Nikolas Nikolaidis

List of Publications by Year
in descending order

44 papers	2,267 citations	279798 23 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	3072 citing authors

#	Article	IF	Citations
1	Control of Cell Proliferation and Apoptosis by Mob as Tumor Suppressor, Mats. Cell, 2005, 120, 675-685.	28.9	512
2	Crystal structure and activity of Bacillus subtilis YoaJ (EXLX1), a bacterial expansin that promotes root colonization. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16876-16881.	7.1	175
3	MHC, TSP, and the Origin of Species: From Immunogenetics to Evolutionary Genetics. Annual Review of Genetics, 2007, 41, 281-304.	7.6	158
4	Rise and dissemination of aminoglycoside resistance: the aac(6â€²)-Ib paradigm. Frontiers in Microbiology, 2013, 4, 121.	3.5	133
5	Structure-Function Analysis of the Bacterial Expansin EXLX1. Journal of Biological Chemistry, 2011, 286, 16814-16823.	3.4	107
6	Phospholipase C-Î³: diverse roles in receptor-mediated calcium signaling. Trends in Biochemical Sciences, 2005, 30, 688-697.	7.5	105
7	Plant Expansins in Bacteria and Fungi: Evolution by Horizontal Gene Transfer and Independent Domain Fusion. Molecular Biology and Evolution, 2014, 31, 376-386.	8.9	95
8	Bacterial expansins and related proteins from the world of microbes. Applied Microbiology and Biotechnology, 2015, 99, 3807-3823.	3.6	95
9	Concerted and Nonconcerted Evolution of the Hsp70 Gene Superfamily in Two Sibling Species of Nematodes. Molecular Biology and Evolution, 2004, 21, 498-505.	8.9	67
10	Biochemical analysis of expansin-like proteins from microbes. Carbohydrate Polymers, 2014, 100, 17-23.	10.2	66
11	Origins and Evolution of the Formin Multigene Family That Is Involved in the Formation of Actin Filaments. Molecular Biology and Evolution, 2008, 25, 2717-2733.	8.9	65
12	Evolutionary redefinition of immunoglobulin light chain isotypes in tetrapods using molecular markers. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16647-16652.	7.1	54
13	The descent of the antibody-based immune system by gradual evolution. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 169-174.	7.1	43
14	Hybridization Capture Reveals Evolution and Conservation across the Entire Koala Retrovirus Genome. PLoS ONE, 2014, 9, e95633.	2.5	42
15	Origin and evolution of the Ig-like domains present in mammalian leukocyte receptors: insights from chicken, frog, and fish homologues. Immunogenetics, 2005, 57, 151-157.	2.4	36
16	Origin and evolution of the chicken leukocyte receptor complex. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4057-4062.	7.1	36
17	Identification of Several Cytoplasmic HSP70 Genes from the Mediterranean Mussel (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Evolution, 2006, 62, 446-459.	1.8	34
18	Functional Diversification and Specialization of Cytosolic 70-kDa Heat Shock Proteins. Scientific Reports, 2015, 5, 9363.	3.3	32

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19	Analysis of the Immunoglobulin Light Chain Genes in Zebra Finch: Evolutionary Implications. Molecular Biology and Evolution, 2010, 27, 113-120.	8.9	30
20	Human Pleural Fluid Elicits Pyruvate and Phenylalanine Metabolism in Acinetobacter baumannii to Enhance Cytotoxicity and Immune Evasion. Frontiers in Microbiology, 2019, 10, 1581.	3.5	30
21	Evolutionary Genomics of Immunoglobulin-Encoding Loci in Vertebrates. Current Genomics, 2012, 13, 95-102.	1.6	29
22	Comparative Genomics and Evolution of the Alpha-Defensin Multigene Family in Primates. Molecular Biology and Evolution, 2010, 27, 2333-2343.	8.9	28
23	Identification of Potential Virulence Factors in the Model Strain Acinetobacter baumannii A118. Frontiers in Microbiology, 2019, 10, 1599.	3.5	28
24	TRP_2, a Lipid/Trafficking Domain That Mediates Diacylglycerol-induced Vesicle Fusion. Journal of Biological Chemistry, 2008, 283, 34384-34392.	3.4	26
25	Cardiomyocyte KrÃ¼ppel-Like Factor 5 Promotes De Novo Ceramide Biosynthesis and Contributes to Eccentric Remodeling in Ischemic Cardiomyopathy. Circulation, 2021, 143, 1139-1156.	1.6	26
26	Biochemical characterization of the interaction between HspA1A and phospholipids. Cell Stress and Chaperones, 2016, 21, 41-53.	2.9	25
27	The hsp70 locus of Drosophila auraria (montium subgroup) is single and contains copies in a conserved arrangement. Chromosoma, 1998, 107, 577-586.	2.2	23
28	Concurrent action of purifying selection and gene conversion results in extreme conservation of the major stress-inducible Hsp70 genes in mammals. Scientific Reports, 2018, 8, 5082.	3.3	22
29	Genomic organization and evolution of immunoglobulin kappa gene enhancers and kappa deleting element in mammals. Molecular Immunology, 2009, 46, 3171-3177.	2.2	20
30	Membrane Localization of HspA1A, a Stress Inducible 70-kDa Heat-Shock Protein, Depends on Its Interaction with Intracellular Phosphatidylserine. Biomolecules, 2019, 9, 152.	4.0	17
31	Sequence variation of koala retrovirus transmembrane protein p15E among koalas from different geographic regions. Virology, 2015, 475, 28-36.	2.4	16
32	Ancient Origin of the New Developmental Superfamily DANGER. PLoS ONE, 2007, 2, e204.	2.5	16
33	HspA1A, a 70-kDa heat shock protein, differentially interacts with anionic lipids. Biochemical and Biophysical Research Communications, 2015, 467, 835-840.	2.1	15
34	Characterization of the binding between a 70-kDa heat shock protein, HspA1A, and phosphoinositides. Biochemical and Biophysical Research Communications, 2016, 472, 270-275.	2.1	11
35	Organization, alternative splicing, polymorphism, and phylogenetic position of lamprey CD45 gene. Immunogenetics, 2005, 57, 607-617.	2.4	10
36	Functional characterization of natural variants found on the major stress inducible 70-kDa heat shock gene, HSPA1A, in humans. Biochemical and Biophysical Research Communications, 2018, 506, 799-804.	2.1	9

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37	Comparative Genomics and Evolution of Immunoglobulin-Encoding Loci in Tetrapods. Advances in Immunology, 2011, 111, 143-178.	2.2	7
38	Polymorphisms of the Toll-Like Receptor 2 of Goats (Capra hircus) may be Associated with Somatic Cell Count in Milk. Animal Biotechnology, 2017, 28, 112-119.	1.5	7
39	Characterization of the Relationship between the Chaperone and Lipid-Binding Functions of the 70-kDa Heat-Shock Protein, HspA1A. International Journal of Molecular Sciences, 2020, 21, 5995.	4.1	6
40	Origin and Evolution of the Multifaceted Adherens Junction Component Plekha7. Frontiers in Cell and Developmental Biology, 2022, 10, 856975.	3.7	5
41	Origin and Evolution of the Human Bcl2-Associated Athanogene-1 (BAG-1). International Journal of Molecular Sciences, 2020, 21, 9701.	4.1	4
42	Phosphatidylinositol Monophosphates Regulate the Membrane Localization of HSPA1A, a Stress-Inducible 70-kDa Heat Shock Protein. Biomolecules, 2022, 12, 856.	4.0	2
43	The interaction of Hsp70s and lipids is conserved from bacteria to humans. FASEB Journal, 2013, 27, 1021.10.	0.5	0
44	Membrane localization of HspA1A, a stress inducible 70â€kDa heat shock protein, is mediated by the lipid phosphatidylserine. FASEB Journal, 2018, 32, 815.9.	0.5	0