

Sergios-orestis Kolokotronis

List of Publications by Year in descending order

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84
papers

3,959
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132226

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128908

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100
docs citations

100
times ranked

7831
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge, Attitudes and Practices About Zika Virus Infection Among Women of Reproductive Age in Central Brooklyn, New York City, USA. <i>Journal of Community Health</i> , 2024, 49, 78-85.	3.9	0
2	Structural evolution of an immune evasion determinant shapes pathogen host tropism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.6	6
3	Host adaptation drives genetic diversity in a vector-borne disease system. <i>PNAS Nexus</i> , 2023, 2, .	2.6	9
4	Cellular and immunological mechanisms influence host-adapted phenotypes in a vector-borne microparasite. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212087.	2.8	11
5	High-quality YIG films preparation by metallo-organic decomposition and their use to fabricate spintronics nanostructures by focused ion beam. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 2389-2396.	3.1	3
6	Drought legacy effects on root morphological traits and plant biomass via soil biota feedback. <i>New Phytologist</i> , 2022, 236, 222-234.	7.8	18
7	Phylogenomic Diversity Elucidates Mechanistic Insights into Lyme Borreliae-Host Association. <i>MSystems</i> , 2022, 7, .	4.1	6
8	Learning how a tree branches out: A statistical modeling approach. <i>PLoS ONE</i> , 2022, 17, e0274168.	2.5	0
9	Using fisherâ€™s contributed secondary fins to fill critical sharkâ€™s fisheries data gaps. <i>Conservation Biology</i> , 2021, 35, 991-1001.	4.7	9
10	Non-commutative analogues of weak compactness criteria in symmetric spaces. <i>Advances in Operator Theory</i> , 2021, 6, 1.	0.6	0
11	Building surveying: an introduction. , 2021, , 1-10.		1
12	Case Report: Long-Term Survival of a Pediatric Patient With an Intra-Abdominal Undifferentiated Carcinoma of Unknown Primary. <i>Frontiers in Oncology</i> , 2021, 11, 590913.	2.9	0
13	Zusanli (ST36) Acupoint Injection With Dexamethasone for Chemotherapy-Induced Myelosuppression: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 684129.	2.9	1
14	Host tropism determination by convergent evolution of immunological evasion in the Lyme disease system. <i>PLoS Pathogens</i> , 2021, 17, e1009801.	4.1	21
15	BS-Net: Learning COVID-19 pneumonia severity on a large chest X-ray dataset. <i>Medical Image Analysis</i> , 2021, 71, 102046.	11.8	96
16	Within-trial cost-effectiveness of lifestyle intervention using a 3-tier shared care approach for pregnancy outcomes in Chinese women with gestational diabetes. <i>PLoS ONE</i> , 2020, 15, e0237738.	2.5	2
17	Genomic Epidemiology of Vancomycin-Resistant <i>Enterococcus faecium</i> (VREfm) in Latin America: Revisiting The Global VRE Population Structure. <i>Scientific Reports</i> , 2020, 10, 5636.	3.4	42
18	Dynamically evolving novel overlapping gene as a factor in the SARS-CoV-2 pandemic. <i>ELife</i> , 2020, 9, .	5.9	82

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19	Pre-detection history of extensively drug-resistant tuberculosis in KwaZulu-Natal, South Africa. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23284-23291.	7.6	24
20	Outer surface protein polymorphisms linked to hostâ€špirochete association in Lyme borreliæ. Molecular Microbiology, 2019, 111, 868-882.	2.5	39
21	Population trends for humpback whales (<scp><i>Megaptera novaeangliae</i></scp>) foraging in the Francisco Coloane Coastalâ€šMarine Protected Area, Magellan Strait, Chile. Marine Mammal Science, 2019, 35, 1212-1231.	1.7	9
22	Local Diversification of Methicillin- Resistant Staphylococcus aureus ST239 in South America After Its Rapid Worldwide Dissemination. Frontiers in Microbiology, 2019, 10, 82.	3.6	22
23	Biodegradability study of Egeria densa biomass using acid and basic pre-treatments for use in bioprocessing of energy products. Bioresource Technology Reports, 2019, 6, 279-284.	2.8	5
24	Whole genome sequencing identifies bacterial factors affecting transmission of multidrug-resistant tuberculosis in a high-prevalence setting. Scientific Reports, 2019, 9, 5602.	3.4	28
25	Transient influence of blood meal and natural environment on blacklegged tick bacterial communities. Ticks and Tick-borne Diseases, 2018, 9, 563-572.	2.8	43
26	Historical mitochondrial diversity in African leopards (<i>Panthera pardus</i>) revealed by archival museum specimens. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 455-473.	0.6	18
27	1232. Phylogenomics of Enterococcus faecium From South America: Revisiting Worldwide VRE Population Structure. Open Forum Infectious Diseases, 2018, 5, S374-S374.	0.9	0
28	Selective constraint and adaptive potential of West Nile virus within and among naturally infected avian hosts and mosquito vectors. Virus Evolution, 2018, 4, vey013.	4.9	13
29	Genetic identification of mammalian meal source in dung beetle gut contents. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 612-615.	0.6	14
30	Combining genetic and distributional approaches to sourcing introduced species: a case study on the Nile monitor (<i>Varanus niloticus</i>) in Florida. Royal Society Open Science, 2016, 3, 150619.	2.5	5
31	Microbiome changes through ontogeny of a tick pathogen vector. Molecular Ecology, 2016, 25, 4963-4977.	3.6	145
32	Bats, Primates, and the Evolutionary Origins and Diversification of Mammalian Gammaherpesviruses. MBio, 2016, 7, .	4.4	34
33	Genomic epidemiology of Lineage 4 Mycobacterium tuberculosis subpopulations in New York City and New Jersey, 1999â€š2009. BMC Genomics, 2016, 17, 947.	2.9	13
34	Clusterflock: a flocking algorithm for isolating congruent phylogenomic datasets. GigaScience, 2016, 5, 44.	6.8	7
35	Episodic Diversifying Selection Shaped the Genomes of Gibbon Ape Leukemia Virus and Related Gammaretroviruses. Journal of Virology, 2016, 90, 1757-1772.	3.5	8
36	Genome assembly and geospatial phylogenomics of the bed bug Cimex lectularius. Nature Communications, 2016, 7, 10164.	13.2	83

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37	Molecular data from contemporary and historical collections reveal a complex story of cryptic diversification in the Varanus (Polydaedalus) niloticus Species Group. Molecular Phylogenetics and Evolution, 2016, 94, 591-604.	2.9	21
38	Modern Methods for Delineating Metagenomic Complexity. Cell Systems, 2015, 1, 6-7.	6.2	22
39	Evolutionary Analyses and Natural Selection of Betaine-Homocysteine S-Methyltransferase (BHMT) and BHMT2 Genes. PLoS ONE, 2015, 10, e0134084.	2.5	13
40	No Observed Effect of Landscape Fragmentation on Pathogen Infection Prevalence in Blacklegged Ticks (Ixodes scapularis) in the Northeastern United States. PLoS ONE, 2015, 10, e0139473.	2.5	18
41	Parallel Epidemics of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Infection in North and South America. Journal of Infectious Diseases, 2015, 212, 1874-1882.	3.9	115
42	Geospatial Resolution of Human and Bacterial Diversity with City-Scale Metagenomics. Cell Systems, 2015, 1, 72-87.	6.2	252
43	Changes in the Mitogenome Announcement manuscript category. Mitochondrial DNA, 2015, 26, 1-1.	0.8	24
44	Evolution of the indoor biome. Trends in Ecology and Evolution, 2015, 30, 223-232.	8.8	80
45	Geospatial Resolution of Human and Bacterial Diversity with City-Scale Metagenomics. Cell Systems, 2015, 1, 97-97.e3.	6.2	43
46	To beat or not to beat a tick: comparison of DNA extraction methods for ticks (<i>Ixodes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	2.0	45
47	Mycobacterial Phylogenomics: An Enhanced Method for Gene Turnover Analysis Reveals Uneven Levels of Gene Gain and Loss among Species and Gene Families. Genome Biology and Evolution, 2014, 6, 1454-1465.	2.6	15
48	Evolution of hypervirulence by a <i>MRSA</i> clone through acquisition of a transposable element. Molecular Microbiology, 2014, 93, 664-681.	2.5	96
49	Negative Purifying Selection Drives Prion and Doppel Protein Evolution. Journal of Molecular Evolution, 2014, 79, 12-20.	1.9	6
50	In the Wake of Invasion: Tracing the Historical Biogeography of the South American Cricetid Radiation (Rodentia, Sigmodontinae). PLoS ONE, 2014, 9, e100687.	2.5	76
51	Association between Influenza-like Illnesses and Social Determinants of Health by Census Tract in Houston/Harris County. Online Journal of Public Health Informatics, 2014, 6, .	0.8	0
52	Integrating multiple lines of evidence to better understand the evolutionary divergence of humpback dolphins along their entire distribution range: a new dolphin species in Australian waters?. Molecular Ecology, 2013, 22, 5936-5948.	3.6	67
53	Material balance of melts in the Consteel 120-t arc furnace at OAO Ashinskii Metallurgicheskii Zavod. Steel in Translation, 2013, 43, 374-378.	0.3	0
54	Emergence of the Epidemic Methicillin-Resistant <i>Staphylococcus aureus</i> Strain USA300 Coincides with Horizontal Transfer of the Arginine Catabolic Mobile Element and <i>speG</i> -mediated Adaptations for Survival on Skin. MBio, 2013, 4, e00889-13.	4.4	116

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55	Random Addition Concatenation Analysis: A Novel Approach to the Exploration of Phylogenomic Signal Reveals Strong Agreement between Core and Shell Genomic Partitions in the Cyanobacteria. <i>Genome Biology and Evolution</i> , 2012, 4, 30-43.	2.6	35
56	Zoonotic Viruses Associated with Illegally Imported Wildlife Products. <i>PLoS ONE</i> , 2012, 7, e29505.	2.5	126
57	Testing the Effectiveness of an International Conservation Agreement: Marketplace Forensics and CITES Caviar Trade Regulation. <i>PLoS ONE</i> , 2012, 7, e40907.	2.5	48
58	Molecular Surveillance of Low Pathogenic Avian Influenza Viruses in Wild Birds across the United States: Inferences from the Hemagglutinin Gene. <i>PLoS ONE</i> , 2012, 7, e50834.	2.5	30
59	The Fish Barcode of Life (FISH-BOL) special issue. <i>Mitochondrial DNA</i> , 2011, 22, 1-2.	0.8	13
60	Bayesian Estimation of Substitution Rates from Ancient DNA Sequences with Low Information Content. <i>Systematic Biology</i> , 2011, 60, 366-375.	6.0	75
61	Reconciling Apparent Conflicts between Mitochondrial and Nuclear Phylogenies in African Elephants. <i>PLoS ONE</i> , 2011, 6, e20642.	2.5	46
62	A Functional Phylogenomic View of the Seed Plants. <i>PLoS Genetics</i> , 2011, 7, e1002411.	3.4	135
63	Modeling the eradication of invasive mammals using the sterile male technique. <i>Biological Invasions</i> , 2010, 12, 751-759.	2.4	6
64	Barcoding bushmeat: molecular identification of Central African and South American harvested vertebrates. <i>Conservation Genetics</i> , 2010, 11, 1389-1404.	1.5	118
65	Evolutionary dynamics of endogenous feline leukemia virus proliferation among species of the domestic cat lineage. <i>Virology</i> , 2010, 405, 397-407.	2.5	38
66	DNA barcodes reveal species-specific mercury levels in tuna sushi that pose a health risk to consumers. <i>Biology Letters</i> , 2010, 6, 692-695.	2.4	87
67	Genetic variation in avocado stem weevils <i>Copturus aguacatae</i> (Coleoptera: Curculionidae) in Mexico. <i>Mitochondrial DNA</i> , 2010, 21, 38-43.	0.8	8
68	Decisions about restorative dental treatment among dentists attending a postgraduate continuing professional development course. <i>British Dental Journal</i> , 2010, 209, 455-459.	1.0	4
69	The MexBOL initiative. <i>Mitochondrial DNA</i> , 2010, 21, 1-2.	0.8	2
70	The Impact of Outgroup Choice and Missing Data on Major Seed Plant Phylogenetics Using Genome-Wide EST Data. <i>PLoS ONE</i> , 2009, 4, e5764.	2.5	57
71	The Diploblast-Bilateria sister hypothesis. <i>Communicative and Integrative Biology</i> , 2009, 2, 403-405.	1.5	24
72	The Real maccoyii: Identifying Tuna Sushi with DNA Barcodes – Contrasting Characteristic Attributes and Genetic Distances. <i>PLoS ONE</i> , 2009, 4, e7866.	2.5	149

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73	Concatenated Analysis Sheds Light on Early Metazoan Evolution and Fuels a Modern "Urmetazoon" Hypothesis. PLoS Biology, 2009, 7, e1000020.	5.4	238
74	Genetic variation at hair length candidate genes in elephants and the extinct woolly mammoth. BMC Evolutionary Biology, 2009, 9, 232.	3.1	18
75	Wild Bird's-eye View of Influenza Virus A(H1N1) Phylogenetic Evolution. EcoHealth, 2009, 6, 346-350.	2.0	2
76	Phylogenetic and evolutionary analyses of St. Louis encephalitis virus genomes. Molecular Phylogenetics and Evolution, 2008, 47, 717-728.	2.9	33
77	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. BMC Evolutionary Biology, 2008, 8, 220.	3.1	263
78	Historical Mammal Extinction on Christmas Island (Indian Ocean) Correlates with Introduced Infectious Disease. PLoS ONE, 2008, 3, e3602.	2.5	201
79	Elevated substitution rates estimated from ancient DNA sequences. Biology Letters, 2007, 3, 702-705.	2.4	87
80	Detection of mitochondrial insertions in the nucleus (NuMts) of Pleistocene and modern muskoxen. BMC Evolutionary Biology, 2007, 7, 67.	3.1	20
81	Effects of male sterility on reproductive traits in gynodioecious plants: a meta-analysis. Oecologia, 2003, 135, 1-9.	2.1	162
82	MTT assay as a viability test of homograft valves. Indian Journal of Thoracic and Cardiovascular Surgery, 1995, 11, 38-41.	0.6	1
83	Path integral for particles of spin zero and 1/2 in the field of an electromagnetic plane wave. Physica Scripta, 1992, 46, 289-294.	2.5	21
84	Zika Virus Infection Knowledge and Communication Preferences Among Women of Reproductive Age in Central Brooklyn, New York: A Thematic Analysis. Journal of Community Health, 0, , .	3.9	0