Nuria Saperas Plana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4990508/publications.pdf

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32	716	623574	552653
papers	citations	14 h-index	26 g-index

33	33	33	764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibacterial Hydrogels Derived from Poly(Î³-glutamic acid) Nanofibers. Gels, 2022, 8, 120.	2.1	8
2	Nanotheranostic Interface Based on Antibioticâ€Loaded Conducting Polymer Nanoparticles for Realâ€Time Monitoring of Bacterial Growth Inhibition. Advanced Healthcare Materials, 2021, 10, e2001636.	3.9	10
3	The influence of Ni²⁺ and other ions on the trigonal structure of DNA. Biopolymers, 2021, 112, e23397.	1.2	2
4	Conducting polymer nanoparticles for a voltage-controlled release of pharmacological chaperones. Soft Matter, 2021, 17, 3314-3321.	1.2	2
5	Scaffolds for Sustained Release of Ambroxol Hydrochloride, a Pharmacological Chaperone That Increases the Activity of Misfolded Î²â€Glucocerebrosidase. Macromolecular Bioscience, 2019, 19, 1900130.	2.1	4
6	Paternal contribution to development: Sperm genetic damage and repair in fish. Aquaculture, 2017, 472, 45-59.	1.7	45
7	Functional and structural analysis of AT-specific minor groove binders that disrupt DNAâ€“protein interactions and cause disintegration of the Trypanosoma brucei kinetoplast. Nucleic Acids Research, 2017, 45, 8378-8391.	6.5	28
8	Spermiogenesis and biflagellate spermatozoon of the teleost fish Lampanyctus crocodilus (Myctophiformes, Myctophidae): ultrastructure and characterisation of its sperm basic nuclear proteins. Cell and Tissue Research, 2015, 361, 619-632.	1.5	7
9	Two high-mobility group box domains act together to underwind and kink DNA. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1423-1432.	2.5	50
10	Sperm Nuclear Basic Proteins of Tunicates and the Origin of Protamines. Biological Bulletin, 2013, 224, 127-136.	0.7	7
11	Crystal Structure of a Complex of DNA with One AT-Hook of HMGA1. PLoS ONE, 2012, 7, e37120.	1.1	49
12	Proteolytic Enzymes in Detergents: Evidence of Their Presence through Activity Measurements Based on Electrophoresis. Journal of Chemical Education, 2011, 88, 1702-1706.	1.1	10
13	Complex chromatin condensation patterns and nuclear protein transitions during spermiogenesis: Examples from mollusks. Tissue and Cell, 2011, 43, 367-376.	1.0	13
14	Spermiogenic nuclear protein transitions and chromatin condensation. Proposal for an ancestral model of nuclear spermiogenesis. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2009, 312B, 149-163.	0.6	36
15	The Sperm Proteins from Amphioxus Mirror Its Basal Position among Chordates and Redefine the Origin of Vertebrate Protamines. Molecular Biology and Evolution, 2008, 25, 1705-1713.	3.5	10
16	A unique vertebrate histone H1-related protamine-like protein results in an unusual sperm chromatin organization. FEBS Journal, 2006, 273, 4548-4561.	2.2	26
17	Analysis of the stability and function of nucleoplasmin through cysteine mutants. Archives of Biochemistry and Biophysics, 2005, 437, 205-214.	1.4	5
18	Histone H1 and the origin of protamines. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4148-4152.	3.3	84

#	Article	IF	Citations
19	Chromatin organization during spermiogenesis inOctopus vulgaris. I: Morphological structures. Molecular Reproduction and Development, 2004, 68, 223-231.	1.0	10
20	Mutation of the small acidic tract A1 drastically reduces nucleoplasmin activity. FEBS Letters, 2004, 576, 353-357.	1.3	20
21	Interaction of Nucleoplasmin with Core Histones. Journal of Biological Chemistry, 2003, 278, 31319-31324.	1.6	50
22	Nucleoplasmin Interaction with Protamines. Involvement of the Polyglutamic Tractâ€. Biochemistry, 2002, 41, 7802-7810.	1.2	27
23	Physicochemical and Functional Comparison ofXenopus laevisNucleoplasmin Obtained from Oocytes and from Overexpression in Bacteria. Archives of Biochemistry and Biophysics, 1999, 361, 135-141.	1.4	14
24	Primary Structure of Scombrine Î±: Two Different Species with an Identical Protamine. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 145-149.	0.7	3
25	Sperm Nuclear Basic Proteins (SNBPs) of Agnathans and Chondrichthyans: Variability and Evolution of Sperm Proteins in Fish. Journal of Molecular Evolution, 1997, 44, 422-431.	0.8	27
26	The primary structure of a chondrichthyan protamine: A new apparent contradiction in protamine evolution. Journal of Molecular Evolution, 1996, 43, 528-535.	0.8	11
27	Chromosomal Proteins of the Sperm of a Cephalochordate (Branchiostoma floridae) and an Agnathan (Petromyzon marinus): Compositional Variability of the Nuclear Sperm Proteins of Deuterostomes. Biological Bulletin, 1994, 186, 101-114.	0.7	13
28	On the evolution of protamines in bony Fish: Alternatives to the ?Retroviral horizontal transmission? hypothesis. Journal of Molecular Evolution, 1994, 39, 282-295.	0.8	60
29	Differences in chromatin condensation during spermiogenesis in two species of fish with distinct protamines. The Journal of Experimental Zoology, 1993, 265, 185-194.	1.4	43
30	Sporadic appearance of histones, histone-like proteins, and protamines in sperm chromatin of bony fish. The Journal of Experimental Zoology, 1993, 265, 575-586.	1.4	22
31	Sperm-Specific Basic Proteins in the Holocephalan Fish Hydrolagus colliei (Chondrichthyes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 185, 186-196.	0.7	9
32	Purification and characterization of the protamines and related proteins from the sperm of a tunicate, Styela plicata. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1992, 103, 969-974.	0.2	11