

Vasilis Gorgoulis

List of Publications by Citations

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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	Activation of the DNA damage checkpoint and genomic instability in human precancerous lesions. <i>Nature</i> , 2005 , 434, 907-13	50.4	1676
297	Oncogene-induced senescence is part of the tumorigenesis barrier imposed by DNA damage checkpoints. <i>Nature</i> , 2006 , 444, 633-7	50.4	1495
296	Genomic instability--an evolving hallmark of cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2010 , 11, 220-8	48.7	1393
295	An oncogene-induced DNA damage model for cancer development. <i>Science</i> , 2008 , 319, 1352-5	33.3	1377
294	Methylated lysine 79 of histone H3 targets 53BP1 to DNA double-strand breaks. <i>Nature</i> , 2004 , 432, 406-10	30.4	742
293	Cellular Senescence: Defining a Path Forward. <i>Cell</i> , 2019 , 179, 813-827	56.2	646
292	Mutant p53 prolongs NF- κ B activation and promotes chronic inflammation and inflammation-associated colorectal cancer. <i>Cancer Cell</i> , 2013 , 23, 634-46	24.3	311
291	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
290	Mutant p53 cancers reprogram macrophages to tumor supporting macrophages via exosomal miR-1246. <i>Nature Communications</i> , 2018 , 9, 771	17.4	245
289	Hypomethylation of retrotransposable elements correlates with genomic instability in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2009 , 124, 81-7	7.5	225
288	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
287	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
286	Oncogene-induced senescence: the bright and dark side of the response. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 816-27	9	169
285	Chronic p53-independent p21 expression causes genomic instability by deregulating replication licensing. <i>Nature Cell Biology</i> , 2016 , 18, 777-89	23.4	165
284	Mammalian RAD52 Functions in Break-Induced Replication Repair of Collapsed DNA Replication Forks. <i>Molecular Cell</i> , 2016 , 64, 1127-1134	17.6	164
283	"High risk" HPV types are frequently detected in potentially malignant and malignant oral lesions, but not in normal oral mucosa. <i>Modern Pathology</i> , 2000 , 13, 644-53	9.8	160
282	Deregulated overexpression of hCdt1 and hCdc6 promotes malignant behavior. <i>Cancer Research</i> , 2007 , 67, 10899-909	10.1	158

281	Mutant p53 enhances nuclear factor kappaB activation by tumor necrosis factor alpha in cancer cells. <i>Cancer Research</i> , 2007 , 67, 2396-401	10.1	156
280	Overexpression of the replication licensing regulators hCdt1 and hCdc6 characterizes a subset of non-small-cell lung carcinomas: synergistic effect with mutant p53 on tumor growth and chromosomal instability--evidence of E2F-1 transcriptional control over hCdt1. <i>American Journal of Pathology</i> , 2007 , 115, 1251-1257	5.8	143
279	Acute doxorubicin cardiotoxicity is successfully treated with the phytochemical oleuropein through suppression of oxidative and nitrosative stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 549-58	5.8	141
278	Advances in the biology of oral cancer. <i>Oral Oncology</i> , 2007 , 43, 523-34	4.4	136
277	Transcription factor E2F-1 acts as a growth-promoting factor and is associated with adverse prognosis in non-small cell lung carcinomas. <i>Journal of Pathology</i> , 2002 , 198, 142-56	9.4	135
276	Oncogene-induced replication stress preferentially targets common fragile sites in preneoplastic lesions. A genome-wide study. <i>Oncogene</i> , 2008 , 27, 3256-64	9.2	132
275	Ageing, Cellular Senescence and Neurodegenerative Disease. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	129
274	Intracellular clusterin inhibits mitochondrial apoptosis by suppressing p53-activating stress signals and stabilizing the cytosolic Ku70-Bax protein complex. <i>Clinical Cancer Research</i> , 2009 , 15, 48-59	12.9	121
273	Robust, universal biomarker assay to detect senescent cells in biological specimens. <i>Aging Cell</i> , 2017 , 16, 192-197	9.9	120
272	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
271	Involvement of E2F transcription factor family in cancer. <i>European Journal of Cancer</i> , 2005 , 41, 2403-14	7.5	120
270	p57KIP2: "Kip"ing the cell under control. <i>Molecular Cancer Research</i> , 2009 , 7, 1902-19	6.6	114
269	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
268	Genomic Instability, Inflammation, and Cancer. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 1-1		106
267	Apidima Cave fossils provide earliest evidence of Homo sapiens in Eurasia. <i>Nature</i> , 2019 , 571, 500-504	50.4	105
266	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
265	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
264	DNA Damage Response and Autophagy: A Meaningful Partnership. <i>Frontiers in Genetics</i> , 2016 , 7, 204	4.5	95

263	The role of ATF-2 in oncogenesis. <i>BioEssays</i> , 2008 , 30, 314-27	4.1	94
262	Leg wound infection after coronary artery bypass grafting: a meta-analysis comparing minimally invasive versus conventional vein harvesting. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 2141-6	2.7	94
261	Alterations of the p16-pRb pathway and the chromosome locus 9p21-22 in non-small-cell lung carcinomas: relationship with p53 and MDM2 protein expression. <i>American Journal of Pathology</i> , 1998 , 153, 1749-65	5.8	92
260	Hepatocyte autotaxin expression promotes liver fibrosis and cancer. <i>Hepatology</i> , 2017 , 65, 1369-1383	11.2	90
259	Vascular endothelial growth factor (VEGF) is expressed by neoplastic Hodgkin-Reed-Sternberg cells in Hodgkin's disease. <i>Journal of Pathology</i> , 2002 , 197, 677-83	9.4	89
258	Proteasome dysfunction in <i>Drosophila</i> 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
257	Senescence and senotherapeutics: a new field in cancer therapy. <i>Pharmacology & Therapeutics</i> , 2019 , 193, 31-49	13.9	83
256	p53-dependent ICAM-1 overexpression in senescent human cells identified in atherosclerotic lesions. <i>Laboratory Investigation</i> , 2005 , 85, 502-11	5.9	82
255	The stress kinase MKK7 couples oncogenic stress to p53 stability and tumor suppression. <i>Nature Genetics</i> , 2011 , 43, 212-9	36.3	80
254	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
253	The role of oxidative DNA damage in radiation induced bystander effect. <i>Cancer Letters</i> , 2015 , 356, 43-51	9.9	77
252	Validation and development of MTH1 inhibitors for treatment of cancer. <i>Annals of Oncology</i> , 2016 , 27, 2275-2283	10.3	77
251	Mitochondrial Homeostasis and Cellular Senescence. <i>Cells</i> , 2019 , 8,	7.9	77
250	Targeting DNA damage and repair: embracing the pharmacological era for successful cancer therapy. <i>Pharmacology & Therapeutics</i> , 2012 , 133, 334-50	13.9	77
249	RNF20 Links Histone H2B Ubiquitylation with Inflammation and Inflammation-Associated Cancer. <i>Cell Reports</i> , 2016 , 14, 1462-1476	10.6	76
248	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
247	p53 activates ICAM-1 (CD54) expression in an NF-kappaB-independent manner. <i>EMBO Journal</i> , 2003 , 22, 1567-78	13	75
246	Differential regulation of proteasome functionality in reproductive vs. somatic tissues of <i>Drosophila</i> during aging or oxidative stress. <i>FASEB Journal</i> , 2013 , 27, 2407-20	0.9	74

245	SRC-induced disassembly of adherens junctions requires localized phosphorylation and degradation of the rac activator tiam1. <i>Molecular Cell</i> , 2009 , 33, 639-53	17.6	74
244	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
243	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. <i>Journal of Cell Biology</i> , 2011 , 195, 1123-40	7.3	71
242	Distinct expression patterns of the transcription factor E2F-1 in relation to tumour growth parameters in common human carcinomas. <i>Journal of Pathology</i> , 2004 , 203, 744-53	9.4	71
241	Human papilloma virus (HPV) is possibly involved in laryngeal but not in lung carcinogenesis. <i>Human Pathology</i> , 1999 , 30, 274-83	3.7	70
240	Downregulation of the KIP family members p27(KIP1) and p57(KIP2) by SKP2 and the role of methylation in p57(KIP2) inactivation in nonsmall cell lung cancer. <i>International Journal of Cancer</i> , 2006 , 119, 2546-56	7.5	64
239	A Deep Learning Framework for Predicting Response to Therapy in Cancer. <i>Cell Reports</i> , 2019 , 29, 3367-3373.e43	13.7	63
238	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
237	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. <i>Cell</i> , 2016 , 167, 1264-1280.e182	9.8	60
236	SCF(Cyclin F)-dependent degradation of CDC6 suppresses DNA re-replication. <i>Nature Communications</i> , 2016 , 7, 10530	17.4	59
235	Imatinib for the treatment of refractory, diffuse systemic sclerosis. <i>Rheumatology</i> , 2008 , 47, 735-7	3.9	59
234	Expression of EGF, TGF-alpha and EGFR in squamous cell lung carcinomas. <i>Anticancer Research</i> , 1992 , 12, 1183-7	2.3	59
233	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
232	Molecular aspects of multiple myeloma. <i>Annals of Oncology</i> , 2000 , 11, 1217-28	10.3	55
231	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
230	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
229	Oxidized LDL in human carotid plaques is related to symptomatic carotid disease and lesion instability. <i>Journal of Vascular Surgery</i> , 2010 , 52, 704-13	3.5	53
228	Gene amplification is a relatively frequent event leading to ZBTB7A (Pokemon) overexpression in non-small cell lung cancer. <i>Journal of Pathology</i> , 2007 , 213, 294-302	9.4	51

227	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
226	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
225	Valosin-containing protein phosphorylation at Ser784 in response to DNA damage. <i>Cancer Research</i> , 2005 , 65, 7533-40	10.1	50
224	HPV-associated lung cancers: an international pooled analysis. <i>Carcinogenesis</i> , 2014 , 35, 1267-75	4.6	49
223	Centrosome abnormalities are frequently observed in non-small-cell lung cancer and are associated with aneuploidy and cyclin E overexpression. <i>Journal of Pathology</i> , 2006 , 209, 512-21	9.4	48
222	Assessment of mycobacterial, propionibacterial, and human herpesvirus 8 DNA in tissues of greek patients with sarcoidosis. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 3060-3	9.7	48
221	Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. <i>Genome Biology</i> , 2018 , 19, 37	18.3	47
220	Non-enzymatic post-translational protein modifications and proteostasis network deregulation in carcinogenesis. <i>Journal of Proteomics</i> , 2013 , 92, 274-98	3.9	47
219	The Typhoid Toxin Promotes Host Survival and the Establishment of a Persistent Asymptomatic Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005528	7.6	46
218	Overexpression of activating transcription factor-2 is required for tumor growth and progression in mouse skin tumors. <i>Cancer Research</i> , 2004 , 64, 8573-84	10.1	45
217	Diagnostic and prognostic significance of squamous cell carcinoma antigen in non-small cell lung cancer. <i>Lung Cancer</i> , 2001 , 32, 137-44	5.9	44
216	Inflammation, DNA Damage, and Gastric Tumorigenesis. <i>Frontiers in Genetics</i> , 2017 , 8, 20	4.5	43
215	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
214	PIG3: a novel link between oxidative stress and DNA damage response in cancer. <i>Cancer Letters</i> , 2012 , 327, 97-102	9.9	43
213	Cytokine serum levels in patients with chronic HCV infection. <i>Journal of Clinical Laboratory Analysis</i> , 2002 , 16, 40-6	3	43
212	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
211	Modulation of the E2F1-driven cancer cell fate by the DNA damage response machinery and potential novel E2F1 targets in osteosarcomas. <i>American Journal of Pathology</i> , 2009 , 175, 376-91	5.8	42
210	Proliferation, but not apoptosis, is associated with distinct beta-catenin expression patterns in non-small-cell lung carcinomas: relationship with adenomatous polyposis coli and G(1)-to S-phase cell-cycle regulators. <i>American Journal of Pathology</i> , 2002 , 161, 1619-34	5.8	40

209	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
208	A molecular and immunohistochemical study of the MDM2 protein isoforms and p53 gene product in bronchogenic carcinoma. <i>Journal of Pathology</i> , 1996 , 180, 129-37	9.4	39
207	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
206	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
205	The proinflammatory phenotype of senescent cells: the p53-mediated ICAM-1 expression. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1019, 330-2	6.5	37
204	Electron microscopy evidence that cytoplasmic localization of the p16(INK4A) "nuclear" cyclin-dependent kinase inhibitor (CKI) in tumor cells is specific and not an artifact. A study in non-small cell lung carcinomas. <i>Biotechnic and Histochemistry</i> , 2004 , 79, 5-10	1.8	37
203	Expression of epidermal growth factor (EGF) and epidermal growth factor receptor (EGFR) in gastric and colorectal carcinomas. An immunohistological study of 63 cases. <i>Pathology Research and Practice</i> , 1993 , 189, 133-7	3.4	37
202	Autophagy role(s) in response to oncogenes and DNA replication stress. <i>Cell Death and Differentiation</i> , 2020 , 27, 1134-1153	12.7	37
201	Inactivating mutations targeting the chfr mitotic checkpoint gene in human lung cancer. <i>Cancer Research</i> , 2003 , 63, 7185-9	10.1	36
200	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
199	Altered Expression of the Cell Cycle Regulatory Molecules pRb, p53 and MDM2 Exert a Synergetic Effect on Tumor Growth and Chromosomal Instability in Non-small Cell Lung Carcinomas (NSCLCs). <i>Molecular Medicine</i> , 2000 , 6, 208-237	6.2	34
198	Alterations of p16-pRb Pathway and Chromosome Locus 9p21 Δ 2 in Sporadic Invasive Breast Carcinomas. <i>Molecular Medicine</i> , 1998 , 4, 807-822	6.2	34
197	Detection of Epstein-Barr virus and human papillomavirus in nasopharyngeal carcinoma by the polymerase chain reaction technique. <i>Cancer Letters</i> , 1995 , 89, 177-81	9.9	34
196	Transcription factors and neoplasia: vistas in novel drug design. <i>Clinical Cancer Research</i> , 2002 , 8, 949-61	12.9	34
195	The canonical NF- κ B pathway differentially protects normal and human tumor cells from ROS-induced DNA damage. <i>Cellular Signalling</i> , 2012 , 24, 2007-23	4.9	32
194	Molecular diagnosis of leishmaniosis in dogs. Comparative application of traditional diagnostic methods and the proposed assay on clinical samples. <i>Veterinary Parasitology</i> , 2003 , 113, 99-113	2.8	32
193	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
192	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

191	High expression levels of p27 correlate with lymph node status in a subset of advanced invasive breast carcinomas: relation to E-cadherin alterations, proliferative activity, and ploidy of the tumors. <i>Cancer</i> , 2002 , 94, 2454-65	6.4	30
190	Increased expression of bFGF is associated with carotid atherosclerotic plaques instability engaging the NF- κ B pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2273-80	5.6	29
189	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
188	Multiplex polymerase chain reaction for the detection of mycobacterial DNA in cases of tuberculosis and sarcoidosis. <i>Modern Pathology</i> , 1999 , 12, 854-62	9.8	29
187	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
186	Exploring and exploiting the systemic effects of deregulated replication licensing. <i>Seminars in Cancer Biology</i> , 2016 , 37-38, 3-15	12.7	27
185	Epigenetic inactivation of DNA repair in breast cancer. <i>Cancer Letters</i> , 2014 , 342, 213-22	9.9	27
184	Evaluation of claspin as a proliferation marker in human cancer and normal tissues. <i>Journal of Pathology</i> , 2007 , 211, 331-9	9.4	27
183	Cytokeratin-20 immunocytology in voided urine exhibits greater sensitivity and reliability than standard cytology in the diagnosis of transitional cell carcinoma of the bladder. <i>Urology</i> , 2005 , 66, 536-41	11.6	27
182	The C3435T MDR1 gene polymorphism is not associated with susceptibility for ulcerative colitis in Greek population. <i>Gastroenterology</i> , 2004 , 126, 367-9	13.3	27
181	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
180	Deregulated expression of c-mos in non-small cell lung carcinomas: relationship with p53 status, genomic instability, and tumor kinetics. <i>Cancer Research</i> , 2001 , 61, 538-49	10.1	27
179	The proteome profile of the human osteosarcoma U2OS cell line. <i>Cancer Genomics and Proteomics</i> , 2008 , 5, 63-78	3.3	27
178	WWOX and p53 Dysregulation Synergize to Drive the Development of Osteosarcoma. <i>Cancer Research</i> , 2016 , 76, 6107-6117	10.1	25
177	Cdc6: a multi-functional molecular switch with critical role in carcinogenesis. <i>Transcription</i> , 2012 , 3, 124-9	4.8	25
176	Expression of p53, p21/waf1, bcl-2, bax, Rb and Ki67 proteins in Hodgkin lymphomas. <i>Histology and Histopathology</i> , 2000 , 15, 445-53	1.4	25
175	Immunohistochemical expression of p53, p21/waf1, rb, p16, cyclin D1, p27, Ki67, cyclin A, cyclin B1, bcl2, bax and bak proteins and apoptotic index in normal thymus. <i>Histology and Histopathology</i> , 2001 , 16, 1005-12	1.4	25
174	Tissue-infiltrating macrophages mediate an exosome-based metabolic reprogramming upon DNA damage. <i>Nature Communications</i> , 2020 , 11, 42	17.4	25

173	E2F-1 transcription factor immunoexpression is inversely associated with tumor growth in colon adenocarcinomas. <i>Anticancer Research</i> , 2004 , 24, 3041-7	2.3	25
172	Expression of p16(INK4A) and alterations of the 9p21-23 chromosome region in non-small-cell lung carcinomas: relationship with tumor growth parameters and ploidy status. <i>International Journal of Cancer</i> , 2000 , 89, 133-41	7.5	24
171	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. <i>Cancer Research</i> , 2017 , 77, 6389-6399	10.1	23
170	Heregulin, cysteine rich-61 and matrix metalloproteinase 9 expression in human carotid atherosclerotic plaques: relationship with clinical data. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006 , 32, 238-45	2.3	23
169	Algorithmic assessment of cellular senescence in experimental and clinical specimens. <i>Nature Protocols</i> , 2021 , 16, 2471-2498	18.8	23
168	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
167	E2F-1 overexpression correlates with decreased proliferation and better prognosis in adenocarcinomas of Barrett oesophagus. <i>Journal of Clinical Pathology</i> , 2008 , 61, 601-5	3.9	22
166	Association of allelic loss at the FHIT locus and p53 alterations with tumour kinetics and chromosomal instability in non-small cell lung carcinomas (NSCLCs). <i>Journal of Pathology</i> , 2001 , 193, 55-65	9.4	22
165	Association of NOD2/CARD15 variants with Crohn's disease in a Greek population. <i>European Journal of Gastroenterology and Hepatology</i> , 2004 , 16, 1177-82	2.2	21
164	CARD15/NOD2, CD14, and toll-like receptor 4 gene polymorphisms in Greek patients with sarcoidosis. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2006 , 23, 23-9	1.1	21
163	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
162	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
161	The Prophylactic Effect of L-arginine in Acute Ischaemic Colitis in a Rat Model of Ischaemia/reperfusion Injury. <i>Acta Chirurgica Belgica</i> , 2007 , 107, 192-200	0.9	20
160	Comparative evaluation of PCR assays for the robust molecular detection of Mycobacterium avium subsp. paratuberculosis. <i>Journal of Microbiological Methods</i> , 2004 , 56, 315-21	2.8	20
159	Effects of p53 mutants derived from lung carcinomas on the p53-responsive element (p53RE) of the MDM2 gene. <i>British Journal of Cancer</i> , 1998 , 77, 374-84	8.7	20
158	Expression of p53, p21/waf, bcl-2, bax, Rb and Ki67 proteins in colorectal adenocarcinomas. <i>Medical Oncology</i> , 1999 , 16, 23-30	3.7	20
157	Versican modulates tumor-associated macrophage properties to stimulate mesothelioma growth. <i>Oncolmmunology</i> , 2019 , 8, e1537427	7.2	20
156	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

155	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
154	Proteome Stability as a Key Factor of Genome Integrity. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
153	The use of isobutylcyanoacrylate as a tissue adhesive in abdominal surgery. <i>Acta Chirurgica Belgica</i> , 2005 , 105, 392-6	0.9	19
152	Molecular analysis of p53 gene in laryngeal premalignant and malignant lesions. p53 protein immunohistochemical expression is positively related to proliferating cell nuclear antigen labelling index. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1995 , 426, 339-44	5.1	19
151	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
150	Expression of HLA-DR is reduced in tumor infiltrating immune cells (TIICs) and regional lymph nodes of non-small-cell lung carcinomas. A putative mechanism of tumor-induced immunosuppression?. <i>Anticancer Research</i> , 2001 , 21, 2609-15	2.3	19
149	Aging, Cellular Senescence, and Progressive Multiple Sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 178	6.1	18
148	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
147	Functional alterations in mechanical loading of condylar cartilage induces changes in the bony subcondylar region. <i>Archives of Oral Biology</i> , 2009 , 54, 1035-45	2.8	18
146	The tumor suppressor gene ARF as a sensor of oxidative stress. <i>Current Molecular Medicine</i> , 2012 , 12, 704-15	2.5	18
145	Additional characterization of a hexanucleotide polymorphic site in the first intron of human H-ras gene: comparative study of its alterations in non-small cell lung carcinomas and sporadic invasive breast carcinomas. <i>Cancer Genetics and Cytogenetics</i> , 2001 , 126, 147-54		18
144	Sensitive differential detection of genetically related mycobacterial pathogens in archival material. <i>American Journal of Clinical Pathology</i> , 2000 , 114, 940-50	1.9	18
143	Comparison of the enzyme-linked immunosorbant assay III, recombinant immunoblot third generation assay, and polymerase chain reaction method in the detection of hepatitis C virus infection in haemodialysis patients. <i>Journal of Clinical Laboratory Analysis</i> , 1999 , 13, 122-5	3	18
142	Alterations of p16-pRb pathway and chromosome locus 9p21-22 in sporadic invasive breast carcinomas. <i>Molecular Medicine</i> , 1998 , 4, 807-22	6.2	18
141	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
140	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
139	MST2 kinase suppresses rDNA transcription in response to DNA damage by phosphorylating nucleolar histone H2B. <i>EMBO Journal</i> , 2018 , 37,	13	17
138	Geminin ablation in vivo enhances tumorigenesis through increased genomic instability. <i>Journal of Pathology</i> , 2018 , 246, 134-140	9.4	17

137	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
136	IL-15 suppresses colitis-associated colon carcinogenesis by inducing antitumor immunity. <i>OncolImmunology</i> , 2015 , 4, e1002721	7.2	16
135	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
134	Loss of p14(ARF) confers resistance to heat shock- and oxidative stress-mediated cell death by upregulating Eatenin. <i>International Journal of Cancer</i> , 2011 , 128, 1989-95	7.5	16
133	Growth index is independent of microvessel density in non-small-cell lung carcinomas. <i>Human Pathology</i> , 2002 , 33, 812-8	3.7	16
132	Immunohistochemical expression of the p53, mdm2, p21/Waf-1, Rb, p16, Ki67, cyclin D1, cyclin A and cyclin B1 proteins and apoptotic index in T-cell lymphomas. <i>Histology and Histopathology</i> , 2001 , 16, 377-86	1.4	16
131	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
130	Immunohistochemical and molecular evaluation of the mdm-2 gene product in bronchogenic carcinoma. <i>Modern Pathology</i> , 1996 , 9, 544-54	9.8	16
129	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
128	Chronic NF-kappaB activation delays RasV12-induced premature senescence of human fibroblasts by suppressing the DNA damage checkpoint response. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 409-19	5.6	15
127	Antioxidant agent nimesulid and beta-blocker metoprolol do not exert protective effects against rat mitochondrial DNA alterations in adriamycin-induced cardiotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 254, 651-6	3.4	15
126	Characterization of Mycobacterium tuberculosis complex isolates from Greek patients with sarcoidosis by Spoligotyping. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4858-61	9.7	14
125	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
124	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
123	The 3NUTR IGF2R-A2/B2 variant is associated with increased tumor growth and advanced stages in non-small cell lung cancer. <i>Cancer Letters</i> , 2008 , 259, 177-85	9.9	13
122	Simultaneous evaluation of maspin and CXCR4 in patients with breast cancer. <i>Journal of Clinical Pathology</i> , 2007 , 60, 261-6	3.9	13
121	Alterations in the proliferating compartment of gastric mucosa during Helicobacter pylori infection: the putative role of epithelial cells expressing p27(kip1). <i>Modern Pathology</i> , 2003 , 16, 1076-85	9.8	13
120	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

119	Sample pooling strategies for SARS-CoV-2 detection. <i>Journal of Virological Methods</i> , 2021 , 289, 114044	2.6	13
118	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
117	Expression of mos in astrocytic tumors and its potential role in neoplastic progression. <i>Human Pathology</i> , 2002 , 33, 703-7	3.7	12
116	Epidermal growth factor receptor expression in squamous cell lung carcinomas: an immunohistochemical and gene analysis in formalin-fixed, paraffin-embedded material. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1993 , 423, 295-302		12
115	Altered expression of the cell cycle regulatory molecules pRb, p53 and MDM2 exert a synergetic effect on tumor growth and chromosomal instability in non-small cell lung carcinomas (NSCLCs). <i>Molecular Medicine</i> , 2000 , 6, 208-37	6.2	12
114	Nanomedicine: Photo-activated nanostructured titanium dioxide, as a promising anticancer agent. <i>Pharmacology & Therapeutics</i> , 2021 , 222, 107795	13.9	12
113	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
112	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
111	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
110	CFTR expression from a BAC carrying the complete human gene and associated regulatory elements. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2938-48	5.6	11
109	Endoscopic resection of a large granular cell tumor of the esophagus. <i>Journal of Surgical Oncology</i> , 2000 , 75, 277-9	2.8	11
108	Low Levels of p27 in Association With Deregulated p53-pRb Protein Status Enhance Tumor Proliferation and Chromosomal Instability in Non-Small Cell Lung Carcinomas. <i>Molecular Medicine</i> , 2001 , 7, 418-429	6.2	11
107	Relationship of the K-ras/c-mos Expression Patterns With Angiogenesis in Non-Small Cell Lung Carcinomas. <i>Molecular Medicine</i> , 2001 , 7, 590-597	6.2	11
106	p53 gene alterations in special types of breast carcinoma: a molecular and immunohistochemical study in archival material. <i>Journal of Pathology</i> , 1995 , 176, 361-72	9.4	11
105	Alterations of the 16q22.1 and 16q24.3 chromosomal loci in sporadic invasive breast carcinomas: correlation with proliferative activity, ploidy and hormonal status of the tumors. <i>Anticancer Research</i> , 2001 , 21, 991-9	2.3	11
104	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
103	MKK7 and ARF: new players in the DNA damage response scenery. <i>Cell Cycle</i> , 2014 , 13, 1227-36	4.7	10
102	The roles of p27(Kip1) and DNA damage signalling in the chemotherapy-induced delayed cell cycle checkpoint. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2264-7	5.6	10

101	Relationship between iNOS expression and aortic cell proliferation and apoptosis in an elastase-induced model of aorta aneurysm and the effect of 1400 W administration. <i>Surgery</i> , 2005 , 137, 447-56	3.6	10
100	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, 102381-5	15.5	9
99	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
98	Bacterial delivery of large intact genomic-DNA-containing BACs into mammalian cells. <i>Bioengineered</i> , 2012 , 3, 86-92	5.7	9
97	Absence of association with cancer risk and low frequency of alterations at a p53 responsive PIG3 gene polymorphism in breast and lung carcinomas. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 556, 143-50	3.3	9
96	The Progression in the Mouse Skin Carcinogenesis Model Correlates With ERK1/2 Signaling. <i>Molecular Medicine</i> , 2002 , 8, 624-637	6.2	9
95	Influence of the microenvironment on modulation of the host response by typhoid toxin. <i>Cell Reports</i> , 2021 , 35, 108931	10.6	9
94	TH1579, MTH1 inhibitor, delays tumour growth and inhibits metastases development in osteosarcoma model. <i>EBioMedicine</i> , 2020 , 53, 102704	8.8	8
93	Unique Spatial Immune Profiling in Pancreatic Ductal Adenocarcinoma with Enrichment of Exhausted and Senescent T Cells and Diffused CD47-SIRPα Expression. <i>Cancers</i> , 2020 , 12,	6.6	8
92	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
91	Lack of Fas (APO-1/CD95) gene structural alterations or transcript variant ratio changes in breast cancer. <i>Cancer Letters</i> , 2003 , 194, 91-7	9.9	8
90	Expression of mos in Ependymal Gliomas. <i>American Journal of Clinical Pathology</i> , 2003 , 120, 699-705	1.9	8
89	Allelic imbalance at the 5q14 locus is associated with decreased apoptotic rate in non-small cell lung carcinomas (NSCLCs). Possible synergistic effect with p53 gene alterations on apoptosis. <i>Lung Cancer</i> , 2000 , 28, 211-24	5.9	8
88	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
87	Annexin A3 is a mammary marker and a potential neoplastic breast cell therapeutic target. <i>Oncotarget</i> , 2015 , 6, 21421-7	3.3	8
86	Deep Learning and Association Rule Mining for Predicting Drug Response in Cancer. A Personalised Medicine Approach		8
85	Association of allelic imbalance at locus D13S171 (BRCA2) and p53 alterations with tumor kinetics and chromosomal instability (aneuploidy) in nonsmall cell lung carcinoma. <i>Cancer</i> , 2000 , 89, 1933-45	6.4	8
84	Modulation of wild-type p53 activity by mutant p53 R273H depends on the p53 responsive element (p53RE). A comparative study between the p53REs of the MDM2, WAF1/Cip1 and Bax genes in the lung cancer environment. WAF1/Cip1 = WAF1/Cip1. <i>Anticancer Research</i> , 1999 , 19, 579-87	2.3	8

83	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
82	Progression of mouse skin carcinogenesis is associated with increased ER β levels and is repressed by a dominant negative form of ER β . <i>PLoS ONE</i> , 2012 , 7, e41957	3.7	7
81	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
80	Detection of herpes simplex virus-1 and -2 in cardiac myxomas. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 823949		7
79	Immunohisto(cyto)chemistry: an old time classic tool driving modern oncological therapies. <i>Histology and Histopathology</i> , 2019 , 34, 335-352	1.4	7
78	MicroRNAs Determining Inflammation as Novel Biomarkers and Potential Therapeutic Targets. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2666-79	4.3	7
77	Upregulation of Human Endogenous Retroviruses in Bronchoalveolar Lavage Fluid of COVID-19 Patients. <i>Microbiology Spectrum</i> , 2021 , 9, e0126021	8.9	7
76	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
75	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
74	Non-Canonical Functions of the ARF Tumor Suppressor in Development and Tumorigenesis. <i>Biomolecules</i> , 2021 , 11,	5.9	7
73	COVID-19 Immunobiology: Lessons Learned, New Questions Arise. <i>Frontiers in Immunology</i> , 2021 , 12, 719023	8.4	7
72	SARS-CoV-2 infects lung epithelial cells and induces senescence and an inflammatory response in patients with severe COVID-19		7
71	The complement inhibitor CD59 and the lymphocyte function-associated antigen-3 (LFA-3, CD58) genes possess functional binding sites for the p53 tumor suppressor protein. <i>Anticancer Research</i> , 2002 , 22, 4237-41	2.3	7
70	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
69	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
68	Genetic and Molecular Coordinates of Neuroendocrine Lung Tumors, with Emphasis on Small-cell Lung Carcinomas. <i>Molecular Medicine</i> , 2002 , 8, 419-436	6.2	6
67	c-mos immunoreactivity is an indicator of good prognosis in lung cancer. <i>Histopathology</i> , 2000 , 37, 45-54.	7.3	6
66	Molecular and immunohistochemical study of class I growth factor receptors in squamous cell lung carcinomas. <i>Pathology Research and Practice</i> , 1995 , 191, 973-81	3.4	6

65	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
64	The Role of E3, E4 Ubiquitin Ligase (UBE4B) in Human Pathologies. <i>Cancers</i> , 2019 , 12,	6.6	6
63	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
62	Is exclusive Skp2 targeting always beneficial in cancer therapy?. <i>Blood</i> , 2008 , 112, 4777-9	2.2	5
61	Expression of mos in ependymal gliomas. <i>American Journal of Clinical Pathology</i> , 2003 , 120, 699-705	1.9	5
60	MTH1 favors mesothelioma progression and mediates paracrine rescue of bystander endothelium from oxidative damage. <i>JCI Insight</i> , 2020 , 5,	9.9	5
59	Why is p53-inducible gene 3 rarely affected in cancer?. <i>Oncogene</i> , 2010 , 29, 5220	9.2	4
58	Is imatinib mesylate a promising drug in scleroderma due to extensive chronic graft-versus-host disease?. <i>Leukemia and Lymphoma</i> , 2009 , 50, 471-4	1.9	4
57	Interferon- α 2b reduces neo-microvascular density in the normal urothelium adjacent to the tumor after transurethral resection of superficial bladder carcinoma. <i>Oncology Research and Treatment</i> , 2003 , 26, 147-52	2.8	4
56	Absence of mutations in the functional domains of the human MDM2 oncogene in non-small cell lung carcinomas. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000 , 456, 59-63	3.3	4
55	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
54	Cellular senescence as a source of SARS-CoV-2 quasispecies. <i>FEBS Journal</i> , 2021 ,	5.7	4
53	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
52	SARS-CoV-2 Antigenemia as a Confounding Factor in Immunodiagnostic Assays: A Case Study. <i>Viruses</i> , 2021 , 13,	6.2	4
51	The Janus face of p21. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1215776	1.2	4
50	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
49	Mutant p53 Prolongs NF- κ B Activation and Promotes Chronic Inflammation and Inflammation-Associated Colorectal Cancer. <i>Cancer Cell</i> , 2013 , 24, 272	24.3	3
48	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

47	Absence of p53 gene mutations in skin fibroblasts derived from patients with systemic sclerosis. <i>European Journal of Clinical Investigation</i> , 2002 , 32, 139-40	4.6	3
46	Low levels of p27 in association with deregulated p53-pRb protein status enhance tumor proliferation and chromosomal instability in non-small cell lung carcinomas. <i>Molecular Medicine</i> , 2001 , 7, 418-29	6.2	3
45	Cellular senescence and failure of myelin repair in multiple sclerosis. <i>Mechanisms of Ageing and Development</i> , 2020 , 192, 111366	5.6	3
44	Implication of Dietary Iron-Chelating Bioactive Compounds in Molecular Mechanisms of Oxidative Stress-Induced Cell Ageing. <i>Antioxidants</i> , 2021 , 10,	7.1	3
43	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
42	Bacterial genotoxins induce T cell senescence. <i>Cell Reports</i> , 2021 , 35, 109220	10.6	3
41	Regulatory and Functional Involvement of Long Non-Coding RNAs in DNA Double-Strand Break Repair Mechanisms. <i>Cells</i> , 2021 , 10,	7.9	3
40	Multiplex PCR assay for the detection of mycobacterial DNA sequences directly from sputum. <i>In Vivo</i> , 1998 , 12, 547-52	2.3	3
39	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
38	Deep learning: shaping the medicine of tomorrow. <i>Molecular and Cellular Oncology</i> , 2020 , 7, 1723462	1.2	2
37	The role of IGF2R in carcinogenesis. <i>Nature Reviews Cancer</i> , 2005 , 5, 836-836	31.3	2
36	Evaluation of a Minipool Reverse Transcription-PCR Screening Method for the Detection of Hepatitis C Virus Infection in Hemodialysis Patients. <i>Clinical Chemistry</i> , 2000 , 46, 582-588	5.5	2
35	Inhaled corticosteroids reduce senescence in endothelial progenitor cells from patients with COPD.. <i>Thorax</i> , 2022 ,	7.3	2
34	Assessing Drug Development Risk Using Big Data and Machine Learning. <i>Cancer Research</i> , 2021 , 81, 816-819	8.1	2
33	The Role of Circular RNAs in DNA Damage Response and Repair. <i>Cancers</i> , 2021 , 13,	6.6	2
32	Upregulation of Human Endogenous Retroviruses in Bronchoalveolar Lavage Fluid of COVID-19 Patients		2
31	Biological Effect of Silver-modified Nanostructured Titanium Dioxide in Cancer. <i>Cancer Genomics and Proteomics</i> , 2021 , 18, 425-439	3.3	2
30	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

29	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
28	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
27	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
26	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> , 2017 , 12, e0171133	2.2	1
25	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
24	A Machine Learning approach for assessing drug development risk		1
23	Mutational signatures reveal the role of RAD52 in p53-independent p21 driven genomic instability		1
22	Evaluation of senescent cells in intervertebral discs by lipofuscin staining. <i>Mechanisms of Ageing and Development</i> , 2021 , 199, 111564	5.6	1
21	A new rare allele at the CGG repeat polymorphism in the first intron of human c-H-ras gene. <i>In Vivo</i> , 2001 , 15, 105-8	2.3	1
20	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
19	Escape from senescence: revisiting cancer therapeutic strategies.. <i>Molecular and Cellular Oncology</i> , 2022 , 9, 2030158	1.2	1
18	Machine Learning: A Tool to Shape the Future of Medicine. <i>Studies in Big Data</i> , 2022 , 177-218	0.9	1
17	Molecular biomarkers in cardio-oncology: Where we stand and where we are heading.. <i>BioEssays</i> , 2022 , e2100234	4.1	0
16	CRISPR-Cas9-mediated induction of large chromosomal inversions in human bronchial epithelial cells.. <i>STAR Protocols</i> , 2022 , 3, 101257	1.4	0
15	RASSF1A disrupts the NOTCH signaling axis via SNURF/RNF4-mediated ubiquitination of HES1.. <i>EMBO Reports</i> , 2021 , e51287	6.5	0
14	Identification of coronavirus particles by electron microscopy: a complementary tool for deciphering COVID-19.. <i>European Respiratory Journal</i> , 2022 ,	13.6	0
13	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	
12	Changes in end products of nitric oxide in urine and induction of nitric oxide synthase expression in urinary bladder during intravesical instillations of IFN-alpha2b. <i>Journal of Interferon and Cytokine Research</i> , 2004 , 24, 621-6	3.5	

- 11 Role of Immunohistochemical Expression of Beta-Catenin in Lung Carcinoma. *Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas*, **2002**, 141-153
- 10 Senescence **2021**, 1391-1402
- 9 Premalignant lesions and cellular senescence **2022**, 29-60
- 8 In Situ Detection of miRNAs in Senescent Cells in Archival Material. *Healthy Ageing and Longevity*, **2020**, 147-162 0.5
- 7 Molecular Carcinogenesis **2010**, 975-1003
- 6 Molecular Techniques in Surgical Research **2010**, 951-974
- 5 Analytic methods for systems medicine **2020**, 229-248
- 4 Cura"x"ing Cancer and Beyond. *BioEssays*, **2019**, 41, e1800223 4.1
- 3 Recent advances in early prostatic cancer. *Anticancer Research*, **1999**, 19, 2327-48 2.3
- 2 Immunohistochemical localization of c-mos at the light and electron microscope level in non-small cell lung carcinomas. *Biotechnic and Histochemistry*, **2002**, 77, 85-91 1.8
- 1 Direct U-series dating of the Apidima C human remains **2021**, 37-55