

David J Harrison

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.

194
papers

9,670
citations

48
h-index

93
g-index

206
ext. papers

11,104
ext. citations

7
avg, IF

5.86
L-index

#	Paper	IF	Citations
194	Collateral-resistance to estrogen and HER-activated growth is associated with modified AKT, ER α and cell-cycle signaling in a breast cancer model.. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2022 , 3, 97-116	2.5	
193	Code of practice needed for samples donated by trial participants.. <i>Lancet Oncology, The</i> , 2022 , 23, e89-e90	20.7	2
192	Believe the HiPe: Hierarchical perturbation for fast, robust, and model-agnostic saliency mapping. <i>Pattern Recognition</i> , 2022 , 129, 108743	7.7	3
191	Tissue Proteomic Analysis Identifies Mechanisms and Stages of Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 ,	5.7	5
190	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021 , 591, 92-98	50.4	451
189	A Phase Ib Open-Label, Dose-Escalation Study of NUC-1031 in Combination with Carboplatin for Recurrent Ovarian Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 3028-3038	12.9	1
188	Automated Detection and Classification of Desmoplastic Reaction at the Colorectal Tumour Front Using Deep Learning. <i>Cancers</i> , 2021 , 13,	6.6	4
187	Assessment of Immunological Features in Muscle-Invasive Bladder Cancer Prognosis Using Ensemble Learning. <i>Cancers</i> , 2021 , 13,	6.6	5
186	YAP Translocation Precedes Cytoskeletal Rearrangement in Podocyte Stress Response: A Podometric Investigation of Diabetic Nephropathy. <i>Frontiers in Physiology</i> , 2021 , 12, 625762	4.6	0
185	Tissue-Specific Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 192-201	10.2	116
184	Recommendations for cellular and molecular pathology input into clinical trials: a systematic review and meta-aggregation. <i>Journal of Pathology: Clinical Research</i> , 2021 , 7, 191-202	5.3	2
183	The modification of cancer risk by chemicals. <i>Toxicology Research</i> , 2021 , 10, 800-809	2.6	1
182	The Novel Nucleoside Analogue ProTide NUC-7738 Overcomes Cancer Resistance Mechanisms and in a First-In-Human Phase I Clinical Trial. <i>Clinical Cancer Research</i> , 2021 , 27, 6500-6513	12.9	3
181	Guidelines for cellular and molecular pathology content in clinical trial protocols: the SPIRIT-Path extension. <i>Lancet Oncology, The</i> , 2021 , 22, e435-e445	21.7	1
180	The differential expression of micro-RNAs 21, 200c, 204, 205, and 211 in benign, dysplastic and malignant melanocytic lesions and critical evaluation of their role as diagnostic biomarkers. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020 , 477, 121-130	5.1	2
179	Computerized Image Analysis of Tumor Cell Nuclear Morphology Can Improve Patient Selection for Clinical Trials in Localized Clear Cell Renal Cell Carcinoma. <i>Journal of Pathology Informatics</i> , 2020 , 11, 35	4.4	1
178	Spatial immune profiling of the colorectal tumor microenvironment predicts good outcome in stage II patients. <i>Npj Digital Medicine</i> , 2020 , 3, 71	15.7	18

177	The Efficacy of Sunitinib Treatment of Renal Cancer Cells Is Associated with the Protein PHAX In Vitro. <i>Biology</i> , 2020 , 9,	4.9	1
176	Genome-scale CRISPR/Cas9 screen determines factors modulating sensitivity to ProTide NUC-1031. <i>Scientific Reports</i> , 2019 , 9, 7643	4.9	8
175	Automated Analysis of Lymphocytic Infiltration, Tumor Budding, and Their Spatial Relationship Improves Prognostic Accuracy in Colorectal Cancer. <i>Cancer Immunology Research</i> , 2019 , 7, 609-620	12.5	41
174	Automated tumour budding quantification by machine learning augments TNM staging in muscle-invasive bladder cancer prognosis. <i>Scientific Reports</i> , 2019 , 9, 5174	4.9	18
173	The landscape of genomic copy number alterations in colorectal cancer and their consequences on gene expression levels and disease outcome. <i>Molecular Aspects of Medicine</i> , 2019 , 69, 48-61	16.7	17
172	Evaluation of the dual mTOR/PI3K inhibitors Gedatolisib (PF-05212384) and PF-04691502 against ovarian cancer xenograft models. <i>Scientific Reports</i> , 2019 , 9, 18742	4.9	7
171	Novel Internationally Verified Method Reports Desmoplastic Reaction as the Most Significant Prognostic Feature For Disease-specific Survival in Stage II Colorectal Cancer. <i>American Journal of Surgical Pathology</i> , 2019 , 43, 1239-1248	6.7	23
170	Identifying prognostic structural features in tissue sections of colon cancer patients using point pattern analysis. <i>Statistics in Medicine</i> , 2019 , 38, 1421-1441	2.3	2
169	Raman spectroscopy investigation of biochemical changes in tumor spheroids with aging and after treatment with staurosporine. <i>Journal of Biophotonics</i> , 2019 , 12, e201800201	3.1	2
168	Experimental Nonalcoholic Steatohepatitis and Liver Fibrosis Are Ameliorated by Pharmacologic Activation of Nrf2 (NF-E2 p45-Related Factor 2). <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018 , 5, 367-398	7.9	101
167	WHO/ISUP classification, grading and pathological staging of renal cell carcinoma: standards and controversies. <i>World Journal of Urology</i> , 2018 , 36, 1913-1926	4	67
166	Acquired and Intrinsic Resistance to Colorectal Cancer Treatment 2018 ,		3
165	A principled machine learning framework improves accuracy of stage II colorectal cancer prognosis. <i>Npj Digital Medicine</i> , 2018 , 1, 52	15.7	31
164	Somatic cancer genetics in the UK: real-world data from phase I of the Cancer Research UK Stratified Medicine Programme. <i>ESMO Open</i> , 2018 , 3, e000408	6	2
163	Podocyte injury elicits loss and recovery of cellular forces. <i>Science Advances</i> , 2018 , 4, eaap8030	14.3	11
162	Epigenetic sampling effects: nephrectomy modifies the clear cell renal cell cancer methylome. <i>Cellular Oncology (Dordrecht)</i> , 2017 , 40, 293-297	7.2	2
161	A systematic search strategy identifies cubilin as independent prognostic marker for renal cell carcinoma. <i>BMC Cancer</i> , 2017 , 17, 9	4.8	17
160	Overcoming intratumoural heterogeneity for reproducible molecular risk stratification: a case study in advanced kidney cancer. <i>BMC Medicine</i> , 2017 , 15, 118	11.4	5

159	Kinetic modelling of in vitro data of PI3K, mTOR1, PTEN enzymes and on-target inhibitors Rapamycin, BEZ235, and LY294002. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 97, 170-181	5.1	2
158	Inhibition of pH regulation as a therapeutic strategy in hypoxic human breast cancer cells. <i>Oncotarget</i> , 2017 , 8, 42857-42875	3.3	39
157	A signaling visualization toolkit to support rational design of combination therapies and biomarker discovery: SiViT. <i>Oncotarget</i> , 2017 , 8, 29657-29667	3.3	1
156	Dynamic modulation of phosphoprotein expression in ovarian cancer xenograft models. <i>BMC Cancer</i> , 2016 , 16, 205	4.8	5
155	Effect of glandular metastases on overall survival of patients with metastatic clear cell renal cell carcinoma in the antiangiogenic therapy era. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2016 , 34, 167.e17-23	2.8	15
154	A novel mechanism of action of HER2 targeted immunotherapy is explained by inhibition of NRF2 function in ovarian cancer cells. <i>Oncotarget</i> , 2016 , 7, 75874-75901	3.3	23
153	The role of HDAC2 in chromatin remodelling and response to chemotherapy in ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 4695-711	3.3	17
152	Dynamic epigenetic changes to VHL occur with sunitinib in metastatic clear cell renal cancer. <i>Oncotarget</i> , 2016 , 7, 25241-50	3.3	13
151	Next-Generation Pathology. <i>Methods in Molecular Biology</i> , 2016 , 1386, 61-72	1.4	5
150	Study of the effect of novel anticancer agent oncamex on gene expression profiles of preclinical breast cancer models.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e14071-e14071	2.2	
149	Novel histopathologic feature identified through image analysis augments stage II colorectal cancer clinical reporting. <i>Oncotarget</i> , 2016 , 7, 44381-44394	3.3	19
148	Could molecular pathology testing in lung cancer be more cost-effective?. <i>Journal of Clinical Pathology</i> , 2016 , 69, 938-41	3.9	6
147	Antitumour activity of the novel flavonoid Oncamex in preclinical breast cancer models. <i>British Journal of Cancer</i> , 2016 , 114, 905-16	8.7	35
146	Targeted SERS nanosensors measure physicochemical gradients and free energy changes in live 3D tumor spheroids. <i>Nanoscale</i> , 2016 , 8, 16710-16718	7.7	19
145	Risk score predicts high-grade prostate cancer in DNA-methylation positive, histopathologically negative biopsies. <i>Prostate</i> , 2016 , 76, 1078-87	4.2	54
144	Translational research will fail without surgical leadership: SCOTRRCC a successful surgeon-led Nationwide translational research infrastructure in renal cancer. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2015 , 13, 181-6	2.5	3
143	Validation of a molecular and pathological model for five-year mortality risk in patients with early stage lung adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 67-73	8.9	37
142	Sunitinib Treatment Exacerbates Intratumoral Heterogeneity in Metastatic Renal Cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 4212-23	12.9	30

141	MBD4 interacts with and recruits USP7 to heterochromatic foci. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 476-85	4.7	12
140	Quantitative analysis of NRF2 pathway reveals key elements of the regulatory circuits underlying antioxidant response and proliferation of ovarian cancer cells. <i>Journal of Biotechnology</i> , 2015 , 202, 12-30 ³⁻⁷		23
139	Relationship between differentially expressed mRNA and mRNA-protein correlations in a xenograft model system. <i>Scientific Reports</i> , 2015 , 5, 10775	4.9	232
138	Novel Monte Carlo approach quantifies data assemblage utility and reveals power of integrating molecular and clinical information for cancer prognosis. <i>Scientific Reports</i> , 2015 , 5, 15563	4.9	
137	Evaluation of carbonic anhydrase IX as a therapeutic target for inhibition of breast cancer invasion and metastasis using a series of in vitro breast cancer models. <i>Oncotarget</i> , 2015 , 6, 24856-70	3.3	65
136	Multi-Scale Genomic, Transcriptomic and Proteomic Analysis of Colorectal Cancer Cell Lines to Identify Novel Biomarkers. <i>PLoS ONE</i> , 2015 , 10, e0144708	3.7	28
135	Novel flavonoids as anti-cancer agents: mechanisms of action and promise for their potential application in breast cancer. <i>Biochemical Society Transactions</i> , 2014 , 42, 1017-23	5.1	47
134	Carbonic anhydrase 9 expression increases with vascular endothelial growth factor-targeted therapy and is predictive of outcome in metastatic clear cell renal cancer. <i>European Urology</i> , 2014 , 66, 956-63	10.2	31
133	Increased STAT1 signaling in endocrine-resistant breast cancer. <i>PLoS ONE</i> , 2014 , 9, e94226	3.7	22
132	Systems analysis of drug-induced receptor tyrosine kinase reprogramming following targeted mono- and combination anti-cancer therapy. <i>Cells</i> , 2014 , 3, 563-91	7.9	20
131	Customizing the therapeutic response of signaling networks to promote antitumor responses by drug combinations. <i>Frontiers in Oncology</i> , 2014 , 4, 13	5.3	12
130	Multidisciplinary urological engagement in translational renal cancer research. <i>BJU International</i> , 2014 , 114, 474-5	5.6	2
129	Quantification of tumour budding, lymphatic vessel density and invasion through image analysis in colorectal cancer. <i>Journal of Translational Medicine</i> , 2014 , 12, 156	8.5	34
128	Predicting chemotherapy response in invasive breast cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 1084-1084		
127	Predicting response to the anti-estrogen fulvestrant in recurrent ovarian cancer. <i>Gynecologic Oncology</i> , 2013 , 131, 368-73	4.9	20
126	The effect of VEGF-targeted therapy on biomarker expression in sequential tissue from patients with metastatic clear cell renal cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 6924-34	12.9	54
125	Feedforward and feedback regulation of the MAPK and PI3K oscillatory circuit in breast cancer. <i>Cellular Signalling</i> , 2013 , 25, 26-32	4.9	21
124	Clinical utility of an epigenetic assay to detect occult prostate cancer in histopathologically negative biopsies: results of the MATLOC study. <i>Journal of Urology</i> , 2013 , 189, 1110-6	2.5	159

123	New strategies for targeting the hypoxic tumour microenvironment in breast cancer. <i>Cancer Treatment Reviews</i> , 2013 , 39, 171-9	14.4	142
122	5-hydroxymethylcytosine profiling as an indicator of cellular state. <i>Epigenomics</i> , 2013 , 5, 655-69	4.4	46
121	TMA Navigator: Network inference, patient stratification and survival analysis with tissue microarray data. <i>Nucleic Acids Research</i> , 2013 , 41, W562-8	20.1	10
120	Human tissue in systems medicine. <i>FEBS Journal</i> , 2013 , 280, 5949-56	5.7	8
119	The use of reverse phase protein arrays (RPPA) to explore protein expression variation within individual renal cell cancers. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	5
118	Characterising the tumour morphological response to therapeutic intervention: an ex vivo model. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 252-60	4.1	4
117	Differential expression of prognostic proteomic markers in primary tumour, venous tumour thrombus and metastatic renal cell cancer tissue and correlation with patient outcome. <i>PLoS ONE</i> , 2013 , 8, e60483	3.7	26
116	Use of microarray analysis to investigate EMT gene signatures. <i>Methods in Molecular Biology</i> , 2013 , 1046, 85-95	1.4	2
115	Model-based global sensitivity analysis as applied to identification of anti-cancer drug targets and biomarkers of drug resistance in the ErbB2/3 network. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 46, 244-58	5.1	25
114	Determining tamoxifen sensitivity using primary breast cancer tissue in collagen-based three-dimensional culture. <i>Biomaterials</i> , 2012 , 33, 907-15	15.6	20
113	HER2 expression in ovarian carcinoma: caution and complexity in biomarker analysis. <i>Journal of Clinical Pathology</i> , 2012 , 65, 670-1; author reply 671-2	3.9	19
112	Tissue of origin determines cancer-associated CpG island promoter hypermethylation patterns. <i>Genome Biology</i> , 2012 , 13, R84	18.3	121
111	Tissue type is a major modifier of the 5-hydroxymethylcytosine content of human genes. <i>Genome Research</i> , 2012 , 22, 467-77	9.7	305
110	Conductive carbon tape used for support and mounting of both whole animal and fragile heat-treated tissue sections for MALDI MS imaging and quantitation. <i>Journal of Proteomics</i> , 2012 , 75, 4912-4920	3.9	42
109	Ureido-substituted sulfamates show potent carbonic anhydrase IX inhibitory and antiproliferative activities against breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 4681-5	2.9	51
108	A model of estrogen-related gene expression reveals non-linear effects in transcriptional response to tamoxifen. <i>BMC Systems Biology</i> , 2012 , 6, 138	3.5	9
107	The use of automated quantitative analysis to evaluate epithelial-to-mesenchymal transition associated proteins in clear cell renal cell carcinoma. <i>PLoS ONE</i> , 2012 , 7, e31557	3.7	19
106	Diversity of matriptase expression level and function in breast cancer. <i>PLoS ONE</i> , 2012 , 7, e34182	3.7	21

105	Features of the reversible sensitivity-resistance transition in PI3K/PTEN/AKT signalling network after HER2 inhibition. <i>Cellular Signalling</i> , 2012 , 24, 493-504	4.9	16
104	Lactate, a product of glycolytic metabolism, inhibits histone deacetylase activity and promotes changes in gene expression. <i>Nucleic Acids Research</i> , 2012 , 40, 4794-803	20.1	189
103	Targeting of Rac GTPases blocks the spread of intact human breast cancer. <i>Oncotarget</i> , 2012 , 3, 608-19	3.3	55
102	What can molecular pathology contribute to the management of renal cell carcinoma?. <i>Nature Reviews Urology</i> , 2011 , 8, 255-65	5.5	54
101	Phosphoprotein pathway profiling of ovarian carcinoma for the identification of potential new targets for therapy. <i>European Journal of Cancer</i> , 2011 , 47, 1420-31	7.5	17
100	Heterogeneity mapping of protein expression in tumors using quantitative immunofluorescence. <i>Journal of Visualized Experiments</i> , 2011 , e3334	1.6	18
99	An Analytical Approach Differentiates Between Individual and Collective Cancer Invasion. <i>Analytical Cellular Pathology</i> , 2011 , 34, 35-48	3.4	9
98	Sprouty 2 is an independent prognostic factor in breast cancer and may be useful in stratifying patients for trastuzumab therapy. <i>PLoS ONE</i> , 2011 , 6, e23772	3.7	37
97	Long-term culture of human breast cancer specimens and their analysis using optical projection tomography. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	5
96	Routinely obtained diagnostic material as a source of RNA for personalized medicine in lung cancer patients. <i>Journal of Thoracic Oncology</i> , 2011 , 6, 884-8	8.9	5
95	Compensatory effects in the PI3K/PTEN/AKT signaling network following receptor tyrosine kinase inhibition. <i>Cellular Signalling</i> , 2011 , 23, 407-16	4.9	15
94	Two possible mechanisms of epithelial to mesenchymal transition in invasive ductal breast cancer. <i>Clinical and Experimental Metastasis</i> , 2011 , 28, 811-8	4.7	23
93	Utilizing mRNA extracted from small, archival formalin-fixed paraffin-embedded prostate samples for translational research: assessment of the effect of increasing sample age and storage temperature. <i>International Urology and Nephrology</i> , 2011 , 43, 961-7	2.3	6
92	GnRH receptor activation competes at a low level with growth signaling in stably transfected human breast cell lines. <i>BMC Cancer</i> , 2011 , 11, 476	4.8	12
91	Matrix-free mass spectrometric imaging using laser desorption ionisation Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 969-72	2.2	22
90	Qualitative and quantitative MALDI imaging of the positron emission tomography ligands raclopride (a D2 dopamine antagonist) and SCH 23390 (a D1 dopamine antagonist) in rat brain tissue sections using a solvent-free dry matrix application method. <i>Analytical Chemistry</i> , 2011 , 83, 9694-701	7.8	76
89	Trastuzumab and pertuzumab produce changes in morphology and estrogen receptor signaling in ovarian cancer xenografts revealing new treatment strategies. <i>Clinical Cancer Research</i> , 2011 , 17, 4451-61	12.9	45
88	Transcriptionally repressed genes become aberrantly methylated and distinguish tumors of different lineages in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4364-9	11.5	131

87	Apoptosis and DNA methylation. <i>Cancers</i> , 2011 , 3, 1798-820	6.6	14
86	An in vitro model that recapitulates the epithelial to mesenchymal transition (EMT) in human breast cancer. <i>PLoS ONE</i> , 2011 , 6, e17083	3.7	40
85	An analytical approach differentiates between individual and collective cancer invasion. <i>Analytical Cellular Pathology</i> , 2011 , 34, 35-48	3.4	6
84	Orphan CpG islands identify numerous conserved promoters in the mammalian genome. <i>PLoS Genetics</i> , 2010 , 6, e1001134	6	362
83	Tyrosine phosphorylation profiling reveals the signaling network characteristics of Basal breast cancer cells. <i>Cancer Research</i> , 2010 , 70, 9391-401	10.1	143
82	Independent regulation of P53 stabilisation and activation after Rb deletion in primary epithelial cells. <i>International Journal of Oncology</i> , 2010 , 37, 31-9	4.4	2
81	Cancer systems biology. <i>Methods in Molecular Biology</i> , 2010 , 662, 245-63	1.4	15
80	Pertuzumab for the treatment of ovarian cancer. <i>Expert Opinion on Biological Therapy</i> , 2010 , 10, 1113-20	5.4	24
79	Dynamic changes in gene expression in vivo predict prognosis of tamoxifen-treated patients with breast cancer. <i>Breast Cancer Research</i> , 2010 , 12, R39	8.3	34
78	Prognostic relevance of DNA copy number changes in colorectal cancer. <i>Journal of Pathology</i> , 2010 , 220, 338-47	9.4	41
77	Role of CD8+ T lymphocytes in the genesis of angiotensin II-induced hypertension. <i>FASEB Journal</i> , 2010 , 24, 1b564	0.9	1
76	Modulation of HER3 is a marker of dynamic cell signaling in ovarian cancer: implications for pertuzumab sensitivity. <i>Molecular Cancer Research</i> , 2009 , 7, 1563-71	6.6	35
75	Systems pathology--taking molecular pathology into a new dimension. <i>Nature Reviews Clinical Oncology</i> , 2009 , 6, 455-64	19.4	52
74	Systems biology reveals new strategies for personalizing cancer medicine and confirms the role of PTEN in resistance to trastuzumab. <i>Cancer Research</i> , 2009 , 69, 6713-20	10.1	132
73	WWOX gene expression abolishes ovarian cancer tumorigenicity in vivo and decreases attachment to fibronectin via integrin alpha3. <i>Cancer Research</i> , 2009 , 69, 4835-42	10.1	80
72	Attaching and effacing Escherichia coli downregulate DNA mismatch repair protein in vitro and are associated with colorectal adenocarcinomas in humans. <i>PLoS ONE</i> , 2009 , 4, e5517	3.7	93
71	How can systems pathology help us personalize cancer therapy?. <i>Discovery Medicine</i> , 2009 , 8, 81-6	2.5	3
70	Mutationally activated K-ras 4A and 4B both mediate lung carcinogenesis. <i>Experimental Cell Research</i> , 2008 , 314, 1105-14	4.2	23

69	TGFbeta induces apoptosis and EMT in primary mouse hepatocytes independently of p53, p21Cip1 or Rb status. <i>BMC Cancer</i> , 2008 , 8, 191	4.8	17
68	Truncation of MBD4 predisposes to reciprocal chromosomal translocations and alters the response to therapeutic agents in colon cancer cells. <i>DNA Repair</i> , 2008 , 7, 321-8	4.3	16
67	The tumor suppressor gene DLEC1 is frequently silenced by DNA methylation in hepatocellular carcinoma and induces G1 arrest in cell cycle. <i>Journal of Hepatology</i> , 2008 , 48, 433-41	13.4	48
66	Sensitive, specific, and quantitative FTICR mass spectrometry of combinatorial post-translational modifications in intact histone H4. <i>Analytical Chemistry</i> , 2008 , 80, 4147-53	7.8	14
65	Gonadotropin-releasing hormone receptor levels and cell context affect tumor cell responses to agonist in vitro and in vivo. <i>Cancer Research</i> , 2008 , 68, 6331-40	10.1	40
64	Effects on kidney disease, fertility and development in mice inheriting a protein-truncating Denys-Drash syndrome allele (Wt1tmT396). <i>Transgenic Research</i> , 2008 , 17, 459-75	3.3	3
63	Deficiency of G1 regulators P53, P21Cip1 and/or pRb decreases hepatocyte sensitivity to TGFbeta cell cycle arrest. <i>BMC Cancer</i> , 2007 , 7, 215	4.8	20
62	Microarray analysis of gene expression of mouse hepatocytes of different ploidy. <i>Mammalian Genome</i> , 2007 , 18, 617-26	3.2	51
61	Differential expression of hDAB2IPA and hDAB2IPB in normal tissues and promoter methylation of hDAB2IPA in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2007 , 46, 655-63	13.4	48
60	Dynamic computational modeling in the search for better breast cancer drug therapy. <i>Pharmacogenomics</i> , 2007 , 8, 1757-61	2.6	10
59	The K-Ras 4A isoform promotes apoptosis but does not affect either lifespan or spontaneous tumor incidence in aging mice. <i>Experimental Cell Research</i> , 2006 , 312, 16-26	4.2	35
58	Growth factor attenuation of IFNgamma-mediated hepatocyte apoptosis requires p21waf-1. <i>International Journal of Experimental Pathology</i> , 2006 , 87, 275-81	2.8	4
57	Hematopoietic stem cell trafficking in liver injury. <i>FASEB Journal</i> , 2005 , 19, 1225-31	0.9	92
56	Improved retention of zymogen granules in cultured murine pancreatic acinar cells and induction of acinar-ductal transdifferentiation in vitro. <i>Pancreas</i> , 2005 , 30, 148-57	2.6	27
55	p53 deficiency exacerbates pleiotropic mitotic defects, changes in nuclearity and polyploidy in transdifferentiating pancreatic acinar cells. <i>Oncogene</i> , 2005 , 24, 2184-94	9.2	18
54	Additive effect of p53, p21 and Rb deletion in triple knockout primary hepatocytes. <i>Oncogene</i> , 2004 , 23, 1489-97	9.2	26
53	Potential of hematopoietic stem cell therapy in hepatology: a critical review. <i>Stem Cells</i> , 2004 , 22, 897-907	9.78	49
52	Expression of Sonic hedgehog pathway genes is altered in colonic neoplasia. <i>Journal of Pathology</i> , 2004 , 203, 909-17	9.4	108

51	Functional Smoothed is required for expression of GLI3 in colorectal carcinoma cells. <i>Cancer Letters</i> , 2004 , 207, 205-14	9.9	22
50	Alveolar Epithelial Re-Modelling in Acute Lung Injury. <i>Clinical Science</i> , 2003 , 104, 57P-57P		
49	Role of oxidative stress in atherosclerosis. <i>American Journal of Cardiology</i> , 2003 , 91, 7A-11A	3	931
48	MBD1, MBD2 and CGBP genes at chromosome 18q21 are infrequently mutated in human colon and lung cancers. <i>Oncogene</i> , 2003 , 22, 3506-10	9.2	29
47	Human cord blood-derived cells can differentiate into hepatocytes in the mouse liver with no evidence of cellular fusion. <i>Gastroenterology</i> , 2003 , 124, 1891-900	13.3	272
46	While K-ras is essential for mouse development, expression of the K-ras 4A splice variant is dispensable. <i>Molecular and Cellular Biology</i> , 2003 , 23, 9245-50	4.8	82
45	Glutathione and p53 independently mediate responses against oxidative stress in ES cells. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 187-96	7.8	10
44	Functional analysis of mouse hepatocytes differing in DNA content: volume, receptor expression, and effect of IFN γ . <i>Journal of Cellular Physiology</i> , 2002 , 191, 138-44	7	31
43	Absence of p53 in Clara cells favours multinucleation and loss of cell cycle arrest. <i>BMC Cell Biology</i> , 2002 , 3, 27		8
42	Carcinogen-induced pancreatic lesions in the mouse: effect of Smad4 and Apc genotypes. <i>Oncogene</i> , 2002 , 21, 4696-701	9.2	23
41	WT1 is a key regulator of podocyte function: reduced expression levels cause crescentic glomerulonephritis and mesangial sclerosis. <i>Human Molecular Genetics</i> , 2002 , 11, 651-9	5.6	205
40	Counting alleles to predict recurrence of early-stage colorectal cancers. <i>Lancet, The</i> , 2002 , 359, 219-25	4.0	127
39	The effect of IFN γ on the hepatocyte: cell cycle and apoptosis. <i>International Journal of Experimental Pathology</i> , 2001 , 82, 317-26	2.8	13
38	Phenobarbitone-induced ploidy changes in liver occur independently of p53. <i>Toxicology Letters</i> , 2001 , 119, 109-15	4.4	14
37	To live or die--a cell's choice. <i>Essays in Biochemistry</i> , 2001 , 37, 109-20	7.6	1
36	Inhibition of tumour necrosis factor alpha does not prevent experimental paracetamol-induced hepatic necrosis. <i>Journal of Pathology</i> , 2000 , 190, 489-94	9.4	49
35	Specific patterns of chromosomal abnormalities are associated with RER status in sporadic colorectal cancer. <i>Journal of Pathology</i> , 2000 , 192, 440-5	9.4	27
34	Characterisation of lectin binding patterns of mouse bronchiolar and rat alveolar epithelial cells in culture. <i>The Histochemical Journal</i> , 2000 , 32, 33-40		15

33	Polymorphisms of the gene for microsomal epoxide hydrolase and susceptibility to alcoholic liver disease and hepatocellular carcinoma in a Caucasian population. <i>Toxicology Letters</i> , 2000 , 115, 17-22	4.4	30
32	A functional, discontinuous HIV-1 gp120 C3/C4 domain-derived, branched, synthetic peptide that binds to CD4 and inhibits MIP-1alpha chemokine binding. <i>FASEB Journal</i> , 1999 , 13, 503-11	0.9	5
31	Dysregulated expression of beta-catenin marks early neoplastic change in Apc mutant mice, but not all lesions arising in Msh2 deficient mice. <i>Oncogene</i> , 1999 , 18, 7219-25	9.2	50
30	Major differences exist in the function and tissue-specific expression of human aflatoxin B1 aldehyde reductase and the principal human aldo-keto reductase AKR1 family members. <i>Biochemical Journal</i> , 1999 , 343, 487-504	3.8	172
29	p53-independent DNA repair and cell cycle arrest in embryonic stem cells. <i>FEBS Letters</i> , 1998 , 425, 499-508	5.8	34
28	Life and death in the genesis of the tumour cell. <i>Toxicology Letters</i> , 1998 , 102-103, 115-9	4.4	1
27	Hepatitis B x protein inhibits p53-dependent DNA repair in primary mouse hepatocytes. <i>Journal of Biological Chemistry</i> , 1998 , 273, 33327-32	5.4	65
26	Synthetic peptides representing discontinuous CD4 binding epitopes of HIV-1 gp120 that induce T cell apoptosis and block cell death induced by gp120. <i>FASEB Journal</i> , 1998 , 12, 991-8	0.9	11
25	Intrahepatic proliferation of Quiescent and Memory T cells during liver allograft rejection: primary immune response within the allograft. <i>FASEB Journal</i> , 1998 , 12, 939-47	0.9	32
24	Evidence that human class Theta glutathione S-transferase T1-1 can catalyse the activation of dichloromethane, a liver and lung carcinogen in the mouse. Comparison of the tissue distribution of GST T1-1 with that of classes Alpha, Mu and Pi GST in human. <i>Biochemical Journal</i> , 1997 , 326 (Pt 3), 837-46	3.8	128
23	Apoptosis: an overview of the process and its relevance in disease. <i>Advances in Pharmacology</i> , 1997 , 41, 1-34	5.7	85
22	Association between polymorphism in gene for microsomal epoxide hydrolase and susceptibility to emphysema. <i>Lancet, The</i> , 1997 , 350, 630-3	4.0	357
21	p53 Deficiency in liver reduces local control of survival and proliferation, but does not affect apoptosis after DNA damage. <i>FASEB Journal</i> , 1997 , 11, 591-9	0.9	72
20	p53, mutation frequency and apoptosis in the murine small intestine. <i>Oncogene</i> , 1997 , 14, 2015-8	9.2	39
19	Animal models and the molecular pathology of cancer. <i>Journal of Pathology</i> , 1997 , 181, 130-5	9.4	7
18	Apoptosis induced by gamma-irradiation, but not CD4 ligation, of peripheral T lymphocytes in vivo is p53-dependent. <i>Journal of Pathology</i> , 1997 , 181, 166-71	9.4	13
17	UV but not gamma-irradiation induces specific transcriptional activity of p53 in primary hepatocytes. <i>Journal of Pathology</i> , 1997 , 183, 177-81	9.4	22
16	Alteration in mRNA levels of Fas splice variants in hepatitis C-infected liver. <i>Journal of Pathology</i> , 1997 , 183, 299-304	9.4	16

15	Alteration in mRNA levels of Fas splice variants in hepatitis C-infected liver 1997 , 183, 299		1
14	Design and synthesis of a highly immunogenic, discontinuous epitope of HIV-1 gp120 which binds to CD4+ve transfected cells. <i>Molecular Immunology</i> , 1996 , 33, 171-8	4.3	6
13	Induction of gamma-glutamylcysteine synthetase by cigarette smoke is associated with AP-1 in human alveolar epithelial cells. <i>FEBS Letters</i> , 1996 , 396, 21-5	3.8	136
12	Transcriptional regulation of gamma-glutamylcysteine synthetase-heavy subunit by oxidants in human alveolar epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 229, 832-7	3.4	138
11	Apoptosis in vivo and in vitro: conflict or complementarity?. <i>Trends in Molecular Medicine</i> , 1996 , 2, 189-91		3
10	The importance of apoptosis: is it real or imaginary?. <i>Biologicals</i> , 1996 , 24, 295-9	1.8	5
9	Cell death in health and disease: the biology and regulation of apoptosis. <i>Seminars in Cancer Biology</i> , 1995 , 6, 3-16	12.7	185
8	High-frequency developmental abnormalities in p53-deficient mice. <i>Current Biology</i> , 1995 , 5, 931-6	6.3	390
7	The effect of inhibition of glutathione S-transferase P on the growth of the Jurkat human T cell line. <i>Journal of Pathology</i> , 1994 , 172, 357-62	9.4	26
6	Lymphocyte apoptosis--mechanisms and implications in disease. <i>Immunological Reviews</i> , 1994 , 142, 141-56	3	31
5	Mice with DNA repair gene (ERCC-1) deficiency have elevated levels of p53, liver nuclear abnormalities and die before weaning. <i>Nature Genetics</i> , 1993 , 5, 217-24	36.3	278
4	Modulation of glutathione S-transferases and glutathione peroxidase by the anticarcinogen butylated hydroxyanisole in murine extrahepatic organs. <i>Carcinogenesis</i> , 1992 , 13, 2255-61	4.6	20
3	Glutathione S-transferase detoxication enzymes in cervical neoplasia. <i>Journal of Pathology</i> , 1990 , 162, 303-8	9.4	9
2	Glutathione S-transferase localization in aflatoxin B1-treated rat livers. <i>Carcinogenesis</i> , 1990 , 11, 927-31	4.6	14
1	Apoptosis and Cell Senescence 153-192		2