScience</i> , 2014, 3, 13.	3.3	30
64	Structural divergence and adaptive evolution in mammalian cytochromes P450 2C. <i>Gene</i> , 2007, 387, 58-66.	1.0	28
65	Genetic Diversity and Structure of the Invasive Toxic Cyanobacterium <i>Cylindrospermopsis raciborskii</i> . <i>Current Microbiology</i> , 2011, 62, 1590-1595.	1.0	28
66	Seasonal Dynamics of <i>Microcystis</i> spp. and Their Toxigenicity as Assessed by qPCR in a Temperate Reservoir. <i>Marine Drugs</i> , 2011, 9, 1715-1730.	2.2	27
67	Evolutionary Genomics and Adaptive Evolution of the Hedgehog Gene Family (Shh, Ihh and Dhh) in Vertebrates. <i>PLoS ONE</i> , 2014, 9, e74132.	1.1	27
68	Positive selection as a key player for SARS-CoV-2 pathogenicity: Insights into ORF1ab, S and E genes. <i>Virus Research</i> , 2021, 302, 198472.	1.1	27
69	Comparative evolutionary genomics of the HADH2 gene encoding A ¹² -binding alcohol dehydrogenase/17 ¹² -hydroxysteroid dehydrogenase type 10 (ABAD/HSD10). <i>BMC Genomics</i> , 2006, 7, 202.	1.2	26
70	Small Molecules in the Cone Snail Arsenal. <i>Organic Letters</i> , 2015, 17, 4933-4935.	2.4	25
71	The Vertebrate TLR Supergene Family Evolved Dynamically by Gene Gain/Loss and Positive Selection Revealing a Host-Pathogen Arms Race in Birds. <i>Diversity</i> , 2019, 11, 131.	0.7	25
72	Unraveling a 146 Years Old Taxonomic Puzzle: Validation of Malabar Snakehead, Species-Status and Its Relevance for Channid Systematics and Evolution. <i>PLoS ONE</i> , 2011, 6, e21272.	1.1	25

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73	Genetic variability of the invasive cyanobacteria <i>Cylindrospermopsis raciborskii</i> from Bir Mâ€™cherga reservoir (Tunisia). <i>Archives of Microbiology</i> , 2011, 193, 595-604.	1.0	24
74	Evolutionary History, Genomic Adaptation to Toxic Diet, and Extinction of the Carolina Parakeet. <i>Current Biology</i> , 2020, 30, 108-114.e5.	1.8	24
75	Proteomic Analyses of the Unexplored Sea Anemone <i>Bunodactis verrucosa</i> . <i>Marine Drugs</i> , 2018, 16, 42.	2.2	23
76	IMPACT_S: Integrated Multiprogram Platform to Analyze and Combine Tests of Selection. <i>PLoS ONE</i> , 2014, 9, e96243.	1.1	23
77	Adaptive genomic evolution of opsins reveals that early mammals flourished in nocturnal environments. <i>BMC Genomics</i> , 2018, 19, 121.	1.2	22
78	The Role of Gene Duplication and Unconstrained Selective Pressures in the Melanopsin Gene Family Evolution and Vertebrate Circadian Rhythm Regulation. <i>PLoS ONE</i> , 2012, 7, e52413.	1.1	22
79	Contribution of DNA-typing to bushmeat surveys: assessment of a roadside market in south-western Nigeria. <i>Wildlife Research</i> , 2011, 38, 696.	0.7	21
80	Adaptive Patterns of Mitogenome Evolution Are Associated with the Loss of Shell Scutes in Turtles. <i>Molecular Biology and Evolution</i> , 2017, 34, 2522-2536.	3.5	21
81	The Swinholide Biosynthesis Gene Cluster from a Terrestrial Cyanobacterium, <i>Nostoc</i> sp. Strain UHCC 0450. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	21
82	Whole-Genome Identification, Phylogeny, and Evolution of the Cytochrome P450 Family 2 (CYP2) Subfamilies in Birds. <i>Genome Biology and Evolution</i> , 2016, 8, 1115-1131.	1.1	20
83	Structural and Molecular Diversification of the Anguimorpha Lizard Mandibular Venom Gland System in the Arboreal Species <i>Abronia graminea</i> . <i>Journal of Molecular Evolution</i> , 2012, 75, 168-183.	0.8	19
84	Adaptive evolution of the matrix extracellular phosphoglycoprotein in mammals. <i>BMC Evolutionary Biology</i> , 2011, 11, 342.	3.2	18
85	Demographic responses to warming: reproductive maturity and sex influence vulnerability in an octocoral. <i>Coral Reefs</i> , 2015, 34, 1207-1216.	0.9	18
86	Jellyfish Bioactive Compounds: Methods for Wet-Lab Work. <i>Marine Drugs</i> , 2016, 14, 75.	2.2	18
87	Adaptive evolution of the Retinoid X receptor in vertebrates. <i>Genomics</i> , 2012, 99, 81-89.	1.3	17
88	<i>Atractaspis aterrima</i> Toxins: The First Insight into the Molecular Evolution of Venom in Side-Stabbers. <i>Toxins</i> , 2013, 5, 1948-1964.	1.5	17
89	An Effective Big Data Supervised Imbalanced Classification Approach for Ortholog Detection in Related Yeast Species. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	17
90	Postglacial range expansion shaped the spatial genetic structure in a marine habitat-forming species: Implications for conservation plans in the Eastern Adriatic Sea. <i>Journal of Biogeography</i> , 2018, 45, 2645-2657.	1.4	17

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91	Are pangolins scapegoats of the COVID-19 outbreak-CoV transmission and pathology evidence?. Conservation Letters, 2020, 13, e12754.	2.8	17
92	De novo sequencing, assembly and analysis of eight different transcriptomes from the Malayan pangolin. Scientific Reports, 2016, 6, 28199.	1.6	16
93	Parabolic variation in sexual selection intensity across the range of a cold-water pipefish: implications for susceptibility to climate change. Global Change Biology, 2017, 23, 3600-3609.	4.2	16
94	Analysis of Pelagia noctiluca proteome Reveals a Red Fluorescent Protein, a Zinc Metalloproteinase and a Peroxiredoxin. Protein Journal, 2017, 36, 77-97.	0.7	16
95	Cyanotoxins Occurrence in Portugal: A New Report on Their Recent Multiplication. Toxins, 2020, 12, 154.	1.5	16
96	Isolation and characterization of microsatellite markers in pangolins (Mammalia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Pholidota). Molecular Ecology, 2015, 25, 15.	1.7	15
97	Phylogeny of Microcystins: Evidence of a Biogeographical Trend?. Current Microbiology, 2013, 66, 214-221.	1.0	15
98	Adaptation of the Mitochondrial Genome in Cephalopods: Enhancing Proton Translocation Channels and the Subunit Interactions. PLoS ONE, 2015, 10, e0135405.	1.1	15
99	Structural and functional implications of positive selection at the primate angiogenin gene. BMC Evolutionary Biology, 2007, 7, 167.	3.2	14
100	Tl2BioP: Topological Indices to BioPolymers. Its practical use to unravel cryptic bacteriocin-like domains. Amino Acids, 2011, 40, 431-442.	1.2	14
101	LMAP: Lightweight Multigene Analyses in PAML. BMC Bioinformatics, 2016, 17, 354.	1.2	14
102	Whole-Genome Comparisons Among the Genus Shewanella Reveal the Enrichment of Genes Encoding Ankyrin-Repeats Containing Proteins in Sponge-Associated Bacteria. Frontiers in Microbiology, 2019, 10, 5.	1.5	14
103	What's behind these scales? Comments to "The complete mitochondrial genome of Temminck's ground pangolin (Smutsia temminckii; Smuts, 1832) and phylogenetic position of the Pholidota (Weber, 1904)" Gene, 2015, 563, 106-108.	1.0	13
104	First occurrence of cylindrospermopsin in Portugal: a contribution to its continuous global dispersal. Toxicon, 2017, 130, 87-90.	0.8	13
105	The lek mating system of the worm pipefish (<i>Nerophis lumbriciformis</i>): a molecular maternity analysis and test of the phenotype-linked fertility hypothesis. Molecular Ecology, 2017, 26, 1371-1385.	2.0	13
106	Transcriptomic Characterization of the South American Freshwater Stingray Potamotrygon motoro Venom Apparatus. Toxins, 2018, 10, 544.	1.5	13
107	Comparative Genomics Reveals Metabolic Specificity of Endozoicomonas Isolated from a Marine Sponge and the Genomic Repertoire for Host-Bacteria Symbioses. Microorganisms, 2019, 7, 635.	1.6	13
108	Graph Theory-Based Sequence Descriptors as Remote Homology Predictors. Biomolecules, 2020, 10, 26.	1.8	13

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109	The Quantitative Proteome of the Cement and Adhesive Gland of the Pedunculate Barnacle, <i>Pollicipes pollicipes</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2524.	1.8	13
110	Adaptive Functional Divergence of the Warm Temperature Acclimation-Related Protein (WAP65) in Fishes and the Ortholog Hemopexin (HPX) in Mammals. <i>Journal of Heredity</i> , 2014, 105, 237-252.	1.0	12
111	African Origin and Europe-Mediated Global Dispersal of The Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Current Microbiology</i> , 2014, 69, 628-633.	1.0	12
112	Bone-associated gene evolution and the origin of flight in birds. <i>BMC Genomics</i> , 2016, 17, 371.	1.2	12
113	Innovative assembly strategy contributes to understanding the evolution and conservation genetics of the endangered <i>Solenodon paradoxus</i> from the island of Hispaniola. <i>GigaScience</i> , 2018, 7, .	3.3	12
114	Avian Binocularity and Adaptation to Nocturnal Environments: Genomic Insights from a Highly Derived Visual Phenotype. <i>Genome Biology and Evolution</i> , 2019, 11, 2244-2255.	1.1	12
115	Characterization of the First Conotoxin from <i>Conus ateralbus</i> , a Vermivorous Cone Snail from the Cabo Verde Archipelago. <i>Marine Drugs</i> , 2019, 17, 432.	2.2	12
116	Emerging Computational Approaches for Antimicrobial Peptide Discovery. <i>Antibiotics</i> , 2022, 11, 936.	1.5	12
117	Fish Lateral Line Innovation: Insights into the Evolutionary Genomic Dynamics of a Unique Mechanosensory Organ. <i>Molecular Biology and Evolution</i> , 2012, 29, 3887-3898.	3.5	11
118	Genetic characterization of <i>Microcystis aeruginosa</i> isolates from Portuguese freshwater systems. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 118.	1.7	11
119	ShadowCaster: Compositional Methods under the Shadow of Phylogenetic Models to Detect Horizontal Gene Transfers in Prokaryotes. <i>Genes</i> , 2020, 11, 756.	1.0	11
120	Assessing the impact of population decline on mating system in the overexploited Mediterranean red coral. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1149-1159.	0.9	11
121	Morphological and Genetic Evidence for Multiple Evolutionary Distinct Lineages in the Endangered and Commercially Exploited Red Lined Torpedo Barbs Endemic to the Western Ghats of India. <i>PLoS ONE</i> , 2013, 8, e69741.	1.1	11
122	An Alignment-Free Approach for Eukaryotic ITS2 Annotation and Phylogenetic Inference. <i>PLoS ONE</i> , 2011, 6, e26638.	1.1	10
123	Deadly Innovations: Unraveling the Molecular Evolution of Animal Venoms. , 2016, , 1-27.		10
124	Exploring general-purpose protein features for distinguishing enzymes and non-enzymes within the twilight zone. <i>BMC Bioinformatics</i> , 2017, 18, 349.	1.2	10
125	Beyond the beaten path: improving natural products bioprospecting using an eco-evolutionary framework – the case of the octocorals. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 184-198.	5.1	10
126	The Harderian gland transcriptomes of <i>Caraiba andreae</i> , <i>Cubophis cantherigerus</i> and <i>Tretanorhinus variabilis</i> , three colubroid snakes from Cuba. <i>Genomics</i> , 2019, 111, 1720-1727.	1.3	10

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127	Shotgun Proteomics of Ascidians Tunic Gives New Insights on Host-Microbe Interactions by Revealing Diverse Antimicrobial Peptides. <i>Marine Drugs</i> , 2020, 18, 362.	2.2	10
128	Symbiotic Associations in Ascidians: Relevance for Functional Innovation and Bioactive Potential. <i>Marine Drugs</i> , 2021, 19, 370.	2.2	10
129	Cyanobacterial Blooms: Current Knowledge and New Perspectives. <i>Earth</i> , 2022, 3, 127-135.	0.9	10
130	Conopeptides from Cape Verde <i>Conus crotchii</i> . <i>Marine Drugs</i> , 2013, 11, 2203-2215.	2.2	9
131	Exploring the Adenylation Domain Repertoire of Nonribosomal Peptide Synthetases Using an Ensemble of Sequence-Search Methods. <i>PLoS ONE</i> , 2013, 8, e65926.	1.1	9
132	Positive Selection Linked with Generation of Novel Mammalian Dentition Patterns. <i>Genome Biology and Evolution</i> , 2016, 8, 2748-2759.	1.1	9
133	Characterization of transferrin-linked microsatellites in brown trout (<i>Salmo trutta</i>) and Atlantic salmon (<i>Salmo salar</i>). <i>Molecular Ecology Notes</i> , 2006, 6, 547-549.	1.7	8
134	From molecule to conservation: DNA-based methods to overcome frontiers in the shark and ray fin trade. <i>Conservation Genetics Resources</i> , 2021, 13, 231-247.	0.4	8
135	Proteogenomic Characterization of the Cement and Adhesive Gland of the Pelagic Gooseneck Barnacle <i>Lepas anatifera</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 3370.	1.8	8
136	Decoding sex: Elucidating sex determination and how high-quality genome assemblies are untangling the evolutionary dynamics of sex chromosomes. <i>Genomics</i> , 2022, 114, 110277.	1.3	8
137	Morphological, toxicological and molecular characterization of a benthic <i>Nodularia</i> isolated from Atlantic estuarine environments. <i>Research in Microbiology</i> , 2010, 161, 9-17.	1.0	7
138	Non-linear models based on simple topological indices to identify RNase III protein members. <i>Journal of Theoretical Biology</i> , 2011, 273, 167-178.	0.8	7
139	Demo-Genetic Approach for the Conservation and Restoration of a Habitat-Forming Octocoral: The Case of Red Coral, <i>Corallium rubrum</i> , in the Réserve Naturelle de Scandola. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
140	Genetic Evidence for Contrasting Wetland and Savannah Habitat Specializations in Different Populations of Lions (<i>Panthera leo</i>). <i>Journal of Heredity</i> , 2016, 107, 101-103.	1.0	6
141	The Genome Sequence of the Octocoral <i>Paramuricea clavata</i> – A Key Resource To Study the Impact of Climate Change in the Mediterranean. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2941-2952.	0.8	6
142	Putative Antimicrobial Peptides of the Posterior Salivary Glands from the Cephalopod <i>Octopus vulgaris</i> Revealed by Exploring a Composite Protein Database. <i>Antibiotics</i> , 2020, 9, 757.	1.5	6
143	The new COST Action European Venom Network (EUVEN) – synergy and future perspectives of modern venomics. <i>GigaScience</i> , 2021, 10, .	3.3	6
144	Biomedical Potential of the Neglected Molluscivorous and Vermivorous <i>Conus</i> Species. <i>Marine Drugs</i> , 2022, 20, 105.	2.2	6

#	ARTICLE	IF	CITATIONS
145	A Novel Network Science and Similarity-Searching-Based Approach for Discovering Potential Tumor-Homing Peptides from Antimicrobials. <i>Antibiotics</i> , 2022, 11, 401.	1.5	6
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160	Surveying alignment-free features for Ortholog detection in related yeast proteomes by using supervised big data classifiers. <i>BMC Bioinformatics</i> , 2018, 19, 166.	1.2	3
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