Jason Munshi-South

List of Publications by Year
in descending order

62 papers	3,257 citations	218381 26 h-index	168136 53 g-index
74 all docs	74 docs citations	74 times ranked	3887 citing authors

#	Article	IF	Citations
1	Evolution of life in urban environments. Science, 2017, 358, .	6.0	609
2	Life history, ecology and longevity in bats. Aging Cell, 2002, 1, 124-131.	3.0	340
3	Bats and birds: Exceptional longevity despite high metabolic rates. Ageing Research Reviews, 2010, 9, 12-19.	5.0	174
4	A roadmap for urban evolutionary ecology. Evolutionary Applications, 2019, 12, 384-398.	1.5	161
5	Gene flow and genetic drift in urban environments. Molecular Ecology, 2019, 28, 4138-4151.	2.0	131
6	Urban landscape genetics: canopy cover predicts gene flow between whiteâ€footed mouse (Peromyscus leucopus) populations in New York City. Molecular Ecology, 2012, 21, 1360-1378.	2.0	125
7	Global population divergence and admixture of the brown rat (Rattus norvegicus). Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161762.	1.2	119
8	Population genomics of the Anthropocene: urbanization is negatively associated with genomeâ€wide variation in whiteâ€footed mouse populations. Evolutionary Applications, 2016, 9, 546-564.	1.5	95
9	Rapid, pervasive genetic differentiation of urban white-footed mouse (Peromyscus leucopus) populations in New York City. Molecular Ecology, 2010, 19, 4242-4254.	2.0	90
10	Socioâ€ecoâ€evolutionary dynamics in cities. Evolutionary Applications, 2021, 14, 248-267.	1.5	86
11	Spatial population genomics of the brown rat (Rattus norvegicus) in New York City. Molecular Ecology, 2018, 27, 83-98.	2.0	81
12	The Complexity of Urban Eco-evolutionary Dynamics. BioScience, 2020, 70, 772-793.	2.2	79
13	Evolution of the indoor biome. Trends in Ecology and Evolution, 2015, 30, 223-232.	4.2	75
14	Signatures of Rapid Evolution in Urban and Rural Transcriptomes of White-Footed Mice (Peromyscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	68
15	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	6.0	62
16	Signatures of positive selection and local adaptation to urbanization in whiteâ€footed mice (Peromyscus leucopus). Molecular Ecology, 2017, 26, 6336-6350.	2.0	61
17	Urban ecology: advancing science and society. Frontiers in Ecology and the Environment, 2014, 12, 574-581.	1.9	60
18	Transcriptome resources for the whiteâ€footed mouse (Peromyscus leucopus): new genomic tools for investigating ecologically divergent urban and rural populations. Molecular Ecology Resources, 2015, 15, 382-394.	2.2	52

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19	Trends in urban rat ecology: a framework to define the prevailing knowledge gaps and incentives for academia, pest management professionals (PMPs) and public health agencies to participate. Journal of Urban Ecology, 2017, 3, .	0.6	52
20	Urban rat races: spatial population genomics of brown rats (Rattus norvegicus) compared across multiple cities. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180245.	1.2	48
21	Physiological indicators of stress in African forest elephants (Loxodonta africana cyclotis) in relation to petroleum operations in Gabon, Central Africa. Diversity and Distributions, 2008, 14, 995-1003.	1.9	45
22	Genomewide <scp>SNP</scp> data reveal cryptic phylogeographic structure and microallopatric divergence in a rapidsâ€adapted clade of cichlids from the Congo River. Molecular Ecology, 2017, 26, 1401-1419.	2.0	38
23	Temporal and Space-Use Changes by Rats in Response to Predation by Feral Cats in an Urban Ecosystem. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	37
24	Diet Influences Life Span in Parrots (Psittaciformes). Auk, 2006, 123, 108-118.	0.7	35
25	Conservation genetics of extremely isolated urban populations of the northern dusky salamander (Desmognathus fuscus) in New York City. PeerJ, 2013, 1, e64.	0.9	33
26	Extra-pair paternity and the evolution of testis size in a behaviorally monogamous tropical mammal, the large treeshrew (Tupaia tana). Behavioral Ecology and Sociobiology, 2007, 62, 201-212.	0.6	32
27	DIET INFLUENCES LIFE SPAN IN PARROTS (PSITTACIFORMES). Auk, 2006, 123, 108.	0.7	27
28	Commensal Rats and Humans: Integrating Rodent Phylogeography and Zooarchaeology to Highlight Connections between Human Societies. BioEssays, 2020, 42, e1900160.	1.2	26
29	Urban park characteristics, genetic variation, and historical demography of white-footed mouse (Peromyscus leucopus) populations in New York City. PeerJ, 2014, 2, e310.	0.9	26
30	Widespread genetic connectivity of feral pigeons across the Northeastern megacity. Evolutionary Applications, 2021, 14, 150-162.	1.5	25
31	Urbanization shapes the demographic history of a native rodent (the white-footed mouse,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	24
32	Brown rat demography reveals pre-commensal structure in eastern Asia before expansion into Southeast Asia. Genome Research, 2019, 29, 762-770.	2.4	24
33	Urbanization reduces gene flow but not genetic diversity of stream salamander populations in the New York City metropolitan area. Evolutionary Applications, 2021, 14, 99-116.	1.5	21
34	Go forth, evolve and prosper: the genetic basis of adaptive evolution in an invasive species. Molecular Ecology, 2014, 23, 2137-2140.	2.0	20
35	Relatedness and Demography of African Forest Elephants: Inferences from Noninvasive Fecal DNA Analyses. Journal of Heredity, 2011, 102, 391-398.	1.0	16
36	Urban Landscape Genetics: Are Biologists Keeping Up with the Pace of Urbanization?. Current Landscape Ecology Reports, 2021, 6, 35-45.	1.1	16

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37	Behavioral Monogamy and Fruit Aavailability in the Large Treeshrew (Tupaia tana) in Sabah, Malaysia. Journal of Mammalogy, 2007, 88, 1427-1438.	0.6	15
38	Genetics of urban colonization: neutral and adaptive variation in coyotes (Canis latrans) inhabiting the New York metropolitan area. Journal of Urban Ecology, 2019, 5, .	0.6	14
39	Dispersal ability predicts spatial genetic structure in native mammals persisting across an urbanization gradient. Evolutionary Applications, 2021, 14, 163-177.	1.5	14
40	Variation in brown rat cranial shape shows directional selection over 120Âyears in New York City. Ecology and Evolution, 2020, 10, 4739-4748.	0.8	13
41	Genetic Adaptation in New York City Rats. Genome Biology and Evolution, 2021, 13, .	1.1	13
42	Genetic Diversity and Distinctiveness of the Proboscis Monkeys (Nasalis larvatus) of the Klias Peninsula, Sabah, Malaysia. Journal of Heredity, 2011, 102, 342-346.	1.0	12
43	Genomic analyses identify multiple Asian origins and deeply diverged mitochondrial clades in inbred brown rats (Rattus norvegicus). Evolutionary Applications, 2018, 11, 718-726.	1.5	12
44	Genomic analyses reveal three independent introductions of the invasive brown rat (Rattus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.2	12
45	Interferon signaling in Peromyscus leucopus confers a potent and specific restriction to vector-borne flaviviruses. PLoS ONE, 2017, 12, e0179781.	1.1	12
46	Morphological Differentiation in White-Footed Mouse (Mammalia: Rodentia: Cricetidae: Peromyscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Natural History, 2017, 58, 3.	0.6	11
47	Peromyscus transcriptomics: Understanding adaptation and gene expression plasticity within and between species of deer mice. Seminars in Cell and Developmental Biology, 2017, 61, 131-139.	2.3	11
48	Using genetic relatedness to understand heterogeneous distributions of urban ratâ€associated pathogens. Evolutionary Applications, 2021, 14, 198-209.	1.5	11
49	Female-Biased Dispersal and Gene Flow in a Behaviorally Monogamous Mammal, the Large Treeshrew (Tupaia tana). PLoS ONE, 2008, 3, e3228.	1.1	11
50	Genetic diversity and relatedness of a recently established population of eastern coyotes (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.1	9
51	Adaptation Genomics in Urban Environments. , 2020, , 74-90.		9
52	Differential responses by urban brown rats (Rattus norvegicus) toward male or female-produced scents in sheltered and high-risk presentations. Journal of Urban Ecology, 2019, 5, .	0.6	8
53	Urban forests sustain diverse carrion beetle assemblages in the New York City metropolitan area. PeerJ, 2017, 5, e3088.	0.9	8
54	A Theory of City Biogeography and the Origin of Urban Species. Frontiers in Conservation Science, 2022, 3, .	0.9	7

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55	Effects of Research and Mentoring on Underrepresented Youthsâ€™ STEM Persistence Into College. Journal of Experiential Education, 2022, 45, 316-336.	0.6	6
56	Isolation and characterization of polymorphic microsatellite loci in Bornean treeshrews (Tupaia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.7	5
57	Pre-college urban ecology research mentoring: promoting broader participation in the field of ecology for an urban future. Journal of Urban Ecology, 2018, 4, .	0.6	5
58	Global origins of invasive brown rats (Rattus norvegicus) in the Haida Gwaii archipelago. Biological Invasions, 2021, 23, 611-623.	1.2	5
59	Colugo: The Flying Lemur of South-East Asia. Journal of Mammalogy, 2008, 89, 518-518.	0.6	1
60	Monogamy: Mating Strategies and Partnerships in Birds, Humans and Other Mammals. Journal of Mammalogy, 2004, 85, 1030-1031.	0.6	0
61	Exome sequencing of deer mice on two California Channel Islands identifies potential adaptation to strongly contrasting ecological conditions. Ecology and Evolution, 2021, 11, 17191-17201.	0.8	0
62	Impacts of a Near-Peer Urban Ecology Research Mentoring Program on Undergraduate Mentors. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	0