Vadim E Fraifeld

List of Publications by Year
in descending order

69 papers	3,538 citations	201575 27 h-index	149623 56 g-index
77 all docs	77 docs citations	77 times ranked	4801 citing authors

#	Article	IF	Citations
1	Transplantation of mesenchymal stem cells causes long-term alleviation of schizophrenia-like behaviour coupled with increased neurogenesis. Molecular Psychiatry, 2021, 26, 4448-4463.	4.1	9
2	Background radiation impacts human longevity and cancer mortality: reconsidering the linear no-threshold paradigm. Biogerontology, 2021, 22, 189-195.	2.0	7
3	Machine Learning Analysis of Longevity-Associated Gene Expression Landscapes in Mammals. International Journal of Molecular Sciences, 2021, 22, 1073.	1.8	6
4	Expression Profiling Suggests Loss of Surface Integrity and Failure of Regenerative Repair as Major Driving Forces for Chronic Obstructive Pulmonary Disease Progression. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 441-452.	1.4	9
5	Systems biology analysis of lung fibrosis-related genes in the bleomycin mouse model. Scientific Reports, 2021, 11, 19269.	1.6	7
6	Hypercapnia-inducible factor: a hypothesis. Ageing & Longevity, 2021, 2, 27-31.	0.1	1
7	Small molecules for cell reprogramming: a systems biology analysis. Aging, 2021, 13, 25739-25762.	1.4	8
8	Metabolic remodelling of mice by hypoxic-hypercapnic environment: imitating the naked mole-rat. Biogerontology, 2020, 21, 143-153.	2.0	12
9	SynergyAge, a curated database for synergistic and antagonistic interactions of longevity-associated genes. Scientific Data, 2020, 7, 366.	2.4	16
10	Gray whale transcriptome reveals longevity adaptations associated with DNA repair and ubiquitination. Aging Cell, 2020, 19, e13158.	3.0	27
11	A multidimensional systems biology analysis of cellular senescence in aging and disease. Genome Biology, 2020, 21, 91.	3.8	177
12	c-Met as a new marker of cellular senescence. Aging, 2019, 11, 2889-2897.	1.4	11
13	iPSCs-Induced Cellular Reprogramming. , 2019, , .		1
14	Human Ageing Genomic Resources: new and updated databases. Nucleic Acids Research, 2018, 46, D1083-D1090.	6.5	511
15	The role of cellular senescence in aging through the prism of Koch-like criteria. Ageing Research Reviews, 2018, 41, 18-33.	5.0	36
16	Middle age enhances expression of innate immunity genes in a female mouse model of pulmonary fibrosis. Biogerontology, 2017, 18, 253-262.	2.0	6
17	Differential decrease in soluble and DNA-bound telomerase in senescent human fibroblasts. Biogerontology, 2017, 18, 525-533.	2.0	8
18	The DrugAge database of aging-related drugs. Aging Cell, 2017, 16, 594-597.	3.0	121

#	Article	IF	Citations
19	Wideâ€scale comparative analysis of longevity genes and interventions. Aging Cell, 2017, 16, 1267-1275.	3.0	39
20	De novo assembling and primary analysis of genome and transcriptome of gray whale Eschrichtius robustus. BMC Evolutionary Biology, 2017, 17, 258.	3.2	11
21	A review of the biomedical innovations for healthy longevity. Aging, 2017, 9, 7-25.	1.4	18
22	Transplantation of mesenchymal stem cells reverses behavioural deficits and impaired neurogenesis caused by prenatal exposure to valproic acid. Oncotarget, 2017, 8, 17443-17452.	0.8	35
23	Tissue repair genes: the TiRe database and its implication for skin wound healing. Oncotarget, 2016, 7, 21145-21155.	0.8	20
24	Middle age has a significant impact on gene expression during skin wound healing in male mice. Biogerontology, 2016, 17, 763-770.	2.0	4
25	MitoAge: a database for comparative analysis of mitochondrial DNA, with a special focus on animal longevity. Nucleic Acids Research, 2016, 44, D1262-D1265.	6.5	25
26	Wound healing and longevity: Lessons from long-lived Î±MUPA mice. Aging, 2015, 7, 167-176.	1.4	14
27	Preferential anti-proliferative activity of<i>Varthemia iphionoides</i>(<i>Chiliadenus iphinoides)</i>. Israel Journal of Plant Sciences, 2015, 62, 229-233.	0.3	7
28	Cellular Senescence Markers p16INK4a and p21CIP1/WAF Are Predictors of Hodgkin Lymphoma Outcome. Clinical Cancer Research, 2015, 21, 5164-5172.	3.2	33
29	ShcC proteins: Brain aging and beyond. Ageing Research Reviews, 2015, 19, 34-42.	5.0	7
30	Geroprotectors.org: a new, structured and curated database of current therapeutic interventions in aging and age-related disease. Aging, 2015, 7, 616-628.	1.4	93
31	Cellular senescence-like features of lung fibroblasts derived from idiopathic pulmonary fibrosis patients. Aging, 2015, 7, 664-672.	1.4	132
32	Age-related diseases: common or diverse pathways?. Biogerontology, 2014, 15, 543-545.	2.0	4
33	Uncovering the Geroprotective Potential of Medicinal Plants from the Judea Region of Israel. Rejuvenation Research, 2014, 17, 134-139.	0.9	11
34	LongevityMap: a database of human genetic variants associated with longevity. Trends in Genetics, 2013, 29, 559-560.	2.9	92
35	The role of DNA damage and repair in aging through the prism of Koch-like criteria. Ageing Research Reviews, 2013, 12, 661-684.	5.0	290
36	Telomere length and body temperatureâ€"independent determinants of mammalian longevity?. Frontiers in Genetics, 2013, 4, 111.	1.1	19

#	Article	IF	Citations
37	Human Ageing Genomic Resources: Integrated databases and tools for the biology and genetics of ageing. Nucleic Acids Research, 2012, 41, D1027-D1033.	6.5	467
38	Co-regulation of polar mRNA transport and lifespan in budding yeast<i>Saccharomyces cerevisiae</i>. Cell Cycle, 2012, 11, 4275-4280.	1.3	3
39	Gadd45 proteins: Relevance to aging, longevity and age-related pathologies. Ageing Research Reviews, 2012, 11, 51-66.	5.0	126
40	Prediction of C. elegans Longevity Genes by Human and Worm Longevity Networks. PLoS ONE, 2012, 7, e48282.	1.1	49
41	In Memory of Amir Abramovich. Rejuvenation Research, 2011, 14, 105-106.	0.9	0
42	Linking cell polarity, aging and rejuvenation. Biogerontology, 2011, 12, 167-175.	2.0	17
43	Is rate of skin wound healing associated with aging or longevity phenotype?. Biogerontology, 2011, 12, 591-597.	2.0	24
44	Molecular links between cellular senescence, longevity and age-related diseases â€“ a systems biology perspective. Aging, 2011, 3, 1178-1191.	1.4	119
45	The NetAge database: a compendium of networks for longevity, age-related diseases and associated processes. Biogerontology, 2010, 11, 513-522.	2.0	71
46	MicroRNA-Regulated Proteinâ€“Protein Interaction Networks: How Could They Help in Searching for Pro-Longevity Targets?. Rejuvenation Research, 2010, 13, 373-377.	0.9	30
47	NUMT (â€œNew Mightyâ€) Hypothesis of Longevity. Rejuvenation Research, 2010, 13, 152-155.	0.9	8
48	Common gene signature of cancer and longevity. Mechanisms of Ageing and Development, 2009, 130, 33-39.	2.2	52
49	The Human Ageing Genomic Resources: online databases and tools for biogerontologists. Aging Cell, 2009, 8, 65-72.	3.0	173
50	The signaling hubs at the crossroad of longevity and age-related disease networks. International Journal of Biochemistry and Cell Biology, 2009, 41, 516-520.	1.2	91
51	Senescing Cells Share Common Features with Dedifferentiating Cells. Rejuvenation Research, 2009, 12, 435-443.	0.9	35
52	Do Mitochondrial DNA and Metabolic Rate Complement Each Other in Determination of the Mammalian Maximum Longevity?. Rejuvenation Research, 2008, 11, 409-417.	0.9	37
53	Have We Reached the Point for In Vivo Rejuvenation?. Rejuvenation Research, 2008, 11, 489-492.	0.9	13
54	Longevity network: Construction and implications. Mechanisms of Ageing and Development, 2007, 128, 117-124.	2.2	84

#	Article	IF	Citations
55	From Disease-Oriented to Aging/Longevity-Oriented Studies. Rejuvenation Research, 2006, 9, 207-210.	0.9	25
56	Mitochondrial Genome Anatomy and Species-Specific Lifespan. Rejuvenation Research, 2006, 9, 223-226.	0.9	16
57	p66ShcA and ageing: modulation by longevity-promoting agent aurintricarboxylic acid. Mechanisms of Ageing and Development, 2005, 126, 249-254.	2.2	17
58	Glutathione S-transferase hGSTM3 and ageing-associated neurodegeneration: relationship to Alzheimer's disease. Mechanisms of Ageing and Development, 2005, 126, 309-315.	2.2	45
59	The role of Hsp90 in cell response to hyperthermia. Journal of Thermal Biology, 2004, 29, 509-514.	1.1	16
60	Non-prostaglandin eicosanoids in fever and anapyrexia. Frontiers in Bioscience - Landmark, 2004, 9, 3339.	3.0	29
61	Superoxide dismutase, catalase and glutathione peroxidase activities in the liver of young and old mice: linear regression and correlation. Archives of Gerontology and Geriatrics, 2002, 35, 205-214.	1.4	23
62	Evidence supporting involvement of leukotrienes in LPS-induced hypothermia in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R52-R58.	0.9	21
63	Nimesulide prevents lipopolysaccharide-induced elevation in plasma tumor necrosis factor-Î± in rats. Life Sciences, 1998, 63, PL323-PL327.	2.0	15
64	Chapter 9 Brain eicosanoids and LPS fever: species and age differences. Progress in Brain Research, 1998, 115, 141-157.	0.9	43
65	Tolerance to lipopolysaccharide is not related to the ability of the hypothalamus to produce prostaglandin E2. Life Sciences, 1997, 61, 813-818.	2.0	10
66	Dietary restriction modifies fever response in aging rats. Archives of Gerontology and Geriatrics, 1997, 24, 133-140.	1.4	2
67	Delayed febrile response in old rats is not associated with an inability of hypothalamus to produce prostaglandin E2. Mechanisms of Ageing and Development, 1995, 79, 137-140.	2.2	9
68	Is hypothalamic prostaglandin E2 involved in avian fever?. Life Sciences, 1995, 56, 1343-1346.	2.0	28
69	Correlative links between natural radiation and life expectancy in the US population. Biogerontology, 0, , .	2.0	1