

Maikel P Peppelenbosch

List of Publications by Year in descending order

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421
papers

20,170
citations

10388

72
h-index

18647

119
g-index

432
all docs

432
docs citations

432
times ranked

26899
citing authors

#	ARTICLE	IF	CITATIONS
1	Infliximab but not etanercept induces apoptosis in lamina propria T-lymphocytes from patients with Crohn's disease. <i>Gastroenterology</i> , 2003, 124, 1774-1785.	1.3	707
2	A Phase I Trial With Transgenic Bacteria Expressing Interleukin-10 in Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 754-759.	4.4	648
3	Infliximab treatment induces apoptosis of lamina propria T lymphocytes in Crohn's disease. <i>Gut</i> , 2002, 50, 206-211.	12.1	478
4	Biological effects of propionic acid in humans; metabolism, potential applications and underlying mechanisms. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 1175-1183.	2.4	441
5	Inhibition of stress-activated MAP kinases induces clinical improvement in moderate to severe Crohn's disease. <i>Gastroenterology</i> , 2002, 122, 7-14.	1.3	358
6	Impact of Human Granulocyte and Monocyte Isolation Procedures on Functional Studies. <i>Vaccine Journal</i> , 2012, 19, 1065-1074.	3.1	353
7	Indian Hedgehog is an antagonist of Wnt signaling in colonic epithelial cell differentiation. <i>Nature Genetics</i> , 2004, 36, 277-282.	21.4	343
8	Repression of Smoothed by Patched-Dependent (Pro-)Vitamin D3 Secretion. <i>PLoS Biology</i> , 2006, 4, e232.	5.6	260
9	Bone morphogenetic protein 2 is expressed by, and acts upon, mature epithelial cells in the colon. <i>Gastroenterology</i> , 2004, 126, 111-121.	1.3	246
10	A Relay Pathway between Arginine and Tryptophan Metabolism Confers Immunosuppressive Properties on Dendritic Cells. <i>Immunity</i> , 2017, 46, 233-244.	14.3	241
11	Anti-Inflammatory Effects of a p38 Mitogen-Activated Protein Kinase Inhibitor During Human Endotoxemia. <i>Journal of Immunology</i> , 2002, 168, 4070-4077.	0.8	235
12	Sonic hedgehog regulates gastric gland morphogenesis in man and mouse. <i>Gastroenterology</i> , 2001, 121, 317-328.	1.3	232
13	Rac mediates growth factor-induced arachidonic acid release. <i>Cell</i> , 1995, 81, 849-856.	28.9	211
14	Lactobacillus rhamnosus induces peripheral hyporesponsiveness in stimulated CD4+ T cells via modulation of dendritic cell function. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1618-1625.	4.7	188
15	Estimating the Global Prevalence, Disease Progression, and Clinical Outcome of Hepatitis Delta Virus Infection. <i>Journal of Infectious Diseases</i> , 2020, 221, 1677-1687.	4.0	182
16	High intra-uterine exposure to infliximab following maternal anti-TNF treatment during pregnancy. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 33, 1053-1058.	3.7	168
17	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. <i>Nature Genetics</i> , 2012, 44, 1131-1136.	21.4	162
18	Factor Xa: at the crossroads between coagulation and signaling in physiology and disease. <i>Trends in Molecular Medicine</i> , 2008, 14, 429-440.	6.7	158

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19	Calcineurin Inhibitors Stimulate and Mycophenolic Acid Inhibits Replication of Hepatitis E Virus. <i>Gastroenterology</i> , 2014, 146, 1775-1783.	1.3	158
20	Cytotoxicity of apigenin on leukemia cell lines: implications for prevention and therapy. <i>Cell Death and Disease</i> , 2010, 1, e19-e19.	6.3	157
21	Modeling rotavirus infection and antiviral therapy using primary intestinal organoids. <i>Antiviral Research</i> , 2015, 123, 120-131.	4.1	156
22	Bone Morphogenetic Protein 4 Expressed in Esophagitis Induces a Columnar Phenotype in Esophageal Squamous Cells. <i>Gastroenterology</i> , 2007, 132, 2412-2421.	1.3	153
23	Similar Depletion of Protective <i>Faecalibacterium prausnitzii</i> in Psoriasis and Inflammatory Bowel Disease, but not in Hidradenitis Suppurativa. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1067-1075.	1.3	152
24	Prediction of antitumour necrosis factor clinical efficacy by real-time visualisation of apoptosis in patients with Crohn's disease. <i>Gut</i> , 2007, 56, 509-517.	12.1	151
25	The Bone Morphogenetic Protein Pathway Is Inactivated in the Majority of Sporadic Colorectal Cancers. <i>Gastroenterology</i> , 2008, 134, 1332-1341.e3.	1.3	151
26	Transcriptional Regulation of Antiviral Interferon-Stimulated Genes. <i>Trends in Microbiology</i> , 2017, 25, 573-584.	7.7	151
27	Loss of SMAD4 Alters BMP Signaling to Promote Colorectal Cancer Cell Metastasis via Activation of Rho and ROCK. <i>Gastroenterology</i> , 2014, 147, 196-208.e13.	1.3	150
28	SARS-CoV-2 Omicron variant is highly sensitive to molnupiravir, nirmatrelvir, and the combination. <i>Cell Research</i> , 2022, 32, 322-324.	12.0	148
29	Sonic hedgehog expression correlates with fundic gland differentiation in the adult gastrointestinal tract. <i>Gut</i> , 2002, 51, 628-633.	12.1	147
30	Activated tumor-infiltrating CD4+ regulatory T cells restrain antitumor immunity in patients with primary or metastatic liver cancer. <i>Hepatology</i> , 2013, 57, 183-194.	7.3	147
31	Rapid immunosuppressive effects of glucocorticoids mediated through Lck and Fyn. <i>Blood</i> , 2005, 106, 1703-1710.	1.4	145
32	Role of the immune system in pancreatic cancer progression and immune modulating treatment strategies. <i>Cancer Treatment Reviews</i> , 2014, 40, 513-522.	7.7	141
33	Defective ATG16L1-mediated removal of IRE1 \pm drives Crohn's disease-like ileitis. <i>Journal of Experimental Medicine</i> , 2017, 214, 401-422.	8.5	141
34	A new phosphospecific cell-based ELISA for p42/p44 mitogen-activated protein kinase (MAPK), p38 MAPK, protein kinase B and cAMP-response-element-binding protein. <i>Biochemical Journal</i> , 2000, 350, 717-722.	3.7	138
35	Glucocorticoids cause rapid dissociation of a T cell receptor-associated protein complex containing LCK and FYN. <i>EMBO Reports</i> , 2006, 7, 1023-1029.	4.5	135
36	IDH1 R132H decreases proliferation of glioma cell lines in vitro and in vivo. <i>Annals of Neurology</i> , 2011, 69, 455-463.	5.3	132

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37	Cyclooxygenase-2 Inhibition Inhibits c-Met Kinase Activity and Wnt Activity in Colon Cancer. <i>Cancer Research</i> , 2008, 68, 1213-1220.	0.9	130
38	Violacein synergistically increases 5-fluorouracil cytotoxicity, induces apoptosis and inhibits Akt-mediated signal transduction in human colorectal cancer cells. <i>Carcinogenesis</i> , 2006, 27, 508-516.	2.8	129
39	Hedgehog signaling maintains chemoresistance in myeloid leukemic cells. <i>Oncogene</i> , 2010, 29, 6314-6322.	5.9	129
40	Molecular mechanism of violacein-mediated human leukemia cell death. <i>Blood</i> , 2004, 104, 1459-1464.	1.4	124
41	Vagus Nerve Activity Augments Intestinal Macrophage Phagocytosis via Nicotinic Acetylcholine Receptor $\alpha 4 \beta 2$. <i>Gastroenterology</i> , 2009, 137, 1029-1039.e4.	1.3	119
42	Statins augment the chemosensitivity of colorectal cancer cells inducing epigenetic reprogramming and reducing colorectal cancer cell 'stemness' via the bone morphogenetic protein pathway. <i>Gut</i> , 2011, 60, 1544-1553.	12.1	119
43	Kinome Profiling for Studying Lipopolysaccharide Signal Transduction in Human Peripheral Blood Mononuclear Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 49206-49213.	3.4	116
44	Factor Xa Stimulates Proinflammatory and Profibrotic Responses in Fibroblasts via Protease-Activated Receptor-2 Activation. <i>American Journal of Pathology</i> , 2008, 172, 309-320.	3.8	116
45	The long and winding road to rational treatment of cancer associated with LKB1/AMPK/TSC/mTORC1 signaling. <i>Oncogene</i> , 2011, 30, 2289-2303.	5.9	115
46	The global epidemiology of hepatitis E virus infection: A systematic review and meta-analysis. <i>Liver International</i> , 2020, 40, 1516-1528.	3.9	115
47	Bacterial Biofilms in Colorectal Cancer Initiation and Progression. <i>Trends in Molecular Medicine</i> , 2017, 23, 18-30.	6.7	114
48	Genomic ATG16L1 risk allele-restricted Paneth cell ER stress in quiescent Crohn's disease. <i>Gut</i> , 2014, 63, 1081-1091.	12.1	111
49	IL-6-induced DNMT1 activity mediates SOCS3 promoter hypermethylation in ulcerative colitis-related colorectal cancer. <i>Carcinogenesis</i> , 2012, 33, 1889-1896.	2.8	108
50	p38 Mitogen-Activated Protein Kinase Inhibition Increases Cytokine Release by Macrophages In Vitro and During Infection In Vivo. <i>Journal of Immunology</i> , 2001, 166, 582-587.	0.8	105
51	Bone Morphogenetic Protein Signaling Suppresses Tumorigenesis at Gastric Epithelial Transition Zones in Mice. <i>Cancer Research</i> , 2007, 67, 8149-8155.	0.9	104
52	Kinome Profiling in Pediatric Brain Tumors as a New Approach for Target Discovery. <i>Cancer Research</i> , 2009, 69, 5987-5995.	0.9	103
53	Functional genomic analyses of the gut microbiota for CRC screening. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 741-745.	17.8	103
54	Cancer-Associated Fibroblasts Provide a Stromal Niche for Liver Cancer Organoids That Confers Trophic Effects and Therapy Resistance. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 407-431.	4.5	103

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55	Phosphoprotein levels, MAPK activities and NF κ B expression are affected by fisetin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 439-444.	5.2	99
56	NF-kappaB, p38 MAPK and JNK are highly expressed and active in the stroma of human colonic adenomatous polyps. <i>Oncogene</i> , 2001, 20, 819-827.	5.9	98
57	Hedgehog: an unusual signal transducer. <i>BioEssays</i> , 2004, 26, 387-394.	2.5	97
58	Rapamycin and everolimus facilitate hepatitis E virus replication: Revealing a basal defense mechanism of PI3K-PKB-mTOR pathway. <i>Journal of Hepatology</i> , 2014, 61, 746-754.	3.7	97
59	A Phospholipidomic Analysis of All Defined Human Plasma Lipoproteins. <i>Scientific Reports</i> , 2011, 1, 139.	3.3	94
60	Hepatitis E Virus Infects Neurons and Brains. <i>Journal of Infectious Diseases</i> , 2017, 215, 1197-1206.	4.0	94
61	Surveillance of premalignant gastric lesions: a multicentre prospective cohort study from low incidence regions. <i>Gut</i> , 2019, 68, 585-593.	12.1	94
62	Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrett's Esophagus. <i>Gastroenterology</i> , 2015, 148, 367-378.	1.3	93
63	Sonic hedgehog induces transcription-independent cytoskeletal rearrangement and migration regulated by arachidonate metabolites. <i>Cellular Signalling</i> , 2007, 19, 2596-2604.	3.6	92
64	Diversity, compositional and functional differences between gut microbiota of children and adults. <i>Scientific Reports</i> , 2020, 10, 1040.	3.3	89
65	Hypoxia induces a hedgehog response mediated by HIF1 α . <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2053-2060.	3.6	83
66	Proteome of human plasma very low-density lipoprotein and low-density lipoprotein exhibits a link with coagulation and lipid metabolism. <i>Thrombosis and Haemostasis</i> , 2014, 112, 518-530.	3.4	82
67	Expression and Activation of NF- κ B in the Antrum of the Human Stomach. <i>Journal of Immunology</i> , 2000, 164, 3353-3359.	0.8	80
68	The global burden of hepatitis E outbreaks: a systematic review. <i>Liver International</i> , 2017, 37, 19-31.	3.9	80
69	Protein phosphatase 2A is required for mesalazine-dependent inhibition of Wnt/ β -catenin pathway activity. <i>Carcinogenesis</i> , 2006, 27, 2371-2382.	2.8	79
70	Comparison of Kinome Profiles of Barrett's Esophagus with Normal Squamous Esophagus and Normal Gastric Cardia. <i>Cancer Research</i> , 2006, 66, 11605-11612.	0.9	76
71	A Comparative Analysis by SAGE of Gene Expression Profiles of Barrett's Esophagus, Normal Squamous Esophagus, and Gastric Cardia. <i>Gastroenterology</i> , 2005, 129, 1274-1281.	1.3	75
72	Targeting LKB1 signaling in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1835, 194-210.	7.4	75

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73	Inhibition of coagulation, fibrinolysis, and endothelial cell activation by a p38 mitogen-activated protein kinase inhibitor during human endotoxemia. <i>Blood</i> , 2003, 101, 4446-4448.	1.4	74
74	The bone morphogenetic protein pathway is active in human colon adenomas and inactivated in colorectal cancer. <i>Cancer</i> , 2008, 112, 300-306.	4.1	74
75	Contrasting roles of IL-12p40 and IL-12p35 in the development of hapten-induced colitis. <i>European Journal of Immunology</i> , 2002, 32, 261-269.	2.9	73
76	The Effect of Statins in Colorectal Cancer Is Mediated Through the Bone Morphogenetic Protein Pathway. <i>Gastroenterology</i> , 2007, 133, 1272-1281.	1.3	71
77	A new phosphospecific cell-based ELISA for p42/p44 mitogen-activated protein kinase (MAPK), p38 MAPK, protein kinase B and cAMP-response-element-binding protein. <i>Biochemical Journal</i> , 2000, 350, 717.	3.7	67
78	The Microbiome and Psoriatic Arthritis. <i>Current Rheumatology Reports</i> , 2014, 16, 407.	4.7	67
79	Action and function of Wnt/ β -catenin signaling in the progression from chronic hepatitis C to hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , 2017, 52, 419-431.	5.1	66
80	Cross Talk between Nucleotide Synthesis Pathways with Cellular Immunity in Constraining Hepatitis E Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2834-2848.	3.2	64
81	Unphosphorylated ISGF3 drives constitutive expression of interferon-stimulated genes to protect against viral infections. <i>Science Signaling</i> , 2017, 10, .	3.6	64
82	Modulation of cytokine patterns and microbiome during pregnancy in IBD. <i>Gut</i> , 2020, 69, 473-486.	12.1	64
83	Remodeling of the gut microbiome during Ramadan-associated intermittent fasting. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1332-1342.	4.7	64
84	Identification of Lineage-Uncommitted, Long-Lived, Label-Retaining Cells in Healthy Human Esophagus and Stomach, and in Metaplastic Esophagus. <i>Gastroenterology</i> , 2013, 144, 761-770.	1.3	63
85	RIC β is a key antiviral interferon-stimulated gene against hepatitis E virus regardless of interferon production. <i>Hepatology</i> , 2017, 65, 1823-1839.	7.3	63
86	Epidemiology and management of chronic hepatitis E infection in solid organ transplantation: a comprehensive literature review. <i>Reviews in Medical Virology</i> , 2013, 23, 295-304.	8.3	61
87	The BMP pathway either enhances or inhibits the Wnt pathway depending on the SMAD4 and p53 status in CRC. <i>British Journal of Cancer</i> , 2015, 112, 122-130.	6.4	61
88	Genetic host factors in <i>Helicobacter pylori</i> -induced carcinogenesis: Emerging new paradigms. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 42-52.	7.4	61
89	T cell apoptosis and inflammatory bowel disease. <i>Gut</i> , 2004, 53, 1556-1558.	12.1	60
90	Palliative chemotherapy and targeted therapies for esophageal and gastroesophageal junction cancer. <i>The Cochrane Library</i> , 2017, 2017, CD004063.	2.8	60

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91	Pancreatic cyst fluid harbors a unique microbiome. <i>Microbiome</i> , 2017, 5, 147.	11.1	60
92	Mitochondrial Fusion Via OPA1 and MFN1 Supports Liver Tumor Cell Metabolism and Growth. <i>Cells</i> , 2020, 9, 121.	4.1	60
93	Modulation of Src Activity by Low Molecular Weight Protein Tyrosine Phosphatase During Osteoblast Differentiation. <i>Cellular Physiology and Biochemistry</i> , 2008, 22, 497-506.	1.6	59
94	Increased PTP1B expression and phosphatase activity in colorectal cancer results in a more invasive phenotype and worse patient outcome. <i>Oncotarget</i> , 2016, 7, 21922-21938.	1.8	59
95	Prevalence and Phenotype of Concurrent Psoriasis and Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 1783-1789.	1.9	59
96	Positive allosteric modulation of indoleamine 2,3-dioxygenase 1 restrains neuroinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3848-3857.	7.1	58
97	Kinome profiling of non-canonical TRAIL signaling reveals RIP1-Src-STAT3 dependent invasion in resistant non-small cell lung cancer cells. <i>Journal of Cell Science</i> , 2012, 125, 4651-61.	2.0	57
98	SMAD4 exerts a tumor-promoting role in hepatocellular carcinoma. <i>Oncogene</i> , 2015, 34, 5055-5068.	5.9	57
99	Low dose Naltrexone for induction of remission in inflammatory bowel disease patients. <i>Journal of Translational Medicine</i> , 2018, 16, 55.	4.4	57
100	Convergent Transcription of Interferon-stimulated Genes by TNF- α and IFN- α Augments Antiviral Activity against HCV and HEV. <i>Scientific Reports</i> , 2016, 6, 25482.	3.3	56
101	Protease-Activated Receptor-2 Induces Myofibroblast Differentiation and Tissue Factor Up-Regulation during Bleomycin-Induced Lung Injury. <i>American Journal of Pathology</i> , 2010, 177, 2753-2764.	3.8	55
102	IFN regulatory factor 1 restricts hepatitis E virus replication by activating STAT1 to induce antiviral IFN- α -stimulated genes. <i>FASEB Journal</i> , 2016, 30, 3352-3367.	0.5	54
103	Consequence of functional Nod2 and Tlr4 mutations on gene transcription in Crohn's disease patients. <i>Journal of Molecular Medicine</i> , 2005, 83, 601-609.	3.9	53
104	Kinome Analysis Reveals Nongenomic Glucocorticoid Receptor-Dependent Inhibition of Insulin Signaling. <i>Endocrinology</i> , 2006, 147, 3555-3562.	2.8	53
105	Tumor cell expression of immune inhibitory molecules and tumor-infiltrating lymphocyte count predict cancer-specific survival in pancreatic and ampullary cancer. <i>International Journal of Cancer</i> , 2017, 141, 572-582.	5.1	53
106	Leptin Signaling in Human Peripheral Blood Mononuclear Cells, Activation of p38 and p42/44 Mitogen-Activated Protein (MAP) Kinase and p70 S6 Kinase. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 4, 144-150.	1.6	52
107	From immune response to cancer: a spot on the low molecular weight protein tyrosine phosphatase. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 1140-1153.	5.4	51
108	PI3K-Akt-mTOR axis sustains rotavirus infection via the 4E-BP1 mediated autophagy pathway and represents an antiviral target. <i>Virulence</i> , 2018, 9, 83-98.	4.4	51

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109	A Direct Effect of Sex Hormones on Epithelial Barrier Function in Inflammatory Bowel Disease Models. <i>Cells</i> , 2019, 8, 261.	4.1	51
110	Ferruginol suppresses survival signaling pathways in androgen-independent human prostate cancer cells. <i>Biochimie</i> , 2008, 90, 843-854.	2.6	50
111	SOCS3 in immune regulation of inflammatory bowel disease and inflammatory bowel disease-related cancer. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 127-138.	7.2	50
112	Tumor promotion through the mesenchymal stem cell compartment in human hepatocellular carcinoma. <i>Carcinogenesis</i> , 2013, 34, 2330-2340.	2.8	50
113	Zeolite Nanoparticles for Selective Sorption of Plasma Proteins. <i>Scientific Reports</i> , 2015, 5, 17259.	3.3	50
114	Mycophenolic acid potently inhibits rotavirus infection with a high barrier to resistance development. <i>Antiviral Research</i> , 2016, 133, 41-49.	4.1	50
115	LGR5 marks targetable tumor-initiating cells in mouse liver cancer. <i>Nature Communications</i> , 2020, 11, 1961.	12.8	49
116	Lipid phosphatase SHIP2 functions as oncogene in colorectal cancer by regulating PKB activation. <i>Oncotarget</i> , 2016, 7, 73525-73540.	1.8	48
117	VIIa/Tissue Factor Interaction Results in a Tissue Factor Cytoplasmic Domain-independent Activation of Protein Synthesis, p70, and p90 S6 Kinase Phosphorylation. <i>Journal of Biological Chemistry</i> , 2002, 277, 27065-27072.	3.4	47
118	Specific Inhibition of c-Raf Activity by Semapimod Induces Clinical Remission in Severe Crohn's Disease. <i>Journal of Immunology</i> , 2005, 175, 2293-2300.	0.8	47
119	Human Plasma Very Low Density Lipoprotein Carries Indian Hedgehog. <i>Journal of Proteome Research</i> , 2010, 9, 6052-6059.	3.7	47
120	EphB2 activity plays a pivotal role in pediatric medulloblastoma cell adhesion and invasion. <i>Neuro-Oncology</i> , 2012, 14, 1125-1135.	1.2	47
121	Natural compounds as a source of protein tyrosine phosphatase inhibitors: Application to the rational design of small-molecule derivatives. <i>Biochimie</i> , 2006, 88, 1859-1873.	2.6	46
122	A possible anti-proliferative and anti-metastatic effect of irradiated riboflavin in solid tumours. <i>Cancer Letters</i> , 2007, 258, 126-134.	7.2	46
123	Altered bone morphogenetic protein signalling in the <i>Helicobacter pylori</i> -infected stomach. <i>Journal of Pathology</i> , 2006, 209, 190-197.	4.5	45
124	A promising action of riboflavin as a mediator of leukaemia cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1761-1771.	4.9	45
125	Protein phosphorylation and kinome profiling reveal altered regulation of multiple signaling pathways in B lymphocytes from patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2010, 62, 2412-2423.	6.7	45
126	Anchoring skeletal muscle development and disease: the role of ankyrin repeat domain containing proteins in muscle physiology. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2010, 45, 318-330.	5.2	45

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127	CD5 expression promotes IL-10 production through activation of the MAPK/Erk pathway and upregulation of TRPC1 channels in B lymphocytes. <i>Cellular and Molecular Immunology</i> , 2018, 15, 158-170.	10.5	45
128	Hedgehog Morphogen in Cardiovascular Disease. <i>Circulation</i> , 2006, 114, 1985-1991.	1.6	44
129	Assessment of chromosomal gains as compared to DNA content changes is more useful to detect dysplasia in Barrett's esophagus brush cytology specimens. <i>Genes Chromosomes and Cancer</i> , 2008, 47, 396-404.	2.8	44
130	On the road to understanding of the osteoblast adhesion: Cytoskeleton organization is rearranged by distinct signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 134-144.	2.6	44
131	Ascorbate-induced osteoblast differentiation recruits distinct MMP-inhibitors: RECK and TIMP-2. <i>Molecular and Cellular Biochemistry</i> , 2009, 322, 143-150.	3.1	44
132	Staphylococcal PknB as the First Prokaryotic Representative of the Proline-Directed Kinases. <i>PLoS ONE</i> , 2010, 5, e9057.	2.5	44
133	Cyclooxygenase-dependent signalling: molecular events and consequences. <i>FEBS Letters</i> , 1999, 445, 1-5.	2.8	43
134	TIGIT and PD1 Co-blockade Restores ex Vivo Functions of Human Tumor-Infiltrating CD8+ T Cells in Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 443-464.	4.5	43
135	Phosphoproteome reveals an atlas of protein signaling networks during osteoblast adhesion. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 957-966.	2.6	42
136	Kinome profiling of osteoblasts on hydroxyapatite opens new avenues on biomaterial cell signaling. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1900-1905.	3.3	42
137	Insights in dynamic kinome reprogramming as a consequence of MEK inhibition in MLL-rearranged AML. <i>Leukemia</i> , 2014, 28, 589-599.	7.2	42
138	Violacein Induces Death of Resistant Leukaemia Cells via Kinome Reprogramming, Endoplasmic Reticulum Stress and Golgi Apparatus Collapse. <i>PLoS ONE</i> , 2012, 7, e45362.	2.5	42
139	New insights into the role of STAT3 in IBD. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 1177-1183.	1.9	41
140	Nitazoxanide Inhibits Human Norovirus Replication and Synergizes with Ribavirin by Activation of Cellular Antiviral Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	41
141	Evidence for a Minimal Eukaryotic Phosphoproteome?. <i>PLoS ONE</i> , 2007, 2, e777.	2.5	41
142	PAK2 is an effector of TSC1/2 signaling independent of mTOR and a potential therapeutic target for Tuberous Sclerosis Complex. <i>Scientific Reports</i> , 2015, 5, 14534.	3.3	40
143	IRF-1, RIG-I and MDA5 display potent antiviral activities against norovirus coordinately induced by different types of interferons. <i>Antiviral Research</i> , 2018, 155, 48-59.	4.1	40
144	Gastric cancer and Hedgehog signaling pathway: emerging new paradigms. <i>Genes and Cancer</i> , 2018, 9, 1-10.	1.9	40

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145	Guanylin and uroguanylin are produced by mouse intestinal epithelial cells of columnar and secretory lineage. <i>Histochemistry and Cell Biology</i> , 2016, 146, 445-455.	1.7	39
146	Dynamics of Proliferative and Quiescent Stem Cells in Liver Homeostasis and Injury. <i>Gastroenterology</i> , 2017, 153, 1133-1147.	1.3	39
147	LPS Signal Transduction: The Picture is Becoming More Complex. <i>Current Topics in Medicinal Chemistry</i> , 2004, 4, 1115-1126.	2.1	38
148	Are Small GTPases Signal Hubs in Sugar-Mediated Induction of Fructan Biosynthesis?. <i>PLoS ONE</i> , 2009, 4, e6605.	2.5	38
149	Impaired innate immunity in Crohn's disease. <i>Trends in Molecular Medicine</i> , 2006, 12, 397-399.	6.7	37
150	Bone marrow stromal cell interaction reduces Syndecan-1 expression and induces kinomic changes in myeloma cells. <i>Experimental Cell Research</i> , 2010, 316, 1816-1828.	2.6	37
151	Absence of ABCG2-mediated mucosal detoxification in patients with active inflammatory bowel disease is due to impeded protein folding. <i>Biochemical Journal</i> , 2012, 441, 87-93.	3.7	37
152	Blocking Wnt Secretion Reduces Growth of Hepatocellular Carcinoma Cell Lines Mostly Independent of β -Catenin Signaling. <i>Neoplasia</i> , 2016, 18, 711-723.	5.3	37
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