

Gerald Hoefler

List of Publications by Citations

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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	Defective lipolysis and altered energy metabolism in mice lacking adipose triglyceride lipase. <i>Science</i> , 2006 , 312, 734-7	33.3	978
154	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR- α and PGC-1. <i>Nature Medicine</i> , 2011 , 17, 1076-85	50.5	481
153	Adipose triglyceride lipase contributes to cancer-associated cachexia. <i>Science</i> , 2011 , 333, 233-8	33.3	357
152	Tumor-associated copy number changes in the circulation of patients with prostate cancer identified through whole-genome sequencing. <i>Genome Medicine</i> , 2013 , 5, 30	14.4	246
151	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> , 2003 , 100, 2730-5	11.5	214
150	A kinase-independent function of CDK6 links the cell cycle to tumor angiogenesis. <i>Cancer Cell</i> , 2013 , 24, 167-81	24.3	169
149	Translational regulation mechanisms of AP-1 proteins. <i>Mutation Research - Reviews in Mutation Research</i> , 2009 , 682, 7-12	7	161
148	Intramural and extramural vascular invasion in colorectal cancer: prognostic significance and quality of pathology reporting. <i>Cancer</i> , 2012 , 118, 628-38	6.4	156
147	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> , 2010 , 285, 7300-11	5.4	146
146	Changes in colorectal carcinoma genomes under anti-EGFR therapy identified by whole-genome plasma DNA sequencing. <i>PLoS Genetics</i> , 2014 , 10, e1004271	6	132
145	Biochemical abnormalities in rhizomelic chondrodysplasia punctata. <i>Journal of Pediatrics</i> , 1988 , 112, 726-33	33	125
144	Synthetic LXR agonist attenuates plaque formation in apoE ^{-/-} mice without inducing liver steatosis and hypertriglyceridemia. <i>Journal of Lipid Research</i> , 2009 , 50, 312-26	6.3	109
143	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> , 2012 , 33, 1014-21	4.6	104
142	Tumor macroenvironment and metabolism. <i>Seminars in Oncology</i> , 2014 , 41, 281-95	5.5	101
141	The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis. <i>Gut</i> , 2016 , 65, 977-989	19.2	99
140	Whole-genome plasma sequencing reveals focal amplifications as a driving force in metastatic prostate cancer. <i>Nature Communications</i> , 2016 , 7, 12008	17.4	98
139	Sustained PU.1 levels balance cell-cycle regulators to prevent exhaustion of adult hematopoietic stem cells. <i>Molecular Cell</i> , 2013 , 49, 934-46	17.6	92

138	Metabolic cardiomyopathies. <i>International Journal of Experimental Pathology</i> , 2000 , 81, 349-72	2.8	83
137	Cytosolic Aspartate Availability Determines Cell Survival When Glutamine Is Limiting. <i>Cell Metabolism</i> , 2018 , 28, 706-720.e6	24.6	79
136	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> , 2009 , 11, 140-7	5.1	78
135	The oncoprotein NPM-ALK of anaplastic large-cell lymphoma induces JUNB transcription via ERK1/2 and JunB translation via mTOR signaling. <i>Blood</i> , 2007 , 110, 3374-83	2.2	78
134	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> , 2013 , 8, e78225	3.7	77
133	Peroxisomal fatty acid beta-oxidation in HepG2 cells. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 289, 329-36	4.1	77
132	miR-181a is associated with poor clinical outcome in patients with colorectal cancer treated with EGFR inhibitor. <i>Journal of Clinical Pathology</i> , 2014 , 67, 198-203	3.9	76
131	Two transforming C-RAF germ-line mutations identified in patients with therapy-related acute myeloid leukemia. <i>Cancer Research</i> , 2006 , 66, 3401-8	10.1	76
130	Common alterations in gene expression and increased proliferation in recurrent acute myeloid leukemia. <i>Oncogene</i> , 2004 , 23, 894-904	9.2	73
129	Adipose triglyceride lipase plays a key role in the supply of the working muscle with fatty acids. <i>Journal of Lipid Research</i> , 2010 , 51, 490-9	6.3	72
128	Adipose triglyceride lipase is a TG hydrolase of the small intestine and regulates intestinal PPAR α signaling. <i>Journal of Lipid Research</i> , 2013 , 54, 425-35	6.3	66
127	Aberrant subcellular localization of peroxisomal 3-ketoacyl-CoA thiolase in the Zellweger syndrome and rhizomelic chondrodysplasia punctata. <i>Pediatric Research</i> , 1990 , 27, 304-10	3.2	65
126	The role of triglyceride lipases in cancer associated cachexia. <i>Trends in Molecular Medicine</i> , 2013 , 19, 292-301	11.5	61
125	Role of adipose triglyceride lipase (PNPLA2) in protection from hepatic inflammation in mouse models of steatohepatitis and endotoxemia. <i>Hepatology</i> , 2014 , 59, 858-69	11.2	61
124	miR-196b-5p Regulates Colorectal Cancer Cell Migration and Metastases through Interaction with HOXB7 and GALNT5. <i>Clinical Cancer Research</i> , 2017 , 23, 5255-5266	12.9	60
123	Role of adipose tissue in methionine-choline-deficient model of non-alcoholic steatohepatitis (NASH). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 959-70	6.9	58
122	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> , 2015 , 53, 499-506	5.9	58
121	MiR-96-5p influences cellular growth and is associated with poor survival in colorectal cancer patients. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1442-50	5	57

120	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> , 2017 , 23, 1323-1333	12.9	55
119	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> , 2001 , 109, 159-66	6.3	55
118	Presence of mycobacterial DNA in sarcoidosis. <i>Human Pathology</i> , 1997 , 28, 796-800	3.7	54
117	Tumor-Induced Hyperlipidemia Contributes to Tumor Growth. <i>Cell Reports</i> , 2016 , 15, 336-48	10.6	51
116	Germline variants in the SEMA4A gene predispose to familial colorectal cancer type X. <i>Nature Communications</i> , 2014 , 5, 5191	17.4	47
115	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> , 2010 , 148, 402-12	4.5	47
114	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> , 2015 , 308, L1002-13	5.8	44
113	Chlorination and oxidation of the extracellular matrix protein laminin and basement membrane extracts by hypochlorous acid and myeloperoxidase. <i>Redox Biology</i> , 2019 , 20, 496-513	11.3	43
112	Loss of adipose triglyceride lipase is associated with human cancer and induces mouse pulmonary neoplasia. <i>Oncotarget</i> , 2016 , 7, 33832-40	3.3	41
111	Nasopharyngeal angiofibroma: an AM-Gene-Associated tumor?. <i>Human Pathology</i> , 2000 , 31, 1411-1413	3.7	39
110	Cancer induces cardiomyocyte remodeling and hypoinnervation in the left ventricle of the mouse heart. <i>PLoS ONE</i> , 2011 , 6, e20424	3.7	39
109	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> , 2019 , 21, 20	8.3	37
108	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> , 2008 , 146A, 1314-9	2.5	37
107	Myocardial dysfunction and male mortality in peroxisome proliferator-activated receptor alpha knockout mice overexpressing lipoprotein lipase in muscle. <i>Laboratory Investigation</i> , 2003 , 83, 259-69	5.9	37
106	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> , 2013 , 344, 33-40	4.7	36
105	SOX9 is a proliferation and stem cell factor in hepatocellular carcinoma and possess widespread prognostic significance in different cancer types. <i>PLoS ONE</i> , 2017 , 12, e0187814	3.7	35
104	Sunitinib causes dose-dependent negative functional effects on myocardium and cardiomyocytes. <i>BJU International</i> , 2012 , 110, 1455-62	5.6	33
103	Xanthohumol ameliorates atherosclerotic plaque formation, hypercholesterolemia, and hepatic steatosis in ApoE-deficient mice. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1718-28	5.9	33

102	Evaluation of uric acid as a prognostic blood-based marker in a large cohort of pancreatic cancer patients. <i>PLoS ONE</i> , 2014 , 9, e104730	3.7	33
101	Cardiac fibrosis in human transplanted hearts is mainly driven by cells of intracardiac origin. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1008-16	15.1	33
100	Plasmacytoid dendritic cells are absent in skin lesions of polymorphic light eruption. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2007 , 23, 24-8	2.4	30
99	Detection of prognostically relevant mutations and translocations in myeloid sarcoma by next generation sequencing. <i>Leukemia and Lymphoma</i> , 2018 , 59, 501-504	1.9	29
98	Monoglyceride lipase deficiency modulates endocannabinoid signaling and improves plaque stability in ApoE-knockout mice. <i>Atherosclerosis</i> , 2016 , 244, 9-21	3.1	29
97	Apoptosis and fibrosis are early features of heart failure in an animal model of metabolic cardiomyopathy. <i>International Journal of Experimental Pathology</i> , 2009 , 90, 338-46	2.8	28
96	Effect of endotoxin treatment on the expression and localization of spinal cyclooxygenase, prostaglandin synthases, and PGD2 receptors. <i>Journal of Neurochemistry</i> , 2008 , 104, 1345-57	6	28
95	Defective DNA-mismatch repair: a potential mediator of leukemogenic susceptibility in therapy-related myelodysplasia and leukemia. <i>Genes Chromosomes and Cancer</i> , 2002 , 34, 243-8	5	28
94	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> , 1994 , 19, 60-7	4.3	28
93	Somatic mutations characterize preleukemic stem cells in acute myeloid leukemia. <i>Blood</i> , 2017 , 129, 2587-2591	2.2	27
92	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> , 2006 , 448, 325-30	5.1	27
91	Skin Barrier Development Depends on CGI-58 Protein Expression during Late-Stage Keratinocyte Differentiation. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 403-413	4.3	26
90	The PPAR α agonist fenofibrate suppresses B-cell lymphoma in mice by modulating lipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1555-65	5	26
89	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> , 2012 , 65, 721-4	3.9	25
88	Preexisting TP53 mutation in therapy-related acute myeloid leukemia. <i>Annals of Hematology</i> , 2015 , 94, 527-9	3	24
87	Tumour heterogeneity: principles and practical consequences. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016 , 469, 371-84	5.1	23
86	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> , 2011 , 1811, 1011-20	5	23
85	cDNA cloning and analysis of tissue-specific expression of mouse peroxisomal straight-chain acyl-CoA oxidase. <i>FEBS Journal</i> , 2000 , 267, 1254-60		23

84	Micro RNA-124a regulates lipolysis via adipose triglyceride lipase and comparative gene identification 58. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 8555-68	6.3	22
83	Low cardiac lipolysis reduces mitochondrial fission and prevents lipotoxic heart dysfunction in Perilipin 5 mutant mice. <i>Cardiovascular Research</i> , 2020 , 116, 339-352	9.9	21
82	Exposure of tropoelastin to peroxy-nitrous 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> , 2018 , 115, 219-231	7.8	21
81	Clonality and loss of heterozygosity of WT genes are early events in the pathogenesis of nephroblastomas. <i>Human Pathology</i> , 2003 , 34, 278-81	3.7	21
80	The pluripotent renal stem cell regulator SIX2 is activated in renal neoplasms and influences cellular proliferation and migration. <i>Human Pathology</i> , 2013 , 44, 336-45	3.7	20
79	Nephroblastomas show low expression of microR-204 and high expression of its target, the oncogenic transcription factor MEIS1. <i>Pediatric and Developmental Pathology</i> , 2014 , 17, 169-75	2.2	19
78	A synonymous EGFR polymorphism predicting responsiveness to anti-EGFR therapy in metastatic colorectal cancer patients. <i>Tumor Biology</i> , 2016 , 37, 7295-303	2.9	17
77	Oxidation of human plasma fibronectin by inflammatory oxidants perturbs endothelial cell function. <i>Free Radical Biology and Medicine</i> , 2019 , 136, 118-134	7.8	16
76	Cell-free DNA analysis reveals POLR1D-mediated resistance to bevacizumab in colorectal cancer. <i>Genome Medicine</i> , 2020 , 12, 20	14.4	16
75	Identification of the transcription factor HOXB4 as a novel target of miR-23a. <i>Genes Chromosomes and Cancer</i> , 2013 , 52, 709-15	5	16
74	Report of an international survey of molecular genetic testing laboratories. <i>Public Health Genomics</i> , 2007 , 10, 123-31	1.9	16
73	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> , 2019 , 1864, 500-511	5	16
72	Micro-RNA-125a mediates the effects of hypomethylating agents in chronic myelomonocytic leukemia. <i>Clinical Epigenetics</i> , 2021 , 13, 1	7.7	16
71	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> , 2016 , 1861, 1132-1141	5	15
70	Mutational dichotomy in desmoplastic malignant melanoma corroborated by multigene panel analysis. <i>Modern Pathology</i> , 2015 , 28, 895-903	9.8	14
69	Comparison of the 2002 and 2010 TNM classification systems regarding outcome prediction in clear cell and papillary renal cell carcinoma. <i>Histopathology</i> , 2013 , 62, 237-46	7.3	14
68	Residual disease detection using targeted parallel sequencing predicts relapse in cytogenetically normal acute myeloid leukemia. <i>American Journal of Hematology</i> , 2018 , 93, 23-30	7.1	13
67	Histiocytic sarcoma - targeted therapy: novel therapeutic options? A series of 4 cases. <i>Onkologie</i> , 2012 , 35, 447-50		13

66	Intestine-Specific Overexpression of Carboxylesterase 2c Protects Mice From Diet-Induced Liver Steatosis and Obesity. <i>Hepatology Communications</i> , 2019 , 3, 227-245	6	12
65	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> , 2014 , 138, 1203-9	5	12
64	Comprehensive screening for Lynch syndrome: who can be the driving force in daily clinical practice?. <i>Journal of Clinical Oncology</i> , 2009 , 27, 2292	2.2	12
63	Visualization of tumor heterogeneity by in situ padlock probe technology in colorectal cancer. <i>Histochemistry and Cell Biology</i> , 2017 , 148, 105-115	2.4	11
62	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> , 2020 , 1865, 158737	5	11
61	Intestinal GATA4 deficiency protects from diet-induced hepatic steatosis. <i>Journal of Hepatology</i> , 2012 , 57, 1061-8	13.4	11
60	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
59	Loss of intestinal GATA4 prevents diet-induced obesity and promotes insulin sensitivity in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E478-88	6	11
58	Tumor Macroenvironment: An Update. <i>Pathobiology</i> , 2020 , 87, 58-60	3.6	11
57	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> , 2021 , 106, 1693-1704	6.6	11
56	Mutations in DNMT3A and loss of RKIP are independent events in acute monocytic leukemia. <i>Haematologica</i> , 2012 , 97, 1936-7	6.6	10
55	KCNJ3 is a new independent prognostic marker for estrogen receptor positive breast cancer patients. <i>Oncotarget</i> , 2016 , 7, 84705-84717	3.3	10
54	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> , 2020 , 476, 491-497	5.1	9
53	Loss of RKIP is a frequent event in myeloid sarcoma and promotes leukemic tissue infiltration. <i>Blood</i> , 2018 , 131, 826-830	2.2	9
52	Mutational analysis of the DNA mismatch repair gene hMLH1 in myeloid leukaemias. <i>British Journal of Haematology</i> , 1999 , 106, 706-8	4.5	9
51	Low spinophilin expression enhances aggressive biological behavior of breast cancer. <i>Oncotarget</i> , 2015 , 6, 11191-202	3.3	9
50	Comparison of three commercial decision support platforms for matching of next-generation sequencing results with therapies in patients with cancer. <i>ESMO Open</i> , 2020 , 5, e000872	6	9
49	APMAP interacts with lysyl oxidase-like proteins, and disruption of leads to beneficial visceral adipose tissue expansion. <i>FASEB Journal</i> , 2017 , 31, 4088-4103	0.9	8

48	Hepatocyte-specific deletion of lysosomal acid lipase leads to cholesteryl ester but not triglyceride or retinyl ester accumulation. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9118-9133	5.4	8
47	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> , 2016 , 25, 537-43	4	8
46	Dietary glycine decreases both tumor volume and vascularization in a combined colorectal liver metastasis and chemotherapy model. <i>International Journal of Biological Sciences</i> , 2019 , 15, 1582-1590	11.2	8
45	Loss of RAF kinase inhibitor protein is involved in myelomonocytic differentiation and aggravates RAS-driven myeloid leukemogenesis. <i>Haematologica</i> , 2020 , 105, 375-386	6.6	8
44	Expansion of BCR/ABL1 cells requires PAK2 but not PAK1. <i>British Journal of Haematology</i> , 2017 , 179, 229-241	4.5	7
43	Multiple intratumoral KRAS mutations can clonally segregate to different lymph node metastases in colon cancer. <i>Histopathology</i> , 2011 , 59, 342-5	7.3	7
42	Lim1, an embryonal transcription factor, is absent in multicystic renal dysplasia, but reactivated in nephroblastomas. <i>Pathobiology</i> , 2011 , 78, 210-9	3.6	7
41	Neoplastic cell percentage estimation in tissue samples for molecular oncology: recommendations from a modified Delphi study. <i>Histopathology</i> , 2019 , 75, 312-319	7.3	6
40	Hedgehog pathway proteins SMO and GLI expression as prognostic markers in head and neck squamous cell carcinoma. <i>Histopathology</i> , 2019 , 75, 118-127	7.3	6
39	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> , 2013 , 462, 175-82	5.1	6
38	Adipose triglyceride lipase and hormone-sensitive lipase are involved in fat loss in JunB-deficient mice. <i>Endocrinology</i> , 2011 , 152, 2678-89	4.8	6
37	Deletion of SPRY4 is a frequent event in secondary acute myeloid leukemia. <i>Annals of Hematology</i> , 2015 , 94, 1923-4	3	5
36	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> , 2006 , 449, 171-4	5.1	5
35	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> , 1996 , 378, 57-60	3.8	5
34	On-treatment measurements of circulating tumor DNA during FOLFOX therapy in patients with colorectal cancer. <i>Npj Precision Oncology</i> , 2020 , 4, 30	9.8	4
33	Gastric cancer and concomitant renal cancer: a systematic immunohistochemical and molecular analysis. <i>Oncology Reports</i> , 2011 , 26, 567-75	3.5	4
32	Loss of PTEN/MMAC1 activity is a rare and late event in the pathogenesis of nephroblastomas. <i>Human Pathology</i> , 2010 , 41, 1172-7	3.7	4
31	Deficiency of malate-aspartate shuttle component SLC25A12 induces pulmonary metastasis. <i>Cancer & Metabolism</i> , 2020 , 8, 26	5.4	4

30	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> , 2011 , 43, 702-6	1.6	3
29	Baseline plasma epinephrine levels predict Wisconsin Card Sorting Test scores in healthy volunteers. <i>Psychoneuroendocrinology</i> , 2009 , 34, 625-8	5	3
28	Is predisposition for nephroblastoma linked to polymorphisms of the WTX gene?. <i>Pathology and Oncology Research</i> , 2010 , 16, 189-91	2.6	3
27	Venous thrombosis in a replanted finger with underlying factor V Leiden mutation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 1998 , 51, 57-8		3
26	Cyclooxygenase pathway in dermal fibroblasts from patients with metabolic disorders of peroxisomal origin. <i>Clinica Chimica Acta</i> , 1993 , 217, 205-12	6.2	3
25	Dietary Glycine Prevents FOLFOX Chemotherapy-Induced Heart Injury: A Colorectal Cancer Liver Metastasis Treatment Model in Rats. <i>Nutrients</i> , 2020 , 12,	6.7	3
24	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> , 2018 , 181, 148-151	4.5	2
23	-acetylaspartate availability is essential for juvenile survival on fat-free diet and determines metabolic health. <i>FASEB Journal</i> , 2019 , 33, 13808-13824	0.9	2
22	Effects of Lewis lung carcinoma and B16 melanoma on the innervation of the mouse trachea. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 183, 106-10	2.4	2
21	Cancer cachexia alters intracellular surfactant metabolism but not total alveolar surface area. <i>Histochemistry and Cell Biology</i> , 2012 , 138, 803-13	2.4	2
20	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> , 2012 , 460, 129-30	5.1	2
19	Molecular cytogenetics and multiplex reverse-transcriptase polymerase chain reaction for risk stratification in acute myeloid leukemia. <i>Journal of Clinical Oncology</i> , 2013 , 31, 2360-1	2.2	2
18	Clinical and genetic criteria are important for identification and management of hereditary non-polyposis colorectal cancer. <i>European Journal of Gastroenterology and Hepatology</i> , 2005 , 17, 1143-4	2.2	2
17	The role of germline mutation profiling in the selection of related donors for haematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2020 , 55, 1502-1505	4.4	2
16	Advanced lipodystrophy reverses fatty liver in mice lacking adipocyte hormone-sensitive lipase. <i>Communications Biology</i> , 2021 , 4, 323	6.7	2
15	Early Loss of Forkhead Transcription Factor, O Subgroup, Member 1 Protein in the Development of Pancreatic Ductal Adenocarcinoma. <i>Pathobiology</i> , 2018 , 85, 342-347	3.6	2
14	Hypochlorite-Modified LDL Induces Arrhythmia and Contractile Dysfunction in Cardiomyocytes.. <i>Antioxidants</i> , 2021 , 11,	7.1	2
13	Atypical "hairy cell-like" presentation of leukemic mantle cell lymphoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 57, e34-e36	5.9	1

12	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
11	Quantitative short-tandem repeat analysis of recipient-derived cells as an additional tool for diagnosing cardiac allograft rejection. <i>Transplantation</i> , 2010 , 89, 749-55	1.8	1
10	Partial LXR agonist reduces atherosclerosis in ApoE-deficient mice without inducing liver steatosis and hypertriglyceridemia. <i>FASEB Journal</i> , 2008 , 22, 803.2	0.9	1
9	Adipose Triglyceride Lipase is needed for homeostatic control of Sterol Element-Binding Protein-1c driven hepatic lipogenesis		1
8	New and Highly Efficient Therapy for Treatment NPM-ALK Associated Lymphomas. <i>Blood</i> , 2011 , 118, 1659-1659	2.2	1
7	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> , 2021 , 59, e458-e460	5.9	1
6	EZH2 inactivation in RAS-driven myeloid neoplasms hyperactivates RAS-signaling and increases MEK inhibitor sensitivity. <i>Leukemia</i> , 2021 , 35, 1521-1526	10.7	1
5	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> , 2021 , 13, 1758835920987658	5.4	1
4	Two Novel Activating Germline Mutations of the C-RAF Proto-Oncogene Predisposing to Solid Tumors and Therapy-Related Acute Myeloid Leukemia.. <i>Blood</i> , 2004 , 104, 3370-3370	2.2	
3	Histiocytis Sarcoma-Targeted Therapy: Novel Therapeutic Options? A Series of 4 Cases. <i>Blood</i> , 2011 , 118, 5005-5005	2.2	
2	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> , 2012 , 30, e14066-e14066	2.2	
1	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> , 2021 , 100, 2111-2112		3