

Jean-François Lemaître

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,975
citations

257450

24
h-index

189892

50
g-index

77
all docs

77
docs citations

77
times ranked

2652
citing authors

#	ARTICLE	IF	CITATIONS
1	Decline in telomere length with increasing age across nonhuman vertebrates: A meta-analysis. <i>Molecular Ecology</i> , 2022, 31, 5917-5932.	3.9	33
2	DNA methylation as a tool to explore ageing in wild roe deer populations. <i>Molecular Ecology Resources</i> , 2022, 22, 1002-1015.	4.8	19
3	Sex-related differences in aging rate are associated with sex chromosome system in amphibians. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 346-356.	2.3	7
4	Sex chromosomes, sex ratios and sex gaps in longevity in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210219.	4.0	7
5	Telomeres, the loop tying cancer to organismal life histories. <i>Molecular Ecology</i> , 2022, 31, 6273-6285.	3.9	6
6	Cancer Susceptibility as a Cost of Reproduction and Contributor to Life History Evolution. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	6
7	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. <i>Science</i> , 2022, 376, 1459-1466.	12.6	34
8	Short-term telomere dynamics is associated with glucocorticoid levels in wild populations of roe deer. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 252, 110836.	1.8	9
9	Is degree of sociality associated with reproductive senescence? A comparative analysis across birds and mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190744.	4.0	17
10	Maternal effects shape offspring physiological condition but do not senesce in a wild mammal. <i>Journal of Evolutionary Biology</i> , 2021, 34, 661-670.	1.7	1
11	Evolution of large males is associated with female-skewed adult sex ratios in amniotes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1636-1649.	2.3	12
12	How much energetic tradeoffs limit selection? Insights from livestock and related laboratory model species. <i>Evolutionary Applications</i> , 2021, 14, 2726-2749.	3.1	8
13	Thermal conditions predict intraspecific variation in senescence rate in frogs and toads. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
14	Do Equids Live longer than Grazing Bovids?. <i>Journal of Mammalian Evolution</i> , 2020, 27, 809-816.	1.8	4
15	Eco-evolutionary perspectives of the dynamic relationships linking senescence and cancer. <i>Functional Ecology</i> , 2020, 34, 141-152.	3.6	14
16	Asynchrony of actuarial and reproductive senescence: a lesson from an indeterminate grower. <i>Biological Journal of the Linnean Society</i> , 2020, 131, 667-672.	1.6	3
17	The conundrum of human immune system "senescence". <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111357.	4.6	64
18	Female reproductive senescence across mammals: A high diversity of patterns modulated by life history and mating traits. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111377.	4.6	31

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19	Lack of consensus on an aging biology paradigm? A global survey reveals an agreement to disagree, and the need for an interdisciplinary framework. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111316.	4.6	67
20	Assessing the Diversity of the Form of Age-Specific Changes in Adult Mortality from Captive Mammalian Populations. <i>Diversity</i> , 2020, 12, 354.	1.7	7
21	The hidden ageing costs of sperm competition. <i>Ecology Letters</i> , 2020, 23, 1573-1588.	6.4	30
22	Sex differences in adult lifespan and aging rates of mortality across wild mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8546-8553.	7.1	170
23	Reproductive senescence and parental effects in an indeterminate grower. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1256-1264.	1.7	9
24	Pathogens Shape Sex Differences in Mammalian Aging. <i>Trends in Parasitology</i> , 2020, 36, 668-676.	3.3	10
25	An integrative view of senescence in nature. <i>Functional Ecology</i> , 2020, 34, 4-16.	3.6	45
26	Population position along the fast–slow life–history continuum predicts intraspecific variation in actuarial senescence. <i>Journal of Animal Ecology</i> , 2020, 89, 1069-1079.	2.8	14
27	No sex differences in adult telomere length across vertebrates: a meta-analysis. <i>Royal Society Open Science</i> , 2020, 7, 200548.	2.4	27
28	Old females rarely mate with old males in roe deer, <i>Capreolus capreolus</i> . <i>Biological Journal of the Linnean Society</i> , 2019, 128, 515-525.	1.6	3
29	Variation in actuarial senescence does not reflect life span variation across mammals. <i>PLoS Biology</i> , 2019, 17, e3000432.	5.6	27
30	The neutrophil to lymphocyte ratio indexes individual variation in the behavioural stress response of wild roe deer across fluctuating environmental conditions. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	13
31	Slow life-history strategies are associated with negligible actuarial senescence in western Palaearctic salamanders. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191498.	2.6	12
32	An aging phenotype in the wild. <i>Science</i> , 2019, 365, 1244-1245.	12.6	4
33	Performance of generation time approximations for extinction risk assessments. <i>Journal of Applied Ecology</i> , 2019, 56, 1436-1446.	4.0	20
34	Can postfertile life stages evolve as an anticancer mechanism?. <i>PLoS Biology</i> , 2019, 17, e3000565.	5.6	14
35	The diversity of population responses to environmental change. <i>Ecology Letters</i> , 2019, 22, 342-353.	6.4	52
36	Trade-Offs. , 2019, , 367-367.		1

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37	Senescence in the Wild: Theory and Physiology. , 2019, , .		0
38	Causes and consequences of variation in offspring body mass: meta-analyses in birds and mammals. <i>Biological Reviews</i> , 2018, 93, 1-27.	10.4	88
39	Maternal reproductive senescence shapes the fitness consequences of the parental age difference in ruffed lemurs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181479.	2.6	14
40	Sex gap in aging and longevity: can sex chromosomes play a role?. <i>Biology of Sex Differences</i> , 2018, 9, 33.	4.1	82
41	The influence of early-life allocation to antlers on male performance during adulthood: Evidence from contrasted populations of a large herbivore. <i>Journal of Animal Ecology</i> , 2018, 87, 921-932.	2.8	19
42	Early and Adult Social Environments Shape Sex-Specific Actuarial Senescence Patterns in a Cooperative Breeder. <i>American Naturalist</i> , 2018, 192, 525-536.	2.1	31
43	Senescence in Mammalian Life History Traits. , 2017, , 126-155.		20
44	High reproductive effort is associated with decreasing mortality late in life in captive ruffed lemurs. <i>American Journal of Primatology</i> , 2017, 79, e22677.	1.7	7
45	Reproductive senescence: new perspectives in the wild. <i>Biological Reviews</i> , 2017, 92, 2182-2199.	10.4	145
46	The cost of growing large: costs of post-weaning growth on body mass senescence in a wild mammal. <i>Oikos</i> , 2017, 126, 1329-1338.	2.7	44
47	The "Evo-Demo"™ Implications of Condition-Dependent Mortality. <i>Trends in Ecology and Evolution</i> , 2017, 32, 909-921.	8.7	21
48	The Williams' legacy: A critical reappraisal of his nine predictions about the evolution of senescence. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2768-2785.	2.3	90
49	Age-dependent associations between telomere length and environmental conditions in roe deer. <i>Biology Letters</i> , 2017, 13, 20170434.	2.3	35
50	Comparative analyses of longevity and senescence reveal variable survival benefits of living in zoos across mammals. <i>Scientific Reports</i> , 2016, 6, 36361.	3.3	134
51	Age-specific survival in the socially monogamous alpine marmot (<i>Marmota marmota</i>): evidence of senescence. <i>Journal of Mammalogy</i> , 2016, 97, 992-1000.	1.3	18
52	Does sexual selection shape sex differences in longevity and senescence patterns across vertebrates? A review and new insights from captive ruminants. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3123-3140.	2.3	70
53	Response to Packard: make sure we do not throw out the biological baby with the statistical bath water when performing allometric analyses. <i>Biology Letters</i> , 2015, 11, 20150144.	2.3	19
54	Does tooth wear influence ageing? A comparative study across large herbivores. <i>Experimental Gerontology</i> , 2015, 71, 48-55.	2.8	9

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55	Early and adult social environments have independent effects on individual fitness in a social vertebrate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151167.	2.6	16
56	Early-late life trade-offs and the evolution of ageing in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150209.	2.6	280
57	High Juvenile Mortality Is Associated with Sex-Specific Adult Survival and Lifespan in Wild Roe Deer. <i>Current Biology</i> , 2015, 25, 759-763.	3.9	46
58	How do animals optimize the size–number trade-off when aging? Insights from reproductive senescence patterns in marmots. <i>Ecology</i> , 2015, 96, 46-53.	3.2	22
59	Do pre- and post-copulatory sexually selected traits covary in large herbivores?. <i>BMC Evolutionary Biology</i> , 2014, 14, 79.	3.2	18
60	A test of the metabolic theory of ecology with two longevity data sets reveals no common cause of scaling in biological times. <i>Mammal Review</i> , 2014, 44, 204-214.	4.8	21
61	Males do not senesce faster in large herbivores with highly seasonal rut. <i>Experimental Gerontology</i> , 2014, 60, 167-172.	2.8	8
62	Early life expenditure in sexual competition is associated with increased reproductive senescence in male red deer. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140792.	2.6	56
63	Do age-specific survival patterns of wild boar fit current evolutionary theories of senescence?. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3636-3643.	2.3	32
64	Senescence in natural populations of animals: Widespread evidence and its implications for bio-gerontology. <i>Ageing Research Reviews</i> , 2013, 12, 214-225.	10.9	548
65	Comparing free-ranging and captive populations reveals intra-specific variation in aging rates in large herbivores. <i>Experimental Gerontology</i> , 2013, 48, 162-167.	2.8	63
66	Male survival patterns do not depend on male allocation to sexual competition in large herbivores. <i>Behavioral Ecology</i> , 2013, 24, 421-428.	2.2	38
67	Diversification of the eutherian placenta is associated with changes in the pace of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7760-7765.	7.1	41
68	Polyandry Has No Detectable Mortality Cost in Female Mammals. <i>PLoS ONE</i> , 2013, 8, e66670.	2.5	16
69	Inbreeding avoidance behaviour of male bank voles in relation to social status. <i>Animal Behaviour</i> , 2012, 83, 453-457.	1.9	19
70	Genital morphology linked to social status in the bank vole (<i>Myodes glareolus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 97-105.	1.4	22
71	Social cues of sperm competition influence accessory reproductive gland size in a promiscuous mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1171-1176.	2.6	60
72	Y chromosome makes fruit flies die younger. <i>Peer Community in Evolutionary Biology</i> , 0, , 100105.	0.0	2