Francis Rodier

List of Publications by Year
in descending order

60 papers	12,895 citations	185998 28 h-index	143772 57 g-index
63 all docs	63 docs citations	63 times ranked	16478 citing authors

#	Article	IF	Citations
1	The rs6942067 genotype is associated with a worse overall survival in young or non-smoking HPV-negative patients with positive nodal status in head and neck squamous cell carcinoma. Oral Oncology, 2022, 125, 105696.	0.8	0
2	Targeting IKKÎµ in Androgen-Independent Prostate Cancer Causes Phenotypic Senescence and Genomic Instability. Molecular Cancer Therapeutics, 2022, 21, 407-418.	1.9	2
3	UM171-Expanded Cord Blood Transplants Support Robust T Cell Reconstitution with Low Rates of Severe Infections. Transplantation and Cellular Therapy, 2021, 27, 76.e1-76.e9.	0.6	11
4	mTOR as a senescence manipulation target: A forked road. Advances in Cancer Research, 2021, 150, 335-363.	1.9	14
5	NCOR1 Sustains Colorectal Cancer Cell Growth and Protects against Cellular Senescence. Cancers, 2021, 13, 4414.	1.7	5
6	Senolytic Targeting of Bcl-2 Anti-Apoptotic Family Increases Cell Death in Irradiated Sarcoma Cells. Cancers, 2021, 13, 386.	1.7	26
7	Homologous recombination-mediated irreversible genome damage underlies telomere-induced senescence. Nucleic Acids Research, 2021, 49, 11690-11707.	6.5	10
8	Dual Inhibition of Autophagy and PI3K/AKT/MTOR Pathway as a Therapeutic Strategy in Head and Neck Squamous Cell Carcinoma. Cancers, 2020, 12, 2371.	1.7	14
9	DNA Damage- But Not Enzalutamide-Induced Senescence in Prostate Cancer Promotes Senolytic Bcl-xL Inhibitor Sensitivity. Cells, 2020, 9, 1593.	1.8	31
10	Autophagy drives fibroblast senescence through MTORC2 regulation. Autophagy, 2020, 16, 2004-2016.	4.3	89
11	Nonâ€canonical <scp>ATM</scp> / <scp>MRN</scp> activities temporally define the senescence secretory program. EMBO Reports, 2020, 21, e50718.	2.0	17
12	UM171-Expanded Cord Blood Transplants Support Robust T-Cell Reconstitution with Low Rates of Severe Infections. Blood, 2020, 136, 36-37.	0.6	2
13	Exploiting interconnected synthetic lethal interactions between PARP inhibition and cancer cell reversible senescence. Nature Communications, 2019, 10, 2556.	5.8	132
14	Quantifying Senescence-Associated Phenotypes in Primary Multipotent Mesenchymal Stromal Cell Cultures. Methods in Molecular Biology, 2019, 2045, 93-105.	0.4	10
15	Assessing Functional Roles of the Senescence-Associated Secretory Phenotype (SASP). Methods in Molecular Biology, 2019, 1896, 45-55.	0.4	20
16	Targetable mechanisms driving immunoevasion of persistent senescent cells link chemotherapy-resistant cancer to aging. JCI Insight, 2019, 4, .	2.3	90
17	Cellular senescence, geroscience, cancer and beyond. Aging, 2018, 10, 2233-2242.	1.4	6
18	Sensitive molecular detection of small nodal metastasis in uterine cervical cancer using HPV16-E6/CK19/MUC1 cancer biomarkers. Oncotarget, 2018, 9, 21641-21654.	0.8	1

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19	A Proinflammatory Secretome Mediates the Impaired Immunopotency of Human Mesenchymal Stromal Cells in Elderly Patients with Atherosclerosis. Stem Cells Translational Medicine, 2017, 6, 1132-1140.	1.6	46
20	Four <scp>PTEN</scp>â€targeting coâ€expressed mi<scp>RNA</scp>s and <scp>ACTN</scp>4â€targeting mi<scp>R</scp>â€548b are independent prognostic biomarkers in human squamous cell carcinoma of the oral tongue. International Journal of Cancer, 2017, 141, 2318-2328.	2.3	20
21	Cell biology and carcinogenesis in older people. , 2017, , 691-698.		0
22	Keeping the senescence secretome under control: Molecular reins on the senescence-associated secretory phenotype. Experimental Gerontology, 2016, 82, 39-49.	1.2	186
23	Lymphocytic Microparticles Modulate Angiogenic Properties of Macrophages in Laser-induced Choroidal Neovascularization. Scientific Reports, 2016, 6, 37391.	1.6	20
24	Premature aging/senescence in cancer cells facing therapy: good or bad?. Biogerontology, 2016, 17, 71-87.	2.0	60
25	Increased IL-6 secretion by aged human mesenchymal stromal cells disrupts hematopoietic stem and progenitor cells' homeostasis. Oncotarget, 2016, 7, 13285-13296.	0.8	61
26	DDR-mediated crosstalk between DNA-damaged cells and their microenvironment. Frontiers in Genetics, 2015, 6, 94.	1.1	83
27	Therapeutic targeting of replicative immortality. Seminars in Cancer Biology, 2015, 35, S104-S128.	4.3	49
28	Manipulating senescence in health and disease: emerging tools. Cell Cycle, 2015, 14, 1613-1614.	1.3	7
29	An Essential Role for Senescent Cells in Optimal Wound Healing through Secretion of PDGF-AA. Developmental Cell, 2014, 31, 722-733.	3.1	1,376
30	Cell cycle-dependent localization of CHK2 at centrosomes during mitosis. Cell Division, 2013, 8, 7.	1.1	16
31	Detection of the Senescence-Associated Secretory Phenotype (SASP). Methods in Molecular Biology, 2013, 965, 165-173.	0.4	51
32	p53-dependent release of Alarmin HMGB1 is a central mediator of senescent phenotypes. Journal of Cell Biology, 2013, 201, 613-629.	2.3	344
33	p53-dependent release of Alarmin HMGB1 is a central mediator of senescent phenotypes. Journal of Experimental Medicine, 2013, 210, i3-i3.	4.2	0
34	Glucocorticoids suppress selected components of the senescenceâ€associated secretory phenotype. Aging Cell, 2012, 11, 569-578.	3.0	172
35	Necdin modulates proliferative cell survival of human cells in response to radiation-induced genotoxic stress. BMC Cancer, 2012, 12, 234.	1.1	7
36	The Autophagy-Senescence Connection in Chemotherapy: Must Tumor Cells (Self) Eat Before They Sleep?. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 763-778.	1.3	112

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37	Necdin, a p53-Target Gene, Is an Inhibitor of p53-Mediated Growth Arrest. PLoS ONE, 2012, 7, e31916.	1.1	11
38	Abstract 4652: The autophagy-senescence connection in chemotherapy of breast tumor cells; senescence accelerated by autophagy but not dependent on autophagy. Cancer Research, 2012, 72, 4652-4652.	0.4	11
39	ATM Suppresses SATB1-Induced Malignant Progression in Breast Epithelial Cells. PLoS ONE, 2012, 7, e51786.	1.1	20
40	Four faces of cellular senescence. Journal of Cell Biology, 2011, 192, 547-556.	2.3	1,644
41	DNA-SCARS: distinct nuclear structures that sustain damage-induced senescence growth arrest and inflammatory cytokine secretion. Journal of Cell Science, 2011, 124, 68-81.	1.2	413
42	Tumor Suppressor and Aging Biomarker p16INK4a Induces Cellular Senescence without the Associated Inflammatory Secretory Phenotype. Journal of Biological Chemistry, 2011, 286, 36396-36403.	1.6	380
43	Abstract A3: p53-dependent release of alarmin HMGB1 is a central mediator of senescent phenotypes. , 2011, , .		0
44	Ionizing radiationâ€induced longâ€term expression of senescence markers in mice is independent of p53 and immune status. Aging Cell, 2010, 9, 398-409.	3.0	131
45	p16^{INK4a}â€mediated suppression of telomerase in normal and malignant human breast cells. Aging Cell, 2010, 9, 736-746.	3.0	22
46	A Human-Like Senescence-Associated Secretory Phenotype Is Conserved in Mouse Cells Dependent on Physiological Oxygen. PLoS ONE, 2010, 5, e9188.	1.1	356
47	MicroRNAs miR-146a/b negatively modulate the senescence-associated inflammatory mediators IL-6 and IL-8. Aging, 2009, 1, 402-411.	1.4	420
48	A Versatile Viral System for Expression and Depletion of Proteins in Mammalian Cells. PLoS ONE, 2009, 4, e6529.	1.1	805
49	The Polycomb Group Gene<i>Bmi1</i>Regulates Antioxidant Defenses in Neurons by Repressing<i>p53</i>Pro-Oxidant Activity. Journal of Neuroscience, 2009, 29, 529-542.	1.7	133
50	When DNA damage goes invisible. Cell Cycle, 2009, 8, 3631-3635.	1.3	6
51	Persistent DNA damage signalling triggers senescence-associated inflammatory cytokine secretion. Nature Cell Biology, 2009, 11, 973-979.	4.6	1,734
52	Telomere dysfunction and cell survival: roles for distinct TIN2-containing complexes. Journal of Cell Biology, 2008, 181, 447-460.	2.3	50
53	Ku80 Deletion Suppresses Spontaneous Tumors and Induces a p53-Mediated DNA Damage Response. Cancer Research, 2008, 68, 9497-9502.	0.4	23
54	Effect of Ku80 Deficiency on Mutation Frequencies and Spectra at a LacZ Reporter Locus in Mouse Tissues and Cells. PLoS ONE, 2008, 3, e3458.	1.1	13

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55	Senescence-Associated Secretory Phenotypes Reveal Cell-Nonautonomous Functions of Oncogenic RAS and the p53 Tumor Suppressor. PLoS Biology, 2008, 6, e301.	2.6	3,067
56	Two faces of p53: aging and tumor suppression. Nucleic Acids Research, 2007, 35, 7475-7484.	6.5	328
57	Caspase-independent cytochrome c release is a sensitive measure of low-level apoptosis in cell culture models. Aging Cell, 2005, 4, 217-222.	3.0	26
58	Cancer and aging: the importance of telomeres in genome maintenance. International Journal of Biochemistry and Cell Biology, 2005, 37, 977-990.	1.2	122
59	Microarray analysis of gene expression mirrors the biology of an ovarian cancer model. Oncogene, 2001, 20, 6617-6626.	2.6	70
60	Polyomavirus large T-antigen protects mouse cells from Fas-, TNF-Î±- and taxol-induced apoptosis. Oncogene, 2000, 19, 6261-6270.	2.6	9