

David J Harrison

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

12,270
citations

38720

50
h-index

29127

104
g-index

206
all docs

206
docs citations

206
times ranked

20930
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of oxidative stress in atherosclerosis. <i>American Journal of Cardiology</i> , 2003, 91, 7-11.	0.7	1,073
2	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021, 591, 92-98.	13.7	1,014
3	Relationship between differentially expressed mRNA and mRNA-protein correlations in a xenograft model system. <i>Scientific Reports</i> , 2015, 5, 10775.	1.6	447
4	Orphan CpG Islands Identify Numerous Conserved Promoters in the Mammalian Genome. <i>PLoS Genetics</i> , 2010, 6, e1001134.	1.5	445
5	High-frequency developmental abnormalities in p53-deficient mice. <i>Current Biology</i> , 1995, 5, 931-936.	1.8	424
6	Association between polymorphism in gene for microsomal epoxide hydrolase and susceptibility to emphysema. <i>Lancet</i> , The, 1997, 350, 630-633.	6.3	399
7	Tissue type is a major modifier of the 5-hydroxymethylcytosine content of human genes. <i>Genome Research</i> , 2012, 22, 467-477.	2.4	348
8	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, 217-224.	9.4	309
9	Human cord blood-derived cells can differentiate into hepatocytes in the mouse liver with no evidence of cellular fusion. <i>Gastroenterology</i> , 2003, 124, 1891-1900.	0.6	303
10	Lactate, a product of glycolytic metabolism, inhibits histone deacetylase activity and promotes changes in gene expression. <i>Nucleic Acids Research</i> , 2012, 40, 4794-4803.	6.5	249
11	Tissue-Specific Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 192-201.	2.5	243
12	WT1 is a key regulator of podocyte function: reduced expression levels cause crescentic glomerulonephritis and mesangial sclerosis. <i>Human Molecular Genetics</i> , 2002, 11, 651-659.	1.4	241
13	Cell death in health and disease: the biology and regulation of apoptosis. <i>Seminars in Cancer Biology</i> , 1995, 6, 3-16.	4.3	215
14	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, 1110-1116.	0.2	200
15	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.	1.7	183
16	New strategies for targeting the hypoxic tumour microenvironment in breast cancer. <i>Cancer Treatment Reviews</i> , 2013, 39, 171-179.	3.4	167
17	Tyrosine Phosphorylation Profiling Reveals the Signaling Network Characteristics of Basal Breast Cancer Cells. <i>Cancer Research</i> , 2010, 70, 9391-9401.	0.4	165
18	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.	2.3	154

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19	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, 6713-6720.	0.4	152
20	Induction of $\hat{\Gamma}^3$ -glutamylcysteine synthetase by cigarette smoke is associated with AP-1 in human alveolar epithelial cells. <i>FEBS Letters</i> , 1996, 396, 21-25.	1.3	146
21	WHO/ISUP classification, grading and pathological staging of renal cell carcinoma: standards and controversies. <i>World Journal of Urology</i> , 2018, 36, 1913-1926.	1.2	146
22	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, 4364-4369.	3.3	144
23	Transcriptional Regulation of $\hat{\Gamma}^3$ -Glutamylcysteine Synthetase-Heavy Subunit by Oxidants in Human Alveolar Epithelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 832-837.	1.0	143
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, 837-846.	1.7	140
25	Counting alleles to predict recurrence of early-stage colorectal cancers. <i>Lancet, The</i> , 2002, 359, 219-225.	6.3	140
26	Tissue of origin determines cancer-associated CpG island promoter hypermethylation patterns. <i>Genome Biology</i> , 2012, 13, R84.	13.9	140
27	Expression of Sonic hedgehog pathway genes is altered in colonic neoplasia. <i>Journal of Pathology</i> , 2004, 203, 909-917.	2.1	114
28	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.	1.1	114
29	Hematopoietic stem cell trafficking in liver injury. <i>FASEB Journal</i> , 2005, 19, 1225-1231.	0.2	101
30	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, 9245-9250.	1.1	98
31	Apoptosis: An Overview of the Process and Its Relevance in Disease. <i>Advances in Pharmacology</i> , 1997, 41, 1-34.	1.2	95
32	<i>WWOX</i> Gene Expression Abolishes Ovarian Cancer Tumorigenicity <i>In vivo</i> and Decreases Attachment to Fibronectin via Integrin $\hat{\Gamma}^3$. <i>Cancer Research</i> , 2009, 69, 4835-4842.	0.4	91
33	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, 9694-9701.	3.2	86
34	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, 591-599.	0.2	81
35	Hepatitis B x Protein Inhibits p53-dependent DNA Repair in Primary Mouse Hepatocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 33327-33332.	1.6	76
36	Evaluation of carbonic anhydrase IX as a therapeutic target for inhibition of breast cancer invasion and metastasis using a series of <i>in vitro</i> breast cancer models. <i>Oncotarget</i> , 2015, 6, 24856-24870.	0.8	76

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37	Risk score predicts high-grade prostate cancer in DNA-methylation positive, histopathologically negative biopsies. <i>Prostate</i> , 2016, 76, 1078-1087.	1.2	74
38	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.	1.6	69
39	What can molecular pathology contribute to the management of renal cell carcinoma?. <i>Nature Reviews Urology</i> , 2011, 8, 255-265.	1.9	66
40	Systems pathology—taking molecular pathology into a new dimension. <i>Nature Reviews Clinical Oncology</i> , 2009, 6, 455-464.	12.5	62
41	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, 6924-6934.	3.2	62
42	Inhibition of pH regulation as a therapeutic strategy in hypoxic human breast cancer cells. <i>Oncotarget</i> , 2017, 8, 42857-42875.	0.8	62
43	Microarray analysis of gene expression of mouse hepatocytes of different ploidy. <i>Mammalian Genome</i> , 2007, 18, 617-626.	1.0	61
44	Potential of Hematopoietic Stem Cell Therapy in Hepatology: A Critical Review. <i>Stem Cells</i> , 2004, 22, 897-907.	1.4	58
45	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, 1017-1023.	1.6	58
46	Inhibition of tumour necrosis factor alpha does not prevent experimental paracetamol-induced hepatic necrosis. , 2000, 190, 489-494.		57
47	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, 4681-4685.	1.0	57
48	Targeting of Rac GTPases blocks the spread of intact human breast cancer. <i>Oncotarget</i> , 2012, 3, 608-619.	0.8	57
49	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, 4451-4461.	3.2	56
50	Differential expression of hDAB2IPA and hDAB2IPB in normal tissues and promoter methylation of hDAB2IPA in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2007, 46, 655-663.	1.8	54
51	5-hydroxymethylcytosine profiling as an indicator of cellular state. <i>Epigenomics</i> , 2013, 5, 655-669.	1.0	52
52	Dysregulated expression of β -catenin marks early neoplastic change in Apc mutant mice, but not all lesions arising in Msh2 deficient mice. <i>Oncogene</i> , 1999, 18, 7219-7225.	2.6	51
53	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, 433-441.	1.8	51
54	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.	1.2	51

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55	Prognostic relevance of DNA copy number changes in colorectal cancer. <i>Journal of Pathology</i> , 2010, 220, 338-347.	2.1	48
56	p53-independent DNA repair and cell cycle arrest in embryonic stem cells. <i>FEBS Letters</i> , 1998, 425, 499-504.	1.3	47
57	A principled machine learning framework improves accuracy of stage II colorectal cancer prognosis. <i>Npj Digital Medicine</i> , 2018, 1, 52.	5.7	47
58	An In Vitro Model That Recapitulates the Epithelial to Mesenchymal Transition (EMT) in Human Breast Cancer. <i>PLoS ONE</i> , 2011, 6, e17083.	1.1	45
59	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.	0.5	44
60	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.	1.2	43
61	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.	1.1	43
62	p53, mutation frequency and apoptosis in the murine small intestine. <i>Oncogene</i> , 1997, 14, 2015-2018.	2.6	42
63	Gonadotropin-Releasing Hormone Receptor Levels and Cell Context Affect Tumor Cell Responses to Agonist <i>in vitro</i> and <i>in vivo</i> . <i>Cancer Research</i> , 2008, 68, 6331-6340.	0.4	42
64	Quantification of tumour budding, lymphatic vessel density and invasion through image analysis in colorectal cancer. <i>Journal of Translational Medicine</i> , 2014, 12, 156.	1.8	42
65	Antitumour activity of the novel flavonoid Oncamex in preclinical breast cancer models. <i>British Journal of Cancer</i> , 2016, 114, 905-916.	2.9	42
66	Spatial immune profiling of the colorectal tumor microenvironment predicts good outcome in stage II patients. <i>Npj Digital Medicine</i> , 2020, 3, 71.	5.7	41
67	Functional analysis of mouse hepatocytes differing in DNA content: Volume, receptor expression, and effect of IFN?. <i>Journal of Cellular Physiology</i> , 2002, 191, 138-144.	2.0	40
68	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.	2.7	40
69	Multi-Scale Genomic, Transcriptomic and Proteomic Analysis of Colorectal Cancer Cell Lines to Identify Novel Biomarkers. <i>PLoS ONE</i> , 2015, 10, e0144708.	1.1	40
70	Modulation of HER3 Is a Marker of Dynamic Cell Signaling in Ovarian Cancer: Implications for Pertuzumab Sensitivity. <i>Molecular Cancer Research</i> , 2009, 7, 1563-1571.	1.5	38
71	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, 956-963.	0.9	38
72	Dynamic changes in gene expression in vivo predict prognosis of tamoxifen-treated patients with breast cancer. <i>Breast Cancer Research</i> , 2010, 12, R39.	2.2	37

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73	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, 244-258.	1.9	35
74	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.	2.1	35
75	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.	1.9	34
76	Intrahepatic proliferation of naïve and memory T cells during liver allograft rejection: primary immune response within the allograft. <i>FASEB Journal</i> , 1998, 12, 939-947.	0.2	33
77	Additive effect of p53, p21 and Rb deletion in triple knockout primary hepatocytes. <i>Oncogene</i> , 2004, 23, 1489-1497.	2.6	33
78	Sunitinib Treatment Exacerbates Intratumoral Heterogeneity in Metastatic Renal Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 4212-4223.	3.2	33
79	Automated tumour budding quantification by machine learning augments TNM staging in muscle-invasive bladder cancer prognosis. <i>Scientific Reports</i> , 2019, 9, 5174.	1.6	33
80	Lymphocyte Apoptosis - Mechanisms and Implications in Disease. <i>Immunological Reviews</i> , 1994, 142, 141-156.	2.8	32
81	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.	0.4	32
82	Improved Retention of Zymogen Granules in Cultured Murine Pancreatic Acinar Cells and Induction of Acinar-Ductal Transdifferentiation In Vitro. <i>Pancreas</i> , 2005, 30, 148-157.	0.5	32
83	MBD1, MBD2 and CGBP genes at chromosome 18q21 are infrequently mutated in human colon and lung cancers. <i>Oncogene</i> , 2003, 22, 3506-3510.	2.6	31
84	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.	1.1	30
85	Specific patterns of chromosomal abnormalities are associated with RER status in sporadic colorectal cancer. <i>Journal of Pathology</i> , 2000, 192, 440-445.	2.1	29
86	Mutationally activated K-ras 4A and 4B both mediate lung carcinogenesis. <i>Experimental Cell Research</i> , 2008, 314, 1105-1114.	1.2	29
87	Increased STAT1 Signaling in Endocrine-Resistant Breast Cancer. <i>PLoS ONE</i> , 2014, 9, e94226.	1.1	28
88	Systems Analysis of Drug-Induced Receptor Tyrosine Kinase Reprogramming Following Targeted Mono- and Combination Anti-Cancer Therapy. <i>Cells</i> , 2014, 3, 563-591.	1.8	28
89	A systematic search strategy identifies cubilin as independent prognostic marker for renal cell carcinoma. <i>BMC Cancer</i> , 2017, 17, 9.	1.1	27
90	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.	0.8	27

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91	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, 357-362.	2.1	26
92	UV but not β -irradiation induces specific transcriptional activity of p53 in primary hepatocytes. , 1997, 183, 177-181.		26
93	Pertuzumab for the treatment of ovarian cancer. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 1113-1120.	1.4	26
94	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, 969-972.	0.7	26
95	The role of HDAC2 in chromatin remodelling and response to chemotherapy in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 4695-4711.	0.8	26
96	Tissue Proteomic Analysis Identifies Mechanisms and Stages of Immunopathology in Fatal COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 196-205.	1.4	26
97	Carcinogen-induced pancreatic lesions in the mouse: effect of Smad4 and Apc genotypes. <i>Oncogene</i> , 2002, 21, 4696-4701.	2.6	25
98	Functional Smoothed is required for expression of GLI3 in colorectal carcinoma cells. <i>Cancer Letters</i> , 2004, 207, 205-214.	3.2	25
99	Apoptosis and DNA Methylation. <i>Cancers</i> , 2011, 3, 1798-1820.	1.7	25
100	Two possible mechanisms of epithelial to mesenchymal transition in invasive ductal breast cancer. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 811-818.	1.7	24
101	Feedforward and feedback regulation of the MAPK and PI3K oscillatory circuit in breast cancer. <i>Cellular Signalling</i> , 2013, 25, 26-32.	1.7	24
102	The renal lineage factor PAX8 controls oncogenic signalling in kidney cancer. <i>Nature</i> , 2022, 606, 999-1006.	13.7	24
103	Deficiency of G1 regulators P53, P21Cip1 and/or pRb decreases hepatocyte sensitivity to TGF β 2 cell cycle arrest. <i>BMC Cancer</i> , 2007, 7, 215.	1.1	23
104	Targeted SERS nanosensors measure physicochemical gradients and free energy changes in live 3D tumor spheroids. <i>Nanoscale</i> , 2016, 8, 16710-16718.	2.8	23
105	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.	1.1	22
106	Determining tamoxifen sensitivity using primary breast cancer tissue in collagen-based three-dimensional culture. <i>Biomaterials</i> , 2012, 33, 907-915.	5.7	22
107	Predicting response to the anti-estrogen fulvestrant in recurrent ovarian cancer. <i>Gynecologic Oncology</i> , 2013, 131, 368-373.	0.6	22
108	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.e17-167.e23.	0.8	22

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109	Modulation of glutathione S-transferases and glutathione peroxidase by the anticarcinogen butylated hydroxyanisole in murine extrahepatic organs. <i>Carcinogenesis</i> , 1992, 13, 2255-2261.	1.3	21
110	HER2 expression in ovarian carcinoma: caution and complexity in biomarker analysis. <i>Journal of Clinical Pathology</i> , 2012, 65, 670-671.	1.0	21
111	Diversity of Matriptase Expression Level and Function in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e34182.	1.1	21
112	TGFbeta induces apoptosis and EMT in primary mouse hepatocytes independently of p53, p21 Cip1 or Rbstatus. <i>BMC Cancer</i> , 2008, 8, 191.	1.1	20
113	Novel histopathologic feature identified through image analysis augments stage II colorectal cancer clinical reporting. <i>Oncotarget</i> , 2016, 7, 44381-44394.	0.8	20
114	Alteration in mRNA levels of Fas splice variants in hepatitis C-infected liver. , 1997, 183, 299-304.		19
115	Heterogeneity Mapping of Protein Expression in Tumors using Quantitative Immunofluorescence. <i>Journal of Visualized Experiments</i> , 2011, , e3334.	0.2	19
116	Compensatory effects in the PI3K/PTEN/AKT signaling network following receptor tyrosine kinase inhibition. <i>Cellular Signalling</i> , 2011, 23, 407-416.	1.7	19
117	p53 deficiency exacerbates pleiotropic mitotic defects, changes in nuclearity and polyploidy in transdifferentiating pancreatic acinar cells. <i>Oncogene</i> , 2005, 24, 2184-2194.	2.6	18
118	Phosphoprotein pathway profiling of ovarian carcinoma for the identification of potential new targets for therapy. <i>European Journal of Cancer</i> , 2011, 47, 1420-1431.	1.3	18
119	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.	1.6	18
120	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, 321-328.	1.3	17
121	Cancer Systems Biology. <i>Methods in Molecular Biology</i> , 2010, 662, 245-263.	0.4	17
122	Podocyte injury elicits loss and recovery of cellular forces. <i>Science Advances</i> , 2018, 4, eaap8030.	4.7	17
123	Assessment of Immunological Features in Muscle-Invasive Bladder Cancer Prognosis Using Ensemble Learning. <i>Cancers</i> , 2021, 13, 1624.	1.7	17
124	Characterisation of lectin binding patterns of mouse bronchiolar and rat alveolar epithelial cells in culture. <i>The Histochemical Journal</i> , 2000, 32, 33-40.	0.6	16
125	Features of the reversible sensitivity-resistance transition in PI3K/PTEN/AKT signalling network after HER2 inhibition. <i>Cellular Signalling</i> , 2012, 24, 493-504.	1.7	16
126	TMA Navigator: network inference, patient stratification and survival analysis with tissue microarray data. <i>Nucleic Acids Research</i> , 2013, 41, W562-W568.	6.5	16

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127	The Novel Nucleoside Analogue ProTide NUC-7738 Overcomes Cancer Resistance Mechanisms <i>in Vitro</i> and in a First-In-Human Phase I Clinical Trial. <i>Clinical Cancer Research</i> , 2021, 27, 6500-6513.	3.2	16
128	Glutathione S-transferase localization in aflatoxin B1-treated rat livers. <i>Carcinogenesis</i> , 1990, 11, 927-931.	1.3	15
129	The effect of IFN β on the hepatocyte: cell cycle and apoptosis. <i>International Journal of Experimental Pathology</i> , 2002, 82, 317-326.	0.6	15
130	MBD4 Interacts With and Recruits USP7 to Heterochromatic Foci. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 476-485.	1.2	15
131	Phenobarbitone-induced ploidy changes in liver occur independently of p53. <i>Toxicology Letters</i> , 2001, 119, 109-115.	0.4	14
132	Sensitive, Specific, and Quantitative FTICR Mass Spectrometry of Combinatorial Post-Translational Modifications in Intact Histone H4. <i>Analytical Chemistry</i> , 2008, 80, 4147-4153.	3.2	14
133	Customizing the Therapeutic Response of Signaling Networks to Promote Antitumor Responses by Drug Combinations. <i>Frontiers in Oncology</i> , 2014, 4, 13.	1.3	14
134	Dynamic epigenetic changes to <i>VHL</i> occur with sunitinib in metastatic clear cell renal cancer. <i>Oncotarget</i> , 2016, 7, 25241-25250.	0.8	14
135	Apoptosis induced by β -irradiation, but not CD4 ligation, of peripheral T lymphocytes <i>in vivo</i> is p53-dependent. , 1997, 181, 166-171.		13
136	Glutathione and p53 independently mediate responses against oxidative stress in ES cells. <i>Free Radical Biology and Medicine</i> , 2002, 32, 187-196.	1.3	13
137	Guidelines for cellular and molecular pathology content in clinical trial protocols: the SPIRIT-Path extension. <i>Lancet Oncology</i> , The, 2021, 22, e435-e445.	5.1	13
138	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.	1.1	12
139	Genome-scale CRISPR/Cas9 screen determines factors modulating sensitivity to ProTide NUC-1031. <i>Scientific Reports</i> , 2019, 9, 7643.	1.6	12
140	Believe the HiPe: Hierarchical perturbation for fast, robust, and model-agnostic saliency mapping. <i>Pattern Recognition</i> , 2022, 129, 108743.	5.1	12
141	Glutathione s-transferase detoxication enzymes in cervical neoplasia. <i>Journal of Pathology</i> , 1990, 162, 303-308.	2.1	11
142	Synthetic peptides representing discontinuous CD4 binding epitopes of HIV α 1 gp120 that induce T cell apoptosis and block cell death induced by gp120. <i>FASEB Journal</i> , 1998, 12, 991-998.	0.2	11
143	A model of estrogen-related gene expression reveals non-linear effects in transcriptional response to tamoxifen. <i>BMC Systems Biology</i> , 2012, 6, 138.	3.0	11
144	Dynamic computational modeling in the search for better breast cancer drug therapy. <i>Pharmacogenomics</i> , 2007, 8, 1757-1761.	0.6	10

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145	Human tissue in systems medicine. FEBS Journal, 2013, 280, 5949-5956.	2.2	10
146	Absence of p53 in Clara cells favours multinucleation and loss of cell cycle arrest. BMC Cell Biology, 2002, 3, 27.	3.0	9
147	An Analytical Approach Differentiates Between Individual and Collective Cancer Invasion. Analytical Cellular Pathology, 2011, 34, 35-48.	0.7	9
148	The Use of Reverse Phase Protein Arrays (RPPA) to Explore Protein Expression Variation within Individual Renal Cell Cancers. Journal of Visualized Experiments, 2013, , .	0.2	8
149	Overcoming intratumoural heterogeneity for reproducible molecular risk stratification: a case study in advanced kidney cancer. BMC Medicine, 2017, 15, 118.	2.3	8
150	Automated Detection and Classification of Desmoplastic Reaction at the Colorectal Tumour Front Using Deep Learning. Cancers, 2021, 13, 1615.	1.7	8
151	Next-Generation Pathology. Methods in Molecular Biology, 2016, 1386, 61-72.	0.4	8
152	Design and synthesis of a highly immunogenic, discontinuous epitope of HIV-1 gp120 which binds to CD4+ve transfected cells. Molecular Immunology, 1996, 33, 171-178.	1.0	7
153	Animal models and the molecular pathology of Cancer. , 1997, 181, 130-135.		7
154	Long-term Culture of Human Breast Cancer Specimens and Their Analysis Using Optical Projection Tomography. Journal of Visualized Experiments, 2011, , .	0.2	7
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