

# Gerald Hoefler

## 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.

155  
papers

6,927  
citations

43  
h-index

80  
g-index

163  
ext. papers

7,921  
ext. citations

6.3  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
155	Simultaneous occurrence of EDTA-dependent lymphoagglutination and agglutination of myeloid cells in a patient with chronic myelomonocytic leukemia. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, e458-e460	5.9	1
154	Whole Exome Sequencing reveals NOTCH1 mutations in anaplastic large cell lymphoma and points to Notch both as a key pathway and a potential therapeutic target. <i>Haematologica</i> , <b>2021</b> , 106, 1693-1704	6.6	11
153	Micro-RNA-125a mediates the effects of hypomethylating agents in chronic myelomonocytic leukemia. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 1	7.7	16
152	EZH2 inactivation in RAS-driven myeloid neoplasms hyperactivates RAS-signaling and increases MEK inhibitor sensitivity. <i>Leukemia</i> , <b>2021</b> , 35, 1521-1526	10.7	1
151	Advanced lipodystrophy reverses fatty liver in mice lacking adipocyte hormone-sensitive lipase. <i>Communications Biology</i> , <b>2021</b> , 4, 323	6.7	2
150	Profiling of circulating tumor DNA and tumor tissue for treatment selection in patients with advanced and refractory carcinoma: a prospective, two-stage phase II Individualized Cancer Treatment trial. <i>Therapeutic Advances in Medical Oncology</i> , <b>2021</b> , 13, 1758835920987658	5.4	1
149	Acquired elliptocytosis as presenting sign of a myelodysplastic syndrome associated with deletion of chromosome 20 and mutations in TET2, DNMT3A, and U2AF1. <i>Annals of Hematology</i> , <b>2021</b> , 100, 2111-2112	3	112
148	Hypochlorite-Modified LDL Induces Arrhythmia and Contractile Dysfunction in Cardiomyocytes.. <i>Antioxidants</i> , <b>2021</b> , 11,	7.1	2
147	Low cardiac lipolysis reduces mitochondrial fission and prevents lipotoxic heart dysfunction in Perilipin 5 mutant mice. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 339-352	9.9	21
146	On-treatment measurements of circulating tumor DNA during FOLFOX therapy in patients with colorectal cancer. <i>Npj Precision Oncology</i> , <b>2020</b> , 4, 30	9.8	4
145	Adipose triglyceride lipase activity regulates cancer cell proliferation via AMP-kinase and mTOR signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2020</b> , 1865, 158737	5	11
144	Cell-free DNA analysis reveals POLR1D-mediated resistance to bevacizumab in colorectal cancer. <i>Genome Medicine</i> , <b>2020</b> , 12, 20	14.4	16
143	The leading role of pathology in assessing the somatic molecular alterations of cancer: Position Paper of the European Society of Pathology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2020</b> , 476, 491-497	5.1	9
142	Deficiency of malate-aspartate shuttle component SLC25A12 induces pulmonary metastasis. <i>Cancer &amp; Metabolism</i> , <b>2020</b> , 8, 26	5.4	4
141	Comparison of three commercial decision support platforms for matching of next-generation sequencing results with therapies in patients with cancer. <i>ESMO Open</i> , <b>2020</b> , 5, e000872	6	9
140	Dietary Glycine Prevents FOLFOX Chemotherapy-Induced Heart Injury: A Colorectal Cancer Liver Metastasis Treatment Model in Rats. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
139	Loss of RAF kinase inhibitor protein is involved in myelomonocytic differentiation and aggravates RAS-driven myeloid leukemogenesis. <i>Haematologica</i> , <b>2020</b> , 105, 375-386	6.6	8

138	The role of germline mutation profiling in the selection of related donors for haematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2020</b> , 55, 1502-1505	4.4	2
137	Tumor Macroenvironment: An Update. <i>Pathobiology</i> , <b>2020</b> , 87, 58-60	3.6	11
136	MiR-1287-5p inhibits triple negative breast cancer growth by interaction with phosphoinositide 3-kinase CB, thereby sensitizing cells for PI3Kinase inhibitors. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 20	8.3	37
135	Neoplastic cell percentage estimation in tissue samples for molecular oncology: recommendations from a modified Delphi study. <i>Histopathology</i> , <b>2019</b> , 75, 312-319	7.3	6
134	Hepatocyte-specific deletion of lysosomal acid lipase leads to cholesteryl ester but not triglyceride or retinyl ester accumulation. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 9118-9133	5.4	8
133	Hedgehog pathway proteins SMO and GLI expression as prognostic markers in head and neck squamous cell carcinoma. <i>Histopathology</i> , <b>2019</b> , 75, 118-127	7.3	6
132	Oxidation of human plasma fibronectin by inflammatory oxidants perturbs endothelial cell function. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 136, 118-134	7.8	16
131	Intestine-Specific Overexpression of Carboxylesterase 2c Protects Mice From Diet-Induced Liver Steatosis and Obesity. <i>Hepatology Communications</i> , <b>2019</b> , 3, 227-245	6	12
130	Dietary glycine decreases both tumor volume and vascularization in a combined colorectal liver metastasis and chemotherapy model. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 1582-1590	11.2	8
129	-acetylaspartate availability is essential for juvenile survival on fat-free diet and determines metabolic health. <i>FASEB Journal</i> , <b>2019</b> , 33, 13808-13824	0.9	2
128	Chlorination and oxidation of the extracellular matrix protein laminin and basement membrane extracts by hypochlorous acid and myeloperoxidase. <i>Redox Biology</i> , <b>2019</b> , 20, 496-513	11.3	43
127	Hepatocyte-specific lysosomal acid lipase deficiency protects mice from diet-induced obesity but promotes hepatic inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 500-511	5	16
126	Exposure of tropoelastin to peroxyntrous acid gives high yields of nitrated tyrosine residues, di-tyrosine cross-links and altered protein structure and function. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 115, 219-231	7.8	21
125	Loss of RKIP is a frequent event in myeloid sarcoma and promotes leukemic tissue infiltration. <i>Blood</i> , <b>2018</b> , 131, 826-830	2.2	9
124	The TP53 Pro72Arg SNP in de novo acute myeloid leukaemia - results of two cohort studies involving 215 patients and 3759 controls. <i>British Journal of Haematology</i> , <b>2018</b> , 181, 148-151	4.5	2
123	Detection of prognostically relevant mutations and translocations in myeloid sarcoma by next generation sequencing. <i>Leukemia and Lymphoma</i> , <b>2018</b> , 59, 501-504	1.9	29
122	Residual disease detection using targeted parallel sequencing predicts relapse in cytogenetically normal acute myeloid leukemia. <i>American Journal of Hematology</i> , <b>2018</b> , 93, 23-30	7.1	13
121	Atypical "hairy cell-like" presentation of leukemic mantle cell lymphoma. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 57, e34-e36	5.9	1

120	Cytosolic Aspartate Availability Determines Cell Survival When Glutamine Is Limiting. <i>Cell Metabolism</i> , <b>2018</b> , 28, 706-720.e6	24.6	79
119	Early Loss of Forkhead Transcription Factor, O Subgroup, Member 1 Protein in the Development of Pancreatic Ductal Adenocarcinoma. <i>Pathobiology</i> , <b>2018</b> , 85, 342-347	3.6	2
118	Somatic mutations characterize preleukemic stem cells in acute myeloid leukemia. <i>Blood</i> , <b>2017</b> , 129, 2587-2591	2.2	27
117	Visualization of tumor heterogeneity by in situ padlock probe technology in colorectal cancer. <i>Histochemistry and Cell Biology</i> , <b>2017</b> , 148, 105-115	2.4	11
116	miR-196b-5p Regulates Colorectal Cancer Cell Migration and Metastases through Interaction with HOXB7 and GALNT5. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 5255-5266	12.9	60
115	Skin Barrier Development Depends on CGI-58 Protein Expression during Late-Stage Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 403-413	4.3	26
114	APMAP interacts with lysyl oxidase-like proteins, and disruption of leads to beneficial visceral adipose tissue expansion. <i>FASEB Journal</i> , <b>2017</b> , 31, 4088-4103	0.9	8
113	Expansion of BCR/ABL1 cells requires PAK2 but not PAK1. <i>British Journal of Haematology</i> , <b>2017</b> , 179, 229-241	4.5	7
112	Genome-Wide miRNA Analysis Identifies miR-188-3p as a Novel Prognostic Marker and Molecular Factor Involved in Colorectal Carcinogenesis. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 1323-1333	12.9	55
111	SOX9 is a proliferation and stem cell factor in hepatocellular carcinoma and possess widespread prognostic significance in different cancer types. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187814	3.7	35
110	The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis. <i>Gut</i> , <b>2016</b> , 65, 977-989	19.2	99
109	Tumour heterogeneity: principles and practical consequences. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2016</b> , 469, 371-84	5.1	23
108	Whole-genome plasma sequencing reveals focal amplifications as a driving force in metastatic prostate cancer. <i>Nature Communications</i> , <b>2016</b> , 7, 12008	17.4	98
107	Monoglyceride lipase deficiency modulates endocannabinoid signaling and improves plaque stability in ApoE-knockout mice. <i>Atherosclerosis</i> , <b>2016</b> , 244, 9-21	3.1	29
106	Serotonin signalling is crucial in the induction of PUVA-induced systemic suppression of delayed-type hypersensitivity but not local apoptosis or inflammation of the skin. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 537-43	4	8
105	A synonymous EGFR polymorphism predicting responsiveness to anti-EGFR therapy in metastatic colorectal cancer patients. <i>Tumor Biology</i> , <b>2016</b> , 37, 7295-303	2.9	17
104	KCNJ3 is a new independent prognostic marker for estrogen receptor positive breast cancer patients. <i>Oncotarget</i> , <b>2016</b> , 7, 84705-84717	3.3	10
103	Loss of adipose triglyceride lipase is associated with human cancer and induces mouse pulmonary neoplasia. <i>Oncotarget</i> , <b>2016</b> , 7, 33832-40	3.3	41

102	Tumor-Induced Hyperlipidemia Contributes to Tumor Growth. <i>Cell Reports</i> , <b>2016</b> , 15, 336-48	10.6	51
101	Novel role of a triglyceride-synthesizing enzyme: DGAT1 at the crossroad between triglyceride and cholesterol metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2016</b> , 1861, 1132-1141	5	15
100	Compartment-specific expression of collagens and their processing enzymes in intrapulmonary arteries of IPAH patients. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L1002-13	5.8	44
99	Mutational dichotomy in desmoplastic malignant melanoma corroborated by multigene panel analysis. <i>Modern Pathology</i> , <b>2015</b> , 28, 895-903	9.8	14
98	Micro RNA-124a regulates lipolysis via adipose triglyceride lipase and comparative gene identification 58. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 8555-68	6.3	22
97	Deletion of SPRY4 is a frequent event in secondary acute myeloid leukemia. <i>Annals of Hematology</i> , <b>2015</b> , 94, 1923-4	3	5
96	Preexisting TP53 mutation in therapy-related acute myeloid leukemia. <i>Annals of Hematology</i> , <b>2015</b> , 94, 527-9	3	24
95	MiR-96-5p influences cellular growth and is associated with poor survival in colorectal cancer patients. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 1442-50	5	57
94	The lymphocyte to monocyte ratio in peripheral blood represents a novel prognostic marker in patients with pancreatic cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 499-506	5.9	58
93	Low spinophilin expression enhances aggressive biological behavior of breast cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 11191-202	3.3	9
92	Role of adipose tissue in methionine-choline-deficient model of non-alcoholic steatohepatitis (NASH). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 959-70	6.9	58
91	Effects of Lewis lung carcinoma and B16 melanoma on the innervation of the mouse trachea. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2014</b> , 183, 106-10	2.4	2
90	Tumor macroenvironment and metabolism. <i>Seminars in Oncology</i> , <b>2014</b> , 41, 281-95	5.5	101
89	Evaluation of uric acid as a prognostic blood-based marker in a large cohort of pancreatic cancer patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e104730	3.7	33
88	Germline variants in the SEMA4A gene predispose to familial colorectal cancer type X. <i>Nature Communications</i> , <b>2014</b> , 5, 5191	17.4	47
87	Nephroblastomas show low expression of microR-204 and high expression of its target, the oncogenic transcription factor MEIS1. <i>Pediatric and Developmental Pathology</i> , <b>2014</b> , 17, 169-75	2.2	19
86	Changes in colorectal carcinoma genomes under anti-EGFR therapy identified by whole-genome plasma DNA sequencing. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004271	6	132
85	Megakaryocytic morphology and clinical parameters in essential thrombocythemia, polycythemia vera, and primary myelofibrosis with and without JAK2 V617F. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2014</b> , 138, 1203-9	5	12

84	Role of adipose triglyceride lipase (PNPLA2) in protection from hepatic inflammation in mouse models of steatohepatitis and endotoxemia. <i>Hepatology</i> , <b>2014</b> , 59, 858-69	11.2	61
83	miR-181a is associated with poor clinical outcome in patients with colorectal cancer treated with EGFR inhibitor. <i>Journal of Clinical Pathology</i> , <b>2014</b> , 67, 198-203	3.9	76
82	Tumor-associated copy number changes in the circulation of patients with prostate cancer identified through whole-genome sequencing. <i>Genome Medicine</i> , <b>2013</b> , 5, 30	14.4	246
81	The role of morphology in combination with ploidy analysis in characterizing early gestational abortion. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2013</b> , 462, 175-82	5.1	6
80	A kinase-independent function of CDK6 links the cell cycle to tumor angiogenesis. <i>Cancer Cell</i> , <b>2013</b> , 24, 167-81	24.3	169
79	The role of triglyceride lipases in cancer associated cachexia. <i>Trends in Molecular Medicine</i> , <b>2013</b> , 19, 292-304	11.3	61
78	Xanthohumol ameliorates atherosclerotic plaque formation, hypercholesterolemia, and hepatic steatosis in ApoE-deficient mice. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1718-28	5.9	33
77	Sustained PU.1 levels balance cell-cycle regulators to prevent exhaustion of adult hematopoietic stem cells. <i>Molecular Cell</i> , <b>2013</b> , 49, 934-46	17.6	92
76	The PPAR $\alpha$ agonist fenofibrate suppresses B-cell lymphoma in mice by modulating lipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2013</b> , 1831, 1555-65	5	26
75	The pluripotent renal stem cell regulator SIX2 is activated in renal neoplasms and influences cellular proliferation and migration. <i>Human Pathology</i> , <b>2013</b> , 44, 336-45	3.7	20
74	Comparison of the 2002 and 2010 TNM classification systems regarding outcome prediction in clear cell and papillary renal cell carcinoma. <i>Histopathology</i> , <b>2013</b> , 62, 237-46	7.3	14
73	Molecular cytogenetics and multiplex reverse-transcriptase polymerase chain reaction for risk stratification in acute myeloid leukemia. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 2360-1	2.2	2
72	Adipose triglyceride lipase is a TG hydrolase of the small intestine and regulates intestinal PPAR $\alpha$ signaling. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 425-35	6.3	66
71	A TRPC3 blocker, ethyl-1-(4-(2,3,3-trichloroacrylamide)phenyl)-5-(trifluoromethyl)-1H-pyrazole-4-carboxylate (Pyr3), prevents stent-induced arterial remodeling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2013</b> , 344, 33-40	4.7	36
70	Identification of the transcription factor HOXB4 as a novel target of miR-23a. <i>Genes Chromosomes and Cancer</i> , <b>2013</b> , 52, 709-15	5	16
69	External validation of the derived neutrophil to lymphocyte ratio as a prognostic marker on a large cohort of pancreatic cancer patients. <i>PLoS ONE</i> , <b>2013</b> , 8, e78225	3.7	77
68	Sunitinib causes dose-dependent negative functional effects on myocardium and cardiomyocytes. <i>BJU International</i> , <b>2012</b> , 110, 1455-62	5.6	33
67	Intramural and extramural vascular invasion in colorectal cancer: prognostic significance and quality of pathology reporting. <i>Cancer</i> , <b>2012</b> , 118, 628-38	6.4	156

66	Do pre-analytical parameters explain KRAS test sensitivity disparities?. <i>Journal of Molecular Diagnostics</i> , <b>2012</b> , 14, 631-3; author reply 632-3	5.1	1
65	Intestinal GATA4 deficiency protects from diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , <b>2012</b> , 57, 1061-8	13.4	11
64	Cardiac fibrosis in human transplanted hearts is mainly driven by cells of intracardiac origin. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1008-16	15.1	33
63	Cancer cachexia alters intracellular surfactant metabolism but not total alveolar surface area. <i>Histochemistry and Cell Biology</i> , <b>2012</b> , 138, 803-13	2.4	2
62	Histiocytic sarcoma - targeted therapy: novel therapeutic options? A series of 4 cases. <i>Onkologie</i> , <b>2012</b> , 35, 447-50		13
61	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> , <b>2012</b> , 14, 187-91	5.1	11
60	The times have changed: molecular pathology is here to stay. A commentary on: analytical performance of a PCR assay for the detection of KRAS mutations (codons 12/13 and 61) in formalin-fixed paraffin-embedded tissue samples of colorectal carcinoma, by Lee et al. In this issue. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2012</b> , 460, 129-30	5.1	2
59	Trends of stage, grade, histology and tumour necrosis in renal cell carcinoma in a European centre surgical series from 1984 to 2010. <i>Journal of Clinical Pathology</i> , <b>2012</b> , 65, 721-4	3.9	25
58	miR-192, miR-194, miR-215, miR-200c and miR-141 are downregulated and their common target ACVR2B is strongly expressed in renal childhood neoplasms. <i>Carcinogenesis</i> , <b>2012</b> , 33, 1014-21	4.6	104
57	Mutations in DNMT3A and loss of RKIP are independent events in acute monocytic leukemia. <i>Haematologica</i> , <b>2012</b> , 97, 1936-7	6.6	10
56	Down-regulation of KRAS-interacting miRNA-143 to predict prognosis and response to EGFR-targeted agents in colorectal cancer.. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, e14066-e14066	2.2	
55	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR- $\alpha$ and PGC-1. <i>Nature Medicine</i> , <b>2011</b> , 17, 1076-85	50.5	481
54	Lack of acyl-CoA:diacylglycerol acyltransferase 1 reduces intestinal cholesterol absorption and attenuates atherosclerosis in apolipoprotein E knockout mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 1011-20	5	23
53	Adipose triglyceride lipase contributes to cancer-associated cachexia. <i>Science</i> , <b>2011</b> , 333, 233-8	33.3	357
52	Gastric cancer and concomitant renal cancer: a systematic immunohistochemical and molecular analysis. <i>Oncology Reports</i> , <b>2011</b> , 26, 567-75	3.5	4
51	Activation of beta-catenin is a late event in the pathogenesis of nephroblastomas and rarely correlated with genetic changes of the APC gene. <i>Pathology</i> , <b>2011</b> , 43, 702-6	1.6	3
50	Multiple intratumoral KRAS mutations can clonally segregate to different lymph node metastases in colon cancer. <i>Histopathology</i> , <b>2011</b> , 59, 342-5	7.3	7
49	Adipose triglyceride lipase and hormone-sensitive lipase are involved in fat loss in JunB-deficient mice. <i>Endocrinology</i> , <b>2011</b> , 152, 2678-89	4.8	6

48	Lim1, an embryonal transcription factor, is absent in multicystic renal dysplasia, but reactivated in nephroblastomas. <i>Pathobiology</i> , <b>2011</b> , 78, 210-9	3.6	7
47	Loss of intestinal GATA4 prevents diet-induced obesity and promotes insulin sensitivity in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E478-88	6	11
46	Cancer induces cardiomyocyte remodeling and hypoinnervation in the left ventricle of the mouse heart. <i>PLoS ONE</i> , <b>2011</b> , 6, e20424	3.7	39
45	Histiocytis Sarcoma-Targeted Therapy: Novel Therapeutic Options? A Series of 4 Cases. <i>Blood</i> , <b>2011</b> , 118, 5005-5005	2.2	
44	New and Highly Efficient Therapy for Treatment NPM-ALK Associated Lymphomas. <i>Blood</i> , <b>2011</b> , 118, 1659-1659	2.2	1
43	High resolution SNP array genomic profiling of peripheral T cell lymphomas, not otherwise specified, identifies a subgroup with chromosomal aberrations affecting the REL locus. <i>British Journal of Haematology</i> , <b>2010</b> , 148, 402-12	4.5	47
42	Adipose triglyceride lipase plays a key role in the supply of the working muscle with fatty acids. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 490-9	6.3	72
41	Growth retardation, impaired triacylglycerol catabolism, hepatic steatosis, and lethal skin barrier defect in mice lacking comparative gene identification-58 (CGI-58). <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 7300-11	5.4	146
40	Loss of PTEN/MMAC1 activity is a rare and late event in the pathogenesis of nephroblastomas. <i>Human Pathology</i> , <b>2010</b> , 41, 1172-7	3.7	4
39	Quantitative short-tandem repeat analysis of recipient-derived cells as an additional tool for diagnosing cardiac allograft rejection. <i>Transplantation</i> , <b>2010</b> , 89, 749-55	1.8	1
38	Is predisposition for nephroblastoma linked to polymorphisms of the WTX gene?. <i>Pathology and Oncology Research</i> , <b>2010</b> , 16, 189-91	2.6	3
37	Comprehensive screening for Lynch syndrome: who can be the driving force in daily clinical practice?. <i>Journal of Clinical Oncology</i> , <b>2009</b> , 27, 2292	2.2	12
36	Synthetic LXR agonist attenuates plaque formation in apoE <sup>-/-</sup> mice without inducing liver steatosis and hypertriglyceridemia. <i>Journal of Lipid Research</i> , <b>2009</b> , 50, 312-26	6.3	109
35	Baseline plasma epinephrine levels predict Wisconsin Card Sorting Test scores in healthy volunteers. <i>Psychoneuroendocrinology</i> , <b>2009</b> , 34, 625-8	5	3
34	Apoptosis and fibrosis are early features of heart failure in an animal model of metabolic cardiomyopathy. <i>International Journal of Experimental Pathology</i> , <b>2009</b> , 90, 338-46	2.8	28
33	Evaluation of high-resolution melting analysis as a diagnostic tool to detect the BRAF V600E mutation in colorectal tumors. <i>Journal of Molecular Diagnostics</i> , <b>2009</b> , 11, 140-7	5.1	78
32	Translational regulation mechanisms of AP-1 proteins. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2009</b> , 682, 7-12	7	161
31	Effect of endotoxin treatment on the expression and localization of spinal cyclooxygenase, prostaglandin synthases, and PGD2 receptors. <i>Journal of Neurochemistry</i> , <b>2008</b> , 104, 1345-57	6	28



30	Compound heterozygosity for two MSH6 mutations in a patient with early onset colorectal cancer, vitiligo and systemic lupus erythematosus. <i>American Journal of Medical Genetics, Part A</i> , <b>2008</b> , 146A, 1314-9	2.5	37
29	Partial LXR agonist reduces atherosclerosis in ApoE-deficient mice without inducing liver steatosis and hypertriglyceridemia. <i>FASEB Journal</i> , <b>2008</b> , 22, 803.2	0.9	1
28	Plasmacytoid dendritic cells are absent in skin lesions of polymorphic light eruption. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2007</b> , 23, 24-8	2.4	30
27	Report of an international survey of molecular genetic testing laboratories. <i>Public Health Genomics</i> , <b>2007</b> , 10, 123-31	1.9	16
26	The oncoprotein NPM-ALK of anaplastic large-cell lymphoma induces JUNB transcription via ERK1/2 and JunB translation via mTOR signaling. <i>Blood</i> , <b>2007</b> , 110, 3374-83	2.2	78
25	Two transforming C-RAF germ-line mutations identified in patients with therapy-related acute myeloid leukemia. <i>Cancer Research</i> , <b>2006</b> , 66, 3401-8	10.1	76
24	Defective lipolysis and altered energy metabolism in mice lacking adipose triglyceride lipase. <i>Science</i> , <b>2006</b> , 312, 734-7	33.3	978
23	Alpha-methylacyl-CoA racemase (AMACR/P504S) protein expression in urothelial carcinoma of the upper urinary tract correlates with tumour progression. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2006</b> , 448, 325-30	5.1	27
22	Genetic clonality is a feature unifying nephroblastomas regardless of the variety of morphological subtypes. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2006</b> , 449, 171-4	5.1	5
21	Clinical and genetic criteria are important for identification and management of hereditary non-polyposis colorectal cancer. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2005</b> , 17, 1143-4	2.2	2
20	Common alterations in gene expression and increased proliferation in recurrent acute myeloid leukemia. <i>Oncogene</i> , <b>2004</b> , 23, 894-904	9.2	73
19	Two Novel Activating Germline Mutations of the C-RAF Proto-Oncogene Predisposing to Solid Tumors and Therapy-Related Acute Myeloid Leukemia.. <i>Blood</i> , <b>2004</b> , 104, 3370-3370	2.2	
18	Myocardial dysfunction and male mortality in peroxisome proliferator-activated receptor alpha knockout mice overexpressing lipoprotein lipase in muscle. <i>Laboratory Investigation</i> , <b>2003</b> , 83, 259-69	5.9	37
17	Clonality and loss of heterozygosity of WT genes are early events in the pathogenesis of nephroblastomas. <i>Human Pathology</i> , <b>2003</b> , 34, 278-81	3.7	21
16	Lipolysis of triglyceride-rich lipoproteins generates PPAR ligands: evidence for an antiinflammatory role for lipoprotein lipase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 2730-5	11.5	214
15	Defective DNA-mismatch repair: a potential mediator of leukemogenic susceptibility in therapy-related myelodysplasia and leukemia. <i>Genes Chromosomes and Cancer</i> , <b>2002</b> , 34, 243-8	5	28
14	Mutation analyses in 17 patients with deficiency in acid beta-galactosidase: three novel point mutations and high correlation of mutation W273L with Morquio disease type B. <i>Human Genetics</i> , <b>2001</b> , 109, 159-66	6.3	55
13	Metabolic cardiomyopathies. <i>International Journal of Experimental Pathology</i> , <b>2000</b> , 81, 349-72	2.8	83

12	cDNA cloning and analysis of tissue-specific expression of mouse peroxisomal straight-chain acyl-CoA oxidase. <i>FEBS Journal</i> , <b>2000</b> , 267, 1254-60		23
11	Nasopharyngeal angiofibroma: an AM-Gene-Associated tumor?. <i>Human Pathology</i> , <b>2000</b> , 31, 1411-1413	3.7	39
10	Mutational analysis of the DNA mismatch repair gene hMLH1 in myeloid leukaemias. <i>British Journal of Haematology</i> , <b>1999</b> , 106, 706-8	4.5	9
9	Venous thrombosis in a replanted finger with underlying factor V Leiden mutation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>1998</b> , 51, 57-8		3
8	Presence of mycobacterial DNA in sarcoidosis. <i>Human Pathology</i> , <b>1997</b> , 28, 796-800	3.7	54
7	Cloning and tissue expression of two cDNAs encoding the peroxisomal 2-enoyl-CoA hydratase/3-hydroxyacyl-CoA dehydrogenase in the guinea pig liver. <i>FEBS Letters</i> , <b>1996</b> , 378, 57-60	3.8	5
6	cDNA cloning of the human peroxisomal enoyl-CoA hydratase: 3-hydroxyacyl-CoA dehydrogenase bifunctional enzyme and localization to chromosome 3q26.3-3q28: a free left Alu Arm is inserted in the 3' noncoding region. <i>Genomics</i> , <b>1994</b> , 19, 60-7	4.3	28
5	Cyclooxygenase pathway in dermal fibroblasts from patients with metabolic disorders of peroxisomal origin. <i>Clinica Chimica Acta</i> , <b>1993</b> , 217, 205-12	6.2	3
4	Peroxisomal fatty acid beta-oxidation in HepG2 cells. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 289, 329-36	4.1	77
3	Aberrant subcellular localization of peroxisomal 3-ketoacyl-CoA thiolase in the Zellweger syndrome and rhizomelic chondrodysplasia punctata. <i>Pediatric Research</i> , <b>1990</b> , 27, 304-10	3.2	65
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1	Adipose Triglyceride Lipase is needed for homeostatic control of Sterol Element-Binding Protein-1c driven hepatic lipogenesis		1