Eric Le Bourg

List of Publications by Year
in descending order

105 papers	2,300 citations	201575 27 h-index	265120 42 g-index
120 all docs	120 docs citations	120 times ranked	1602 citing authors

#	Article	IF	Citations
1	Hormesis, aging and longevity. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1030-1039.	1.1	109
2	Oxidative stress, aging and longevity inDrosophila melanogaster. FEBS Letters, 2001, 498, 183-186.	1.3	106
3	Effects of mild heat shocks at young age on aging and longevity in Drosophila melanogaster. Biogerontology, 2001, 2, 155-164.	2.0	97
4	Hypergravity and Aging in Drosophila melanogaster. 4. Climbing Activity. Gerontology, 1992, 38, 59-64.	1.4	89
5	Does reproduction decrease longevity in human beings?. Ageing Research Reviews, 2007, 6, 141-149.	5.0	79
6	Hormetic effects of repeated exposures to cold at young age on longevity, aging and resistance to heat or cold shocks in Drosophila melanogaster. Biogerontology, 2007, 8, 431-444.	2.0	71
7	A mild stress, hypergravity exposure, postpones behavioral aging in Drosophila melanogaster11This article is dedicated to FrÃ©dÃ©ric A. Lints, who died in January 1999.. Experimental Gerontology, 1999, 34, 157-172.	1.2	66
8	Learned suppression of photopositive tendencies inDrosophila melanogaster. Learning and Behavior, 2002, 30, 330-341.	3.4	66
9	A mild stress due to hypergravity exposure at young age increases longevity in Drosophila melanogaster males. Biogerontology, 2000, 1, 145-155.	2.0	61
10	Covid-19 Mortality: A Matter of Vulnerability Among Nations Facing Limited Margins of Adaptation. Frontiers in Public Health, 2020, 8, 604339.	1.3	55
11	Cold stress increases resistance to fungal infection throughout life in Drosophila melanogaster. Biogerontology, 2009, 10, 613-625.	2.0	54
12	The rate of living theory. Spontaneous locomotor activity, aging and longevity in Drosophila melanogaster. Experimental Gerontology, 1987, 22, 359-369.	1.2	53
13	Increased longevity and resistance to heat shock in Drosophila melanogaster flies exposed to hypergravity. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 1997, 320, 215-221.	0.8	53
14	Are We Reaching the Limits of Homo sapiens?. Frontiers in Physiology, 2017, 8, 812.	1.3	52
15	A mini-review of the evolutionary theories of aging.. Demographic Research, 0, 4, 1-28.	2.0	45
16	Male Drosophila melanogaster flies exposed to hypergravity at young age are protected against a non-lethal heat shock at middle age but not against behavioral impairments due to this shock. Biogerontology, 2004, 5, 431-443.	2.0	41
17	Resistance to stress as a function of age in Drosophila melanogaster living in hypergravity. Mechanisms of Ageing and Development, 1999, 109, 53-64.	2.2	40
18	Predicting whether dietary restriction would increase longevity in species not tested so far. Ageing Research Reviews, 2010, 9, 289-297.	5.0	39

#	Article	IF	Citations
19	HSP70 induction may explain the long-lasting resistance to heat of Drosophila melanogaster having lived in hypergravity. Mechanisms of Ageing and Development, 1999, 109, 65-77.	2.2	36
20	A review of the effects of microgravity and of hypergravity on aging and longevity11A previous version of this article appeared in the journal of the Institute of Gerontology of Ukraine; Problems of Aging and Longevity 6, 239â€“252, 1996; the present article is an updated version.. Experimental Gerontology, 1999, 34, 319-336.	1.2	36
21	Fasting can protect young and middle-aged Drosophila melanogaster flies against a severe cold stress. Biogerontology, 2013, 14, 513-529.	2.0	35
22	Is Lifespan Extension Accompanied by Improved Antioxidant Defences? A Study of Superoxide Dismutase and Catalase in Drosophila Melanogaster Flies that Lived in Hypergravity at a Young Age. Biogerontology, 2004, 5, 261-266.	2.0	34
23	A cold stress applied at various ages can increase resistance to heat and fungal infection in aged Drosophila melanogaster flies. Biogerontology, 2011, 12, 185-193.	2.0	34
24	Can dietary restriction increase longevity in all species, particularly in human beings? Introduction to a debate among experts. Biogerontology, 2006, 7, 123-125.	2.0	33
25	Aging and the Inevitable Limit to Human Life Span. Gerontology, 2017, 63, 432-434.	1.4	33
26	Lack of hypergravity-associated longevity extension in Drosophila melanogaster flies overexpressing hsp70. Biogerontology, 2002, 3, 355-364.	2.0	32
27	Hormetic protection of Drosophila melanogaster middle-aged male flies from heat stress by mildly stressing them at young age. Die Naturwissenschaften, 2005, 92, 293-296.	0.6	32
28	Contrasted effects of suppressing live yeast from food on longevity, aging and resistance to several stresses in Drosophila melanogaster. Experimental Gerontology, 2009, 44, 695-707.	1.2	31
29	Combined effects of two mild stresses (cold and hypergravity) on longevity, behavioral aging, and resistance to severe stresses in Drosophila melanogaster. Biogerontology, 2012, 13, 313-328.	2.0	26
30	Hypergravity and aging in Drosophila melanogaster: 7. New longevity data. Experimental Gerontology, 1993, 28, 611-615.	1.2	25
31	Hypergravity and Aging in <i>Drosophila melanogaster. </i>6. Spontaneous Locomotor Activity. Gerontology, 1992, 38, 71-79.	1.4	23
32	Patterns of movement and ageing in Drosophila melanogaster. Archives of Gerontology and Geriatrics, 1983, 2, 299-306.	1.4	22
33	Conditioned suppression of the proboscis-extension response in young, middle-aged, and old Drosophila melanogaster flies: Acquisition and extinction.. Journal of Comparative Psychology (Washington, D C: 1983), 1990, 104, 289-296.	0.3	22
34	Using Drosophila melanogaster to study the positive effects of mild stress on aging. Experimental Gerontology, 2011, 46, 345-348.	1.2	22
35	Hypergravity and Ageing in <i>Drosophila melanogaster</i>. Gerontology, 1989, 35, 244-252.	1.4	21
36	Delaying aging: could the study of hormesis be more helpful than that of the genetic pathway used to survive starvation?. Biogerontology, 2003, 4, 319-324.	2.0	21

#	Article	IF	Citations
37	Does dietary restriction really increase longevity in Drosophila melanogaster?. Ageing Research Reviews, 2005, 4, 409-421.	5.0	21
38	Combined effects of suppressing live yeast and of a cold pretreatment on longevity, aging and resistance to several stresses in Drosophila melanogaster. Biogerontology, 2010, 11, 245-254.	2.0	21
39	Effects of aging on learned suppression of photopositive tendencies in Drosophila melanogaster. Neurobiology of Aging, 2004, 25, 1241-1252.	1.5	20
40	Hormetic effects on longevity of hydrogen peroxide in Drosophila melanogaster flies living on a poorly nutritious medium. Biogerontology, 2007, 8, 327-344.	2.0	20
41	Does Calorie Restriction in Primates Increase Lifespan? Revisiting Studies on Macaques (Macaca) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	20
42	Dietary Restriction Studies in Humans: Focusing on Obesity, Forgetting Longevity. Gerontology, 2012, 58, 126-128.	1.4	19
43	Gerontologists and the media in a time of gerontology expansion. , 2000, 1, 89-92.		18
44	Habituation of the Proboscis Extension Response as a Function of Age in Drosophila melanogaster. Gerontology, 1991, 37, 187-192.	1.4	17
45	The somatotropic axis may not modulate ageing and longevity in humans. Biogerontology, 2016, 17, 421-429.	2.0	17
46	Hypergravity and Ageing in Drosophila melanogaster. Gerontology, 1989, 35, 235-243.	1.4	16
47	Forecasting continuously increasing life expectancy: What implications?. Ageing Research Reviews, 2012, 11, 325-328.	5.0	16
48	Obsolete ideas and logical confusions can be obstacles for biogerontology research. Biogerontology, 2013, 14, 221-227.	2.0	16
49	Evolutionary Theories of Aging: Handle with Care. Gerontology, 1998, 44, 345-348.	1.4	15
50	The NF-ÎºB-like factor DIF could explain some positive effects of a mild stress on longevity, behavioral aging, and resistance to strong stresses in Drosophila melanogaster. Biogerontology, 2012, 13, 445-455.	2.0	15
51	Is Life Expectancy of French Women Going to Plateau and Oscillate?. Gerontology, 2019, 65, 288-293.	1.4	15
52	Hypergravity and Aging in Drosophila melanogaster. 5. Patterns of Movement. Gerontology, 1992, 38, 65-70.	1.4	14
53	Dietary restriction would probably not increase longevity in human beings and other species able to leave unsuitable environments. Biogerontology, 2006, 7, 149-152.	2.0	14
54	Evolutionary Theories of Aging Can Explain Why We Age. Interdisciplinary Topics in Gerontology, 2014, 39, 8-23.	3.6	14

#	Article	IF	Citations
55	Effect of high-frequency radiations on survival of the honeybee (Apis mellifera L.). Apidologie, 2016, 47, 703-710.	0.9	14
56	Correlational analysis in comparative gerontology: An examination of some problems. Experimental Gerontology, 1996, 31, 645-653.	1.2	13
57	Hypergravity and Aging in <i>Drosophila melanogaster</i>. Gerontology, 1996, 42, 235-240.	1.4	13
58	Life-time protection against severe heat stress by exposing young Drosophila melanogaster flies to a mild cold stress. Biogerontology, 2016, 17, 409-415.	2.0	13
59	â€œIs Hormesis Applicable as a Pro-Healthy Aging Intervention in Mammals and Human Beings, and How?â€. Dose-Response, 2010, 8, dose-response.0.	0.7	12
60	The NF-kB like factor DIF has weaker effects on Drosophila melanogaster immune defenses than previously thought. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 741-750.	0.7	12
61	Doâ€¦â€¥Yourself Calorie Restriction: The Risks of Simplistically Translating Findings in Animal Models to Humans. BioEssays, 2018, 40, e1800087.	1.2	12
62	Individual late-life fecundity plateaus do exist in Drosophila melanogaster and are very common at old age. Experimental Gerontology, 2014, 55, 102-106.	1.2	11
63	Fasting increases survival to cold in FOXO, DIF, autophagy mutants and in other genotypes of Drosophila melanogaster. Biogerontology, 2015, 16, 411-421.	2.0	11
64	Fasting and other mild stresses with hormetic effects in Drosophila melanogaster can additively increase resistance to cold. Biogerontology, 2015, 16, 517-527.	2.0	11
65	Gerontologists and the media: false hopes and fantasies can be hazardous for science. Biogerontology, 2000, 1, 371-372.	2.0	10
66	Hypergravity and Ageing in <i>Drosophila melanogaster</i>. Gerontology, 1989, 35, 253-259.	1.4	9
67	Feeding on frozen live yeast has some deleterious effects in Drosophila melanogaster. Experimental Gerontology, 2015, 69, 202-210.	1.2	9
68	Geroscience: the need to address some issues. Biogerontology, 2022, 23, 145-150.	2.0	8
69	No Ground for Advocating that Korean Eunuchs Lived Longer than Intact Men. Gerontology, 2016, 62, 69-70.	1.4	7
70	Combining three mild stresses in Drosophila melanogaster flies does not have a more positive effect on resistance to a severe cold stress than combining two mild stresses. Biogerontology, 2017, 18, 275-284.	2.0	7
71	Are Stress Resistance and Longevity Really Linked in Normal Living Conditions?. Gerontology, 2002, 48, 109-111.	1.4	6
72	Further characterization of an aversive learning task in Drosophila melanogaster: intensity of the stimulus, relearning, and use of rutabaga mutants. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2007, 193, 1139-1149.	0.7	6

#	Article	IF	Citations
73	Hormesis and Trade-Offs: A Comment. Dose-Response, 2014, 12, dose-response.1.	0.7	6
74	Limitations of log-rank tests for analysing longevity data in biogerontology. Biogerontology, 2014, 15, 401-405.	2.0	6
75	A public debate about the feasibility of reversing human ageing could be detrimental. BioEssays, 2003, 25, 93-94.	1.2	5
76	Humidity as an aversive stimulus in learning inDrosophila melanogaster. Learning and Behavior, 2005, 33, 265-276.	0.5	5
77	Dietary Restriction in Humans: A Response to Drs. Gavrilova and Gavrilov. Gerontology, 2012, 58, 224-226.	1.4	5
78	The Future of Human Longevity: Time for a Reality Check. Gerontology, 2017, 63, 527-528.	1.4	5
79	Spontaneous locomotor activity of Drosophila melanogaster flies at various gravity levels (0 g, 1 g,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	4
80	Selection for Increased Longevity in Drosophila melanogaster: Reflections on New Data. Gerontology, 1996, 42, 14-17.	1.4	4
81	A mild cold stress that increases resistance to heat lowers FOXO translocation in Drosophila melanogaster. Biogerontology, 2017, 18, 791-801.	2.0	4
82	Age Determination and Lifespan of Marine Animal Species. , 2019, , 26-26.		4
83	Characterisation of the positive effects of mild stress on ageing and resistance to stress. Biogerontology, 2020, 21, 485-493.	2.0	4
84	Three Mild Stresses Known to Increase Longevity in Drosophila melanogaster Flies do not Increase Resistance to Oxidative Stress. American Journal of Pharmacology and Toxicology, 2008, 3, 137-143.	0.7	4
85	A mild heat stress increases resistance to heat of dFOXO Drosophila melanogaster mutants but less in wild-type flies. Biogerontology, 2021, 22, 237-251.	2.0	3
86	Drosophila melanogaster flies better know than us the nutrients they need: Let them choose. Experimental Gerontology, 2022, 162, 111768.	1.2	3
87	It is Time to Thoroughly Study the Effects of Mild Stress in Rodents, but also in Human Beings. Dose-Response, 2010, 8, dose-response.0.	0.7	2
88	Time of famine: Time to reproduce? (comment on DOI 10.1002/bies.201300165). BioEssays, 2014, 36, 436-436.	1.2	2
89	Is it Time to State That Diet Restriction Does Not Increase Life span in Primates?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 308-309.	1.7	2
90	Hypergravity increases resistance to heat in dFOXO Drosophila melanogaster mutants and can lower FOXO translocation in wild-type males. Biogerontology, 2019, 20, 883-891.	2.0	2

#	Article	IF	Citations
91	Mild Stress-Induced Hormesis. , 2019, , 25-33.		2
92	Neglecting larval rearing conditions in Drosophila melanogaster can negatively impact research on ageing. Biogerontology, 2021, 22, 369-373.	2.0	2
93	Mild Stress and Life Extension in Drosophila melanogaster. , 2009, , 75-88.		2
94	Is lifespan linked with developmental viability in Drosophila melanogaster?. Experimental Gerontology, 2021, 156, 111583.	1.2	2
95	Epidemics and Forecasts of Life Expectancy. Gerontology, 2022, 68, 453-455.	1.4	2
96	Effects of Mild Stresses Applied in Adults on Aging and Longevity. Healthy Ageing and Longevity, 2015, , 301-320.	0.2	1
97	Somatotropic Axisâ€™ Role in Ageing and Longevity Could Depend on Life-History Strategies of Species. Healthy Ageing and Longevity, 2017, , 21-33.	0.2	1
98	Covid-19 and the next outbreak: decreasing frailty by using mild stress?. Biogerontology, 2021, 22, 565-569.	2.0	1
99	New life expectancy forecasts are too optimistic. Biogerontology, 2021, 22, 655-658.	2.0	1
100	La longÃ©vitÃ© et le vieillissement au XXIe siÃ¨cle. Retraite Et Societe, 2002, n^o 36, 159-179.	0.1	1
101	Lifespan Versus Healthspan. Healthy Ageing and Longevity, 2020, , 439-452.	0.2	1
102	About the article â€œExploring the impact of climate on human longevityâ€• (Exp. Geront. 47, 660â€“671,) Tj ETQq0 0 0 rgBT /Overlock	1.2	0
103	Covid-19: were curfews in France associated with hospitalisations?. Epidemiologic Methods, 2021, 10, .	0.8	0
104	The Fact and Fiction of Nutritional Claims About Health and Longevity. Healthy Ageing and Longevity, 2021, , 617-630.	0.2	0
105	Is It Time to Relax Research on Death Rates of Supercentenarians?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 755-757.	1.7	0