

Vasilis Gorgoulis

List of Publications by Year in Descending Order

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

298
papers

17,880
citations

61
h-index

128
g-index

336
ext. papers

20,864
ext. citations

8.2
avg, IF

6.55
L-index

#	Paper	IF	Citations
298	Pulmonary infection by SARS-CoV-2 induces senescence accompanied by an inflammatory phenotype in severe COVID-19: possible implications for viral mutagenesis.. <i>European Respiratory Journal</i> , 2022 ,	13.6	8
297	Inhaled corticosteroids reduce senescence in endothelial progenitor cells from patients with COPD.. <i>Thorax</i> , 2022 ,	7.3	2
296	Premalignant lesions and cellular senescence 2022 , 29-60		
295	Key biological mechanisms involved in high-LET radiation therapies with a focus on DNA damage and repair.. <i>Expert Reviews in Molecular Medicine</i> , 2022 , 24, e15	6.7	1
294	Escape from senescence: revisiting cancer therapeutic strategies.. <i>Molecular and Cellular Oncology</i> , 2022 , 9, 2030158	1.2	1
293	Molecular biomarkers in cardio-oncology: Where we stand and where we are heading.. <i>BioEssays</i> , 2022 , e2100234	4.1	0
292	Discovery of a new generation of angiotensin receptor blocking drugs: receptor mechanisms and in silico binding to enzymes relevant to covid-19.. <i>Computational and Structural Biotechnology Journal</i> , 2022 ,	6.8	2
291	CRISPR-Cas9-mediated induction of large chromosomal inversions in human bronchial epithelial cells.. <i>STAR Protocols</i> , 2022 , 3, 101257	1.4	0
290	Identification of coronavirus particles by electron microscopy: a complementary tool for deciphering COVID-19.. <i>European Respiratory Journal</i> , 2022 ,	13.6	0
289	Machine Learning: A Tool to Shape the Future of Medicine. <i>Studies in Big Data</i> , 2022 , 177-218	0.9	1
288	Senescence 2021 , 1391-1402		
287	Assessing Drug Development Risk Using Big Data and Machine Learning. <i>Cancer Research</i> , 2021 , 81, 816-819	8.9	2
286	A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. <i>Molecular Cell</i> , 2021 , 81, 4907-4923.e8	17.6	6
285	Cellular senescence as a source of SARS-CoV-2 quasispecies. <i>FEBS Journal</i> , 2021 ,	5.7	4
284	Upregulation of Human Endogenous Retroviruses in Bronchoalveolar Lavage Fluid of COVID-19 Patients. <i>Microbiology Spectrum</i> , 2021 , 9, e0126021	8.9	7
283	The Role of Circular RNAs in DNA Damage Response and Repair. <i>Cancers</i> , 2021 , 13,	6.6	2
282	A Guide for Using Transmission Electron Microscopy for Studying the Radiosensitizing Effects of Gold Nanoparticles In Vitro. <i>Nanomaterials</i> , 2021 , 11,	5.4	4

281	Implication of Dietary Iron-Chelating Bioactive Compounds in Molecular Mechanisms of Oxidative Stress-Induced Cell Ageing. <i>Antioxidants</i> , 2021 , 10,	7.1	3
280	Algorithmic assessment of cellular senescence in experimental and clinical specimens. <i>Nature Protocols</i> , 2021 , 16, 2471-2498	18.8	23
279	Influence of the microenvironment on modulation of the host response by typhoid toxin. <i>Cell Reports</i> , 2021 , 35, 108931	10.6	9
278	Cockayne Syndrome Group B (CSB): The Regulatory Framework Governing the Multifunctional Protein and Its Plausible Role in Cancer. <i>Cells</i> , 2021 , 10,	7.9	3
277	Physiological hypoxia restrains the senescence-associated secretory phenotype via AMPK-mediated mTOR suppression. <i>Molecular Cell</i> , 2021 , 81, 2041-2052.e6	17.6	14
276	Induction of APOBEC3 Exacerbates DNA Replication Stress and Chromosomal Instability in Early Breast and Lung Cancer Evolution. <i>Cancer Discovery</i> , 2021 , 11, 2456-2473	24.4	13
275	SARS-CoV-2 Antigenemia as a Confounding Factor in Immunodiagnostic Assays: A Case Study. <i>Viruses</i> , 2021 , 13,	6.2	4
274	Bacterial genotoxins induce T cell senescence. <i>Cell Reports</i> , 2021 , 35, 109220	10.6	3
273	Regulatory and Functional Involvement of Long Non-Coding RNAs in DNA Double-Strand Break Repair Mechanisms. <i>Cells</i> , 2021 , 10,	7.9	3
272	Nanomedicine: Photo-activated nanostructured titanium dioxide, as a promising anticancer agent. <i>Pharmacology & Therapeutics</i> , 2021 , 222, 107795	13.9	12
271	Sample pooling strategies for SARS-CoV-2 detection. <i>Journal of Virological Methods</i> , 2021 , 289, 114044	2.6	13
270	Biological Effect of Silver-modified Nanostructured Titanium Dioxide in Cancer. <i>Cancer Genomics and Proteomics</i> , 2021 , 18, 425-439	3.3	2
269	Non-Canonical Functions of the ARF Tumor Suppressor in Development and Tumorigenesis. <i>Biomolecules</i> , 2021 , 11,	5.9	7
268	Hepatic Senescence Accompanies the Development of NAFLD in Non-Aged Mice Independently of Obesity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
267	COVID-19 Immunobiology: Lessons Learned, New Questions Arise. <i>Frontiers in Immunology</i> , 2021 , 12, 719023	8.4	7
266	Evaluation of senescent cells in intervertebral discs by lipofuscin staining. <i>Mechanisms of Ageing and Development</i> , 2021 , 199, 111564	5.6	1
265	Machine Learning Approaches on High Throughput NGS Data to Unveil Mechanisms of Function in Biology and Disease. <i>Cancer Genomics and Proteomics</i> , 2021 , 18, 605-626	3.3	6
264	RASSF1A disrupts the NOTCH signaling axis via SNURF/RNF4-mediated ubiquitination of HES1.. <i>EMBO Reports</i> , 2021 , e51287	6.5	0

263	Direct U-series dating of the Apidima C human remains 2021 , 37-55		
262	Chronic expression of p16 in the epidermis induces Wnt-mediated hyperplasia and promotes tumor initiation. <i>Nature Communications</i> , 2020 , 11, 2711	17.4	19
261	Karyotypic Flexibility of the Complex Cancer Genome and the Role of Polyploidization in Maintenance of Structural Integrity of Cancer Chromosomes. <i>Cancers</i> , 2020 , 12,	6.6	2
260	TH1579, MTH1 inhibitor, delays tumour growth and inhibits metastases development in osteosarcoma model. <i>EBioMedicine</i> , 2020 , 53, 102704	8.8	8
259	Conditioning attenuates kidney and heart injury in rats following transient suprarenal occlusion of the abdominal aorta. <i>Scientific Reports</i> , 2020 , 10, 5040	4.9	1
258	Aging, Cellular Senescence, and Progressive Multiple Sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 178	6.1	18
257	Unique Spatial Immune Profiling in Pancreatic Ductal Adenocarcinoma with Enrichment of Exhausted and Senescent T Cells and Diffused CD47-SIRP α Expression. <i>Cancers</i> , 2020 , 12,	6.6	8
256	mTORC1-dependent protein synthesis and autophagy uncouple in the regulation of Apolipoprotein A-I expression. <i>Metabolism: Clinical and Experimental</i> , 2020 , 105, 154186	12.7	7
255	Implications of Oxidative Stress and Cellular Senescence in Age-Related Thymus Involution. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7986071	6.7	20
254	Deep learning: shaping the medicine of tomorrow. <i>Molecular and Cellular Oncology</i> , 2020 , 7, 1723462	1.2	2
253	Cell-autonomous epithelial activation of AIM2 (absent in melanoma-2) inflammasome by cytoplasmic DNA accumulations in primary Sjögren's syndrome. <i>Journal of Autoimmunity</i> , 2020 , 108, 102381	15.5	9
252	MTH1 favors mesothelioma progression and mediates paracrine rescue of bystander endothelium from oxidative damage. <i>JCI Insight</i> , 2020 , 5,	9.9	5
251	In Situ Detection of miRNAs in Senescent Cells in Archival Material. <i>Healthy Ageing and Longevity</i> , 2020 , 147-162	0.5	
250	Analytic methods for systems medicine 2020 , 229-248		
249	Tissue-infiltrating macrophages mediate an exosome-based metabolic reprogramming upon DNA damage. <i>Nature Communications</i> , 2020 , 11, 42	17.4	25
248	Cellular senescence and failure of myelin repair in multiple sclerosis. <i>Mechanisms of Ageing and Development</i> , 2020 , 192, 111366	5.6	3
247	Autophagy role(s) in response to oncogenes and DNA replication stress. <i>Cell Death and Differentiation</i> , 2020 , 27, 1134-1153	12.7	37
246	HPV16 E6/E7 expression in circulating tumor cells in oropharyngeal squamous cell cancers: A pilot study. <i>PLoS ONE</i> , 2019 , 14, e0215984	3.7	10

245	Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. <i>Autophagy</i> , 2019 , 15, 1757-1773	10.2	19
244	A Functional Immune System Is Required for the Systemic Genotoxic Effects of Localized Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 1184-1193	4	16
243	Senescence and senotherapeutics: a new field in cancer therapy. <i>Pharmacology & Therapeutics</i> , 2019 , 193, 31-49	13.9	83
242	Machine learning and data mining frameworks for predicting drug response in cancer: An overview and a novel in silico screening process based on association rule mining. <i>Pharmacology & Therapeutics</i> , 2019 , 203, 107395	13.9	35
241	Apidima Cave fossils provide earliest evidence of Homo sapiens in Eurasia. <i>Nature</i> , 2019 , 571, 500-504	50.4	105
240	Mitochondrial Homeostasis and Cellular Senescence. <i>Cells</i> , 2019 , 8,	7.9	77
239	Cellular Senescence: Defining a Path Forward. <i>Cell</i> , 2019 , 179, 813-827	56.2	646
238	Immunohisto(cyto)chemistry: an old time classic tool driving modern oncological therapies. <i>Histology and Histopathology</i> , 2019 , 34, 335-352	1.4	7
237	The Role of E3, E4 Ubiquitin Ligase (UBE4B) in Human Pathologies. <i>Cancers</i> , 2019 , 12,	6.6	6
236	A Deep Learning Framework for Predicting Response to Therapy in Cancer. <i>Cell Reports</i> , 2019 , 29, 3367-3376.e43	13.7	43
235	A Novel Quantitative Method for the Detection of Lipofuscin, the Main By-Product of Cellular Senescence, in Fluids. <i>Methods in Molecular Biology</i> , 2019 , 1896, 119-138	1.4	7
234	Versican modulates tumor-associated macrophage properties to stimulate mesothelioma growth. <i>Oncolmmunology</i> , 2019 , 8, e1537427	7.2	20
233	Hyperactivation of Nrf2 increases stress tolerance at the cost of aging acceleration due to metabolic deregulation. <i>Aging Cell</i> , 2019 , 18, e12845	9.9	29
232	Cura"x"ing Cancer and Beyond. <i>BioEssays</i> , 2019 , 41, e1800223	4.1	
231	In situ evidence of cellular senescence in Thymic Epithelial Cells (TECs) during human thymic involution. <i>Mechanisms of Ageing and Development</i> , 2019 , 177, 88-90	5.6	19
230	Ex vivo culture of cells derived from circulating tumour cell xenograft to support small cell lung cancer research and experimental therapeutics. <i>British Journal of Pharmacology</i> , 2019 , 176, 436-450	8.6	23
229	Mutant p53 cancers reprogram macrophages to tumor supporting macrophages via exosomal miR-1246. <i>Nature Communications</i> , 2018 , 9, 771	17.4	245
228	Mutant p53 gain of function underlies high expression levels of colorectal cancer stem cells markers. <i>Oncogene</i> , 2018 , 37, 1669-1684	9.2	57

227	Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. <i>Genome Biology</i> , 2018 , 19, 37	18.3	47
226	A prototypical non-malignant epithelial model to study genome dynamics and concurrently monitor micro-RNAs and proteins in situ during oncogene-induced senescence. <i>BMC Genomics</i> , 2018 , 19, 37	4.5	31
225	Targeting Tie-2/angiopoietin axis in experimental mesothelioma confers differential responses and raises predictive implications. <i>Oncotarget</i> , 2018 , 9, 21783-21796	3.3	4
224	LATS1 and LATS2 suppress breast cancer progression by maintaining cell identity and metabolic state. <i>Life Science Alliance</i> , 2018 , 1, e201800171	5.8	17
223	Ageing, Cellular Senescence and Neurodegenerative Disease. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	129
222	MST2 kinase suppresses rDNA transcription in response to DNA damage by phosphorylating nucleolar histone H2B. <i>EMBO Journal</i> , 2018 , 37,	13	17
221	Integrating the DNA damage and protein stress responses during cancer development and treatment. <i>Journal of Pathology</i> , 2018 , 246, 12-40	9.4	54
220	Geminin ablation in vivo enhances tumorigenesis through increased genomic instability. <i>Journal of Pathology</i> , 2018 , 246, 134-140	9.4	17
219	RNF20 and histone H2B ubiquitylation exert opposing effects in Basal-Like versus luminal breast cancer. <i>Cell Death and Differentiation</i> , 2017 , 24, 694-704	12.7	30
218	Unravelling a p73-regulated network: The role of a novel p73-dependent target, MIR3158, in cancer cell migration and invasiveness. <i>Cancer Letters</i> , 2017 , 388, 96-106	9.9	13
217	Robust, universal biomarker assay to detect senescent cells in biological specimens. <i>Aging Cell</i> , 2017 , 16, 192-197	9.9	120
216	Hepatocyte autotaxin expression promotes liver fibrosis and cancer. <i>Hepatology</i> , 2017 , 65, 1369-1383	11.2	90
215	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. <i>Cancer Research</i> , 2017 , 77, 6389-6399	10.1	23
214	Sudan Black B, The Specific Histochemical Stain for Lipofuscin: A Novel Method to Detect Senescent Cells. <i>Methods in Molecular Biology</i> , 2017 , 1534, 111-119	1.4	37
213	Monitoring Autophagy Immunohistochemically and Ultrastructurally during Human Head and Neck Carcinogenesis. Relationship with the DNA Damage Response Pathway. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	6
212	Proteome Stability as a Key Factor of Genome Integrity. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
211	Combined Virtual and Experimental Screening for CK1 Inhibitors Identifies a Modulator of p53 and Reveals Important Aspects of in Silico Screening Performance. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	6
210	Applying Broadband Dielectric Spectroscopy (BDS) for the Biophysical Characterization of Mammalian Tissues under a Variety of Cellular Stresses. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	3

209	Inflammation, DNA Damage, and Gastric Tumorigenesis. <i>Frontiers in Genetics</i> , 2017 , 8, 20	4.5	43
208	WWOX and p53 Dysregulation Synergize to Drive the Development of Osteosarcoma. <i>Cancer Research</i> , 2016 , 76, 6107-6117	10.1	25
207	Defective DNA repair and chromatin organization in patients with quiescent systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2016 , 18, 182	5.7	28
206	Validation and development of MTH1 inhibitors for treatment of cancer. <i>Annals of Oncology</i> , 2016 , 27, 2275-2283	10.3	77
205	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. <i>Cell</i> , 2016 , 167, 1264-1280.e182	5.82	60
204	SCF(Cyclin F)-dependent degradation of CDC6 suppresses DNA re-replication. <i>Nature Communications</i> , 2016 , 7, 10530	17.4	59
203	Chronic p53-independent p21 expression causes genomic instability by deregulating replication licensing. <i>Nature Cell Biology</i> , 2016 , 18, 777-89	23.4	165
202	RNF20 Links Histone H2B Ubiquitylation with Inflammation and Inflammation-Associated Cancer. <i>Cell Reports</i> , 2016 , 14, 1462-1476	10.6	76
201	Exploring and exploiting the systemic effects of deregulated replication licensing. <i>Seminars in Cancer Biology</i> , 2016 , 37-38, 3-15	12.7	27
200	The Typhoid Toxin Promotes Host Survival and the Establishment of a Persistent Asymptomatic Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005528	7.6	46
199	Ionizing radiation-mediated premature senescence and paracrine interactions with cancer cells enhance the expression of syndecan 1 in human breast stromal fibroblasts: the role of TGF- β . <i>Aging</i> , 2016 , 8, 1650-69	5.6	38
198	DNA Damage Response and Autophagy: A Meaningful Partnership. <i>Frontiers in Genetics</i> , 2016 , 7, 204	4.5	95
197	Progression of mouse skin carcinogenesis is associated with the orchestrated deregulation of mir-200 family members, mir-205 and their common targets. <i>Molecular Carcinogenesis</i> , 2016 , 55, 1229-42 ⁵		18
196	Mammalian RAD52 Functions in Break-Induced Replication Repair of Collapsed DNA Replication Forks. <i>Molecular Cell</i> , 2016 , 64, 1127-1134	17.6	164
195	N-bromotaurine surrogates for loss of antiproliferative response and enhances cisplatin efficacy in cancer cells with impaired glucocorticoid receptor. <i>Translational Research</i> , 2016 , 173, 58-73.e2	11	7
194	Apoptosis or senescence? Which exit route do epithelial cells and fibroblasts preferentially follow?. <i>Mechanisms of Ageing and Development</i> , 2016 , 156, 17-24	5.6	16
193	Unreplicated DNA remaining from unperturbed S phases passes through mitosis for resolution in daughter cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5757-64	11.5	78
192	The Janus face of p21. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1215776	1.2	4

191	The DNA damage response and immune signaling alliance: Is it good or bad? Nature decides when and where. <i>Pharmacology & Therapeutics</i> , 2015 , 154, 36-56	13.9	104
190	Age-associated inflammation connects RAS-induced senescence to stem cell dysfunction and epidermal malignancy. <i>Cell Death and Differentiation</i> , 2015 , 22, 1764-74	12.7	42
189	The nuclear oncogene SET controls DNA repair by KAP1 and HP1 retention to chromatin. <i>Cell Reports</i> , 2015 , 11, 149-63	10.6	61
188	IL-15 suppresses colitis-associated colon carcinogenesis by inducing antitumor immunity. <i>Oncotarget</i> , 2015 , 4, e1002721	7.2	16
187	The role of oxidative DNA damage in radiation induced bystander effect. <i>Cancer Letters</i> , 2015 , 356, 43-51	9.9	77
186	Oncogenic Role of the Ec Peptide of the IGF-1Ec Isoform in Prostate Cancer. <i>Molecular Medicine</i> , 2015 , 21, 167-79	6.2	16
185	Pharmacological inhibition of p38 MAPK reduces tumor growth in patient-derived xenografts from colon tumors. <i>Oncotarget</i> , 2015 , 6, 8539-51	3.3	27
184	Annexin A3 is a mammary marker and a potential neoplastic breast cell therapeutic target. <i>Oncotarget</i> , 2015 , 6, 21421-7	3.3	8
183	MicroRNAs Determining Inflammation as Novel Biomarkers and Potential Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2666-79	4.3	7
182	Dual function of p38MAPK in colon cancer: suppression of colitis-associated tumor initiation but requirement for cancer cell survival. <i>Cancer Cell</i> , 2014 , 25, 484-500	24.3	120
181	HPV-associated lung cancers: an international pooled analysis. <i>Carcinogenesis</i> , 2014 , 35, 1267-75	4.6	49
180	The oncogenic JUNB/CD30 axis contributes to cell cycle deregulation in ALK+ anaplastic large cell lymphoma. <i>British Journal of Haematology</i> , 2014 , 167, 514-23	4.5	20
179	MKK7 and ARF: new players in the DNA damage response scenery. <i>Cell Cycle</i> , 2014 , 13, 1227-36	4.7	10
178	Are common fragile sites merely structural domains or highly organized "functional" units susceptible to oncogenic stress?. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4519-44	10.3	43
177	Oncogene-induced reactive oxygen species fuel hyperproliferation and DNA damage response activation. <i>Cell Death and Differentiation</i> , 2014 , 21, 998-1012	12.7	195
176	ARF: a versatile DNA damage response ally at the crossroads of development and tumorigenesis. <i>Frontiers in Genetics</i> , 2014 , 5, 236	4.5	11
175	The relationship between E2F family members and tumor growth in colorectal adenocarcinomas: A comparative immunohistochemical study of 100 cases. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2014 , 22, 471-7	1.9	8
174	Epigenetic inactivation of DNA repair in breast cancer. <i>Cancer Letters</i> , 2014 , 342, 213-22	9.9	27

173	Mutant p53 Prolongs NF-κB Activation and Promotes Chronic Inflammation and Inflammation-Associated Colorectal Cancer. <i>Cancer Cell</i> , 2013 , 24, 272	24.3	3
172	The DNA damage checkpoint precedes activation of ARF in response to escalating oncogenic stress during tumorigenesis. <i>Cell Death and Differentiation</i> , 2013 , 20, 1485-97	12.7	50
171	Functional interplay between the DNA-damage-response kinase ATM and ARF tumour suppressor protein in human cancer. <i>Nature Cell Biology</i> , 2013 , 15, 967-77	23.4	104
170	Proteasome dysfunction in Drosophila signals to an Nrf2-dependent regulatory circuit aiming to restore proteostasis and prevent premature aging. <i>Aging Cell</i> , 2013 , 12, 802-13	9.9	86
169	Increased expression of phosphorylated NBS1, a key molecule of the DNA damage response machinery, is an adverse prognostic factor in patients with de novo myelodysplastic syndromes. <i>Leukemia Research</i> , 2013 , 37, 1576-82	2.7	12
168	Non-enzymatic post-translational protein modifications and proteostasis network deregulation in carcinogenesis. <i>Journal of Proteomics</i> , 2013 , 92, 274-98	3.9	47
167	Specific lipofuscin staining as a novel biomarker to detect replicative and stress-induced senescence. A method applicable in cryo-preserved and archival tissues. <i>Aging</i> , 2013 , 5, 37-50	5.6	182
166	Mutant p53 prolongs NF-κB activation and promotes chronic inflammation and inflammation-associated colorectal cancer. <i>Cancer Cell</i> , 2013 , 23, 634-46	24.3	311
165	Differential regulation of proteasome functionality in reproductive vs. somatic tissues of Drosophila during aging or oxidative stress. <i>FASEB Journal</i> , 2013 , 27, 2407-20	0.9	74
164	Dysfunction of endothelial progenitor cells from smokers and chronic obstructive pulmonary disease patients due to increased DNA damage and senescence. <i>Stem Cells</i> , 2013 , 31, 2813-26	5.8	112
163	TPL2 kinase is a suppressor of lung carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E1470-9	11.5	39
162	168 CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN SMOKERS ARE DYSFUNCTIONAL DUE TO INCREASED DNA DAMAGE AND SENESCENCE. <i>Heart</i> , 2013 , 99, A97.2-A98	5.1	
161	T5 Circulating endothelial progenitor cells in smokers and patients with COPD are dysfunctional due to increased DNA damage and senescence. <i>Thorax</i> , 2013 , 68, A2.3-A3	7.3	1
160	The Novel Proteasome Inhibitors Carfilzomib and Oprozomib Induce Milder Degenerative Effects Compared To Bortezomib When Administered Via Oral Feeding In An In Vivo Drosophila Experimental Model: A Biological Platform To Evaluate Safety/Efficacy Of Proteasome Inhibitors. <i>PLoS ONE</i> , 2013 , 8, e66313	2.2	1
159	Molecular Analyses Of The Effects Induced By Orally Administered Bortezomib In Drosophila Flies: A Novel In Vivo Experimental Platform To Screen For The Tissue- and Age-Dependent Effects Of Proteasome Inhibitors. <i>Blood</i> , 2013 , 122, 2910-2910	2.2	1
158	Targeting DNA damage and repair: embracing the pharmacological era for successful cancer therapy. <i>Pharmacology & Therapeutics</i> , 2012 , 133, 334-50	13.9	77
157	The canonical NF-κB pathway differentially protects normal and human tumor cells from ROS-induced DNA damage. <i>Cellular Signalling</i> , 2012 , 24, 2007-23	4.9	32
156	The single nucleotide polymorphism g.1548A >G (K469E) of the ICAM-1 gene is associated with worse prognosis in non-small cell lung cancer. <i>Tumor Biology</i> , 2012 , 33, 1429-36	2.9	18

155	Do pre-analytical parameters explain KRAS test sensitivity disparities?. <i>Journal of Molecular Diagnostics</i> , 2012 , 14, 631-3; author reply 632-3	5.1	1
154	Apoptotic and proliferative status in HPV (+) and HPV (-) inverted papilloma patients. Correlation with local recurrence and clinicopathological variables. <i>Pathology Research and Practice</i> , 2012 , 208, 338-43	2.4	11
153	Cdc6: a multi-functional molecular switch with critical role in carcinogenesis. <i>Transcription</i> , 2012 , 3, 124-9	4.8	25
152	PIG3: a novel link between oxidative stress and DNA damage response in cancer. <i>Cancer Letters</i> , 2012 , 327, 97-102	9.9	43
151	Implementation of formalin-fixed, paraffin-embedded cell line pellets as high-quality process controls in quality assessment programs for KRAS mutation analysis. <i>Journal of Molecular Diagnostics</i> , 2012 , 14, 187-91	5.1	11
150	Progression of mouse skin carcinogenesis is associated with increased ER α levels and is repressed by a dominant negative form of ER α . <i>PLoS ONE</i> , 2012 , 7, e41957	3.7	7
149	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
148	Detection of herpes simplex virus-1 and -2 in cardiac myxomas. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 823949		7
147	The tumor suppressor gene ARF as a sensor of oxidative stress. <i>Current Molecular Medicine</i> , 2012 , 12, 704-15	2.5	18
146	A single-nucleotide substitution mutator phenotype revealed by exome sequencing of human colon adenomas. <i>Cancer Research</i> , 2012 , 72, 6279-89	10.1	50
145	Bacterial delivery of large intact genomic-DNA-containing BACs into mammalian cells. <i>Bioengineered</i> , 2012 , 3, 86-92	5.7	9
144	Genomic Instability, Inflammation, and Cancer. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 1-1		106
143	Upregulation and nuclear localization of TNF-like cytokine 1A (TL1A) and its receptors DR3 and DcR3 in psoriatic skin lesions. <i>Experimental Dermatology</i> , 2011 , 20, 725-31	4	54
142	Interplay between oncogene-induced DNA damage response and heterochromatin in senescence and cancer. <i>Nature Cell Biology</i> , 2011 , 13, 292-302	23.4	251
141	The stress kinase MKK7 couples oncogenic stress to p53 stability and tumor suppression. <i>Nature Genetics</i> , 2011 , 43, 212-9	36.3	80
140	Simultaneous over activation of EGFR, telomerase (h TERT), and cyclin D1 correlates with advanced disease in larynx squamous cell carcinoma: a tissue microarray analysis. <i>Medical Oncology</i> , 2011 , 28, 871-7	3.7	9
139	Loss of p14(ARF) confers resistance to heat shock- and oxidative stress-mediated cell death by upregulating E-cadherin. <i>International Journal of Cancer</i> , 2011 , 128, 1989-95	7.5	16
138	Effects of prolonged warm and cold ischemia in a solitary kidney animal model after partial nephrectomy: an ultrastructural investigation. <i>Ultrastructural Pathology</i> , 2011 , 35, 60-5	1.3	7

137	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. <i>Journal of Cell Biology</i> , 2011 , 195, 1123-40	7.3	71
136	External quality assessment for KRAS testing is needed: setup of a European program and report of the first joined regional quality assessment rounds. <i>Oncologist</i> , 2011 , 16, 467-78	5.7	75
135	Sp1 binds to the external promoter of the p73 gene and induces the expression of TAp73gamma in lung cancer. <i>FEBS Journal</i> , 2010 , 277, 3014-27	5.7	15
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5	A Machine Learning approach for assessing drug development risk		1
4	Deep Learning and Association Rule Mining for Predicting Drug Response in Cancer. A Personalised Medicine Approach		8
3	Mutational signatures reveal the role of RAD52 in p53-independent p21 driven genomic instability		1
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