

# Valery Krizhanovsky

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4300154/valery-krizhanovsky-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

8,759  
citations

32  
h-index

62  
g-index

62  
ext. papers

10,972  
ext. citations

16.5  
avg, IF

6.23  
L-index

#	Paper	IF	Citations
53	Senescence and tumour clearance is triggered by p53 restoration in murine liver carcinomas. <i>Nature</i> , <b>2007</b> , 445, 656-60	50.4	1786
52	Senescence of activated stellate cells limits liver fibrosis. <i>Cell</i> , <b>2008</b> , 134, 657-67	56.2	1277
51	Senescence is a developmental mechanism that contributes to embryonic growth and patterning. <i>Cell</i> , <b>2013</b> , 155, 1119-30	56.2	657
50	Cellular Senescence: Defining a Path Forward. <i>Cell</i> , <b>2019</b> , 179, 813-827	56.2	646
49	Non-cell-autonomous tumor suppression by p53. <i>Cell</i> , <b>2013</b> , 153, 449-60	56.2	482
48	A novel role for high-mobility group a proteins in cellular senescence and heterochromatin formation. <i>Cell</i> , <b>2006</b> , 126, 503-14	56.2	460
47	Directed elimination of senescent cells by inhibition of BCL-W and BCL-XL. <i>Nature Communications</i> , <b>2016</b> , 7, 11190	17.4	445
46	Impaired immune surveillance accelerates accumulation of senescent cells and aging. <i>Nature Communications</i> , <b>2018</b> , 9, 5435	17.4	192
45	Cellular senescence in ageing: from mechanisms to therapeutic opportunities. <i>Nature Reviews Molecular Cell Biology</i> , <b>2021</b> , 22, 75-95	48.7	191
44	Quantitative identification of senescent cells in aging and disease. <i>Aging Cell</i> , <b>2017</b> , 16, 661-671	9.9	167
43	Granule exocytosis mediates immune surveillance of senescent cells. <i>Oncogene</i> , <b>2013</b> , 32, 1971-7	9.2	157
42	Tissue-specific and reversible RNA interference in transgenic mice. <i>Nature Genetics</i> , <b>2007</b> , 39, 914-21	36.3	155
41	NKG2D ligands mediate immunosurveillance of senescent cells. <i>Aging</i> , <b>2016</b> , 8, 328-44	5.6	148
40	Cell fusion induced by ERVWE1 or measles virus causes cellular senescence. <i>Genes and Development</i> , <b>2013</b> , 27, 2356-66	12.6	145
39	Physiological and pathological consequences of cellular senescence. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 4373-86	10.3	137
38	Senescent cells: SASPected drivers of age-related pathologies. <i>Biogerontology</i> , <b>2014</b> , 15, 627-42	4.5	129
37	Immunosurveillance of senescent cells: the bright side of the senescence program. <i>Biogerontology</i> , <b>2013</b> , 14, 617-28	4.5	118

36	p21 maintains senescent cell viability under persistent DNA damage response by restraining JNK and caspase signaling. <i>EMBO Journal</i> , <b>2017</b> , 36, 2280-2295	13	115
35	Strategies targeting cellular senescence. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1247-1254	15.9	102
34	Implications of cellular senescence in tissue damage response, tumor suppression, and stem cell biology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2008</b> , 73, 513-22	3.9	86
33	Senescent cells communicate via intercellular protein transfer. <i>Genes and Development</i> , <b>2015</b> , 29, 791-802	2.6	82
32	Math1 controls cerebellar granule cell differentiation by regulating multiple components of the Notch signaling pathway. <i>Development (Cambridge)</i> , <b>2004</b> , 131, 903-13	6.6	82
31	A novel putative neuropeptide receptor expressed in neural tissue, including sensory epithelia. <i>Biochemical and Biophysical Research Communications</i> , <b>1995</b> , 209, 752-9	3.4	82
30	Dual control of neurogenesis by PC3 through cell cycle inhibition and induction of Math1. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 3355-69	6.6	76
29	Pan-cancer single-cell RNA-seq identifies recurring programs of cellular heterogeneity. <i>Nature Genetics</i> , <b>2020</b> , 52, 1208-1218	36.3	63
28	Rapid entry of bitter and sweet tastants into liposomes and taste cells: implications for signal transduction. <i>American Journal of Physiology - Cell Physiology</i> , <b>2000</b> , 278, C17-25	5.4	62
27	Senescent cell turnover slows with age providing an explanation for the Gompertz law. <i>Nature Communications</i> , <b>2019</b> , 10, 5495	17.4	51
26	Age-associated inflammation connects RAS-induced senescence to stem cell dysfunction and epidermal malignancy. <i>Cell Death and Differentiation</i> , <b>2015</b> , 22, 1764-74	12.7	42
25	A novel role for the choroid plexus in BMP-mediated inhibition of differentiation of cerebellar neural progenitors. <i>Mechanisms of Development</i> , <b>2006</b> , 123, 67-75	1.7	41
24	Transcriptional Heterogeneity of Beta Cells in the Intact Pancreas. <i>Developmental Cell</i> , <b>2019</b> , 48, 115-125	1.4	40
23	The ECM path of senescence in aging: components and modifiers. <i>FEBS Journal</i> , <b>2020</b> , 287, 2636-2646	5.7	39
22	Molecular pathways of senescence regulate placental structure and function. <i>EMBO Journal</i> , <b>2019</b> , 38, e100849	13	31
21	p53 in Bronchial Club Cells Facilitates Chronic Lung Inflammation by Promoting Senescence. <i>Cell Reports</i> , <b>2018</b> , 22, 3468-3479	10.6	25
20	A new Twist in kidney fibrosis. <i>Nature Medicine</i> , <b>2015</b> , 21, 975-7	50.5	24
19	Math1 target genes are enriched with evolutionarily conserved clustered E-box binding sites. <i>Journal of Molecular Neuroscience</i> , <b>2006</b> , 28, 211-29	3.3	22

18	An oligoclonal antibody durably overcomes resistance of lung cancer to third-generation EGFR inhibitors. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10, 294-308	12	21
17	Sucrose-stimulated subsecond transient increase in cGMP level in rat intact circumvallate taste bud cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2000</b> , 279, C120-5	5.4	19
16	Natural killer cell-dependent anti-fibrotic pathway in liver injury via Toll-like receptor-9. <i>PLoS ONE</i> , <b>2013</b> , 8, e82571	3.7	18
15	Cell Senescence, DNA Damage, and Metabolism. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 34, 324-334	8.4	16
14	Regulation and function of Myb-binding protein 1A (MYBBP1A) in cellular senescence and pathogenesis of head and neck cancer. <i>Cancer Letters</i> , <b>2015</b> , 358, 191-199	9.9	14
13	Telomere Homeostasis and Senescence Markers Are Differently Expressed in Placentas From Pregnancies With Early- Versus Late-Onset Preeclampsia. <i>Reproductive Sciences</i> , <b>2019</b> , 26, 1203-1209	3	10
12	Pan-cancer single cell RNA-seq uncovers recurring programs of cellular heterogeneity		9
11	Genotype identification of Math1/LacZ knockout mice based on real-time PCR with SYBR Green I dye. <i>Journal of Neuroscience Methods</i> , <b>2004</b> , 136, 187-92	3	6
10	Senolytic elimination of Cox2-expressing senescent cells inhibits the growth of premalignant pancreatic lesions. <i>Gut</i> , <b>2021</b> ,	19.2	5
9	A Multiparametric Assay to Evaluate Senescent Cells. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1896, 107-117	1.4	4
8	Senescence and Telomere Homeostasis Might Be Involved in Placenta Percreta-Preliminary Investigation. <i>Reproductive Sciences</i> , <b>2018</b> , 25, 1254-1260	3	4
7	Natural killers of cognition. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 2-4	25.5	2
6	The intricate nature of senescence in development and cell plasticity. <i>Seminars in Cancer Biology</i> , <b>2021</b> ,	12.7	2
5	Modulation of Two Second Messengers in Bitter Taste Transduction of Agriculturally Relevant Compounds. <i>ACS Symposium Series</i> , <b>2002</b> , 18-31	0.4	1
4	Senescent cells and the dynamics of aging		1
3	Quantitative Identification of Senescent Cells in Cancer. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1884, 259-267	1	1
2	Breathe it in - Spotlight on senescence and regeneration in the lung. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 199, 111550	5.6	0
1	Cellular Senescence Limits the Extent of Fibrosis Following Liver Damage <b>2013</b> , 291-301		

