

Jan B Hoek

List of Publications by Year in descending order

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190
papers

11,288
citations

38720

50
h-index

31818

101
g-index

196
all docs

196
docs citations

196
times ranked

12814
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling switches and bistability arising from multisite phosphorylation in protein kinase cascades. <i>Journal of Cell Biology</i> , 2004, 164, 353-359.	2.3	620
2	Mitochondrial Binding of Hexokinase II Inhibits Bax-induced Cytochrome c Release and Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 7610-7618.	1.6	602
3	Quantification of Short Term Signaling by the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 30169-30181.	1.6	507
4	Alcohol and mitochondria: A dysfunctional relationship. <i>Gastroenterology</i> , 2002, 122, 2049-2063.	0.6	452
5	Ethanol, oxidative stress, and cytokine-induced liver cell injury. <i>Alcohol</i> , 2002, 27, 63-68.	0.8	413
6	Obesity Induces Expression of Uncoupling Protein-2 in Hepatocytes and Promotes Liver ATP Depletion. <i>Journal of Biological Chemistry</i> , 1999, 274, 5692-5700.	1.6	386
7	Untangling the wires: A strategy to trace functional interactions in signaling and gene networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12841-12846.	3.3	386
8	Activation of Glycogen Synthase Kinase 3 β Disrupts the Binding of Hexokinase II to Mitochondria by Phosphorylating Voltage-Dependent Anion Channel and Potentiates Chemotherapy-Induced Cytotoxicity. <i>Cancer Research</i> , 2005, 65, 10545-10554.	0.4	360
9	Regulation of hexokinase binding to VDAC. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 171-182.	1.0	321
10	Role of calcium in the hormonal regulation of liver metabolism. <i>Biochimica Et Biophysica Acta - Reviews on Bioenergetics</i> , 1981, 639, 243-295.	0.8	305
11	Functional Consequences of the Sustained or Transient Activation by Bax of the Mitochondrial Permeability Transition Pore. <i>Journal of Biological Chemistry</i> , 1999, 274, 31734-31739.	1.6	266
12	Hexokinase II: The Integration of Energy Metabolism and Control of Apoptosis. <i>Current Medicinal Chemistry</i> , 2003, 10, 1535-1551.	1.2	222
13	Why cytoplasmic signalling proteins should be recruited to cell membranes. <i>Trends in Cell Biology</i> , 2000, 10, 173-178.	3.6	216
14	Systems-level interactions between insulin-EGF networks amplify mitogenic signaling. <i>Molecular Systems Biology</i> , 2009, 5, 256.	3.2	205
15	Ligand-dependent responses of the ErbB signaling network: experimental and modeling analyses. <i>Molecular Systems Biology</i> , 2007, 3, 144.	3.2	203
16	Ethanol potentiates tumor necrosis factor- α cytotoxicity in hepatoma cells and primary rat hepatocytes by promoting induction of the mitochondrial permeability transition. <i>Hepatology</i> , 2000, 31, 1141-1152.	3.6	190
17	The path from mitochondrial ROS to aging runs through the mitochondrial permeability transition pore. <i>Aging Cell</i> , 2017, 16, 943-955.	3.0	177
18	MICU1 regulation of mitochondrial Ca ²⁺ uptake dictates survival and tissue regeneration. <i>Nature Communications</i> , 2016, 7, 10955.	5.8	159

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19	Mitochondrial Ca ²⁺ and regulation of the permeability transition pore. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 27-47.	1.0	156
20	Scaffolding Protein Grb2-associated Binder 1 Sustains Epidermal Growth Factor-induced Mitogenic and Survival Signaling by Multiple Positive Feedback Loops*. <i>Journal of Biological Chemistry</i> , 2006, 281, 19925-19938.	1.6	153
21	Ethanol and signal transduction in the liver. <i>FASEB Journal</i> , 1992, 6, 2386-2396.	0.2	146
22	Quantification of information transfer via cellular signal transduction pathways. <i>FEBS Letters</i> , 1997, 414, 430-434.	1.3	141
23	Mitochondrial fusion dynamics is robust in the heart and depends on calcium oscillations and contractile activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E859-E868.	3.3	120
24	ALCOHOL AND MEMBRANE-ASSOCIATED SIGNAL TRANSDUCTION. <i>Alcohol and Alcoholism</i> , 1990, 25, 143-156.	0.9	113
25	Increased Oxidative Damage to Mitochondrial DNA Following Chronic Ethanol Consumption. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 286-290.	1.0	108
26	Modular Response Analysis of Cellular Regulatory Networks. <i>Journal of Theoretical Biology</i> , 2002, 218, 507-520.	0.8	106
27	Cellular Signaling Mechanisms in Alcohol-Induced Liver Damage. <i>Seminars in Liver Disease</i> , 2004, 24, 257-272.	1.8	96
28	Modular Response Analysis of Cellular Regulatory Networks. <i>Journal of Theoretical Biology</i> , 2002, 218, 507-520.	0.8	95
29	Mitochondria-targeted Cytochrome P450 2E1 Induces Oxidative Damage and Augments Alcohol-mediated Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2010, 285, 24609-24619.	1.6	95
30	Signaling through Receptors and Scaffolds: Independent Interactions Reduce Combinatorial Complexity. <i>Biophysical Journal</i> , 2005, 89, 951-966.	0.2	91
31	Prolactin-stimulated activation of ERK1/2 mitogen-activated protein kinases is controlled by PI3-kinase/Rac/PAK signaling pathway in breast cancer cells. <i>Cellular Signalling</i> , 2011, 23, 1794-1805.	1.7	89
32	Emergence of bimodal cell population responses from the interplay between analog single-cell signaling and protein expression noise. <i>BMC Systems Biology</i> , 2012, 6, 109.	3.0	89
33	PI3K/Akt-sensitive MEK-independent compensatory circuit of ERK activation in ER-positive PI3K-mutant T47D breast cancer cells. <i>Cellular Signalling</i> , 2010, 22, 1369-1378.	1.7	84
34	Why do protein kinase cascades have more than one level?. <i>Trends in Biochemical Sciences</i> , 1997, 22, 288.	3.7	82
35	Mitochondrial uncoupling: role of uncoupling protein anion carriers and relationship to thermogenesis and weight control "the benefits of losing control"., 1999, 31, 493-506.		81
36	Cellular adaptation to ethanol. <i>Trends in Biochemical Sciences</i> , 1988, 13, 269-274.	3.7	80

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37	Chronic ethanol consumption causes alterations in the structural integrity of mitochondrial DNA in aged rats. <i>Hepatology</i> , 1999, 30, 881-888.	3.6	79
38	Calcium ion-dependent signalling and mitochondrial dysfunction: mitochondrial calcium uptake during hormonal stimulation in intact liver cells and its implication for the mitochondrial permeability transition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1271, 93-102.	1.8	76
39	Temperature Dependence of the Epidermal Growth Factor Receptor Signaling Network Can Be Accounted for by a Kinetic Model. <i>Biochemistry</i> , 2002, 41, 306-320.	1.2	74
40	Long-range signaling by phosphoprotein waves arising from bistability in protein kinase cascades. <i>Molecular Systems Biology</i> , 2006, 2, 61.	3.2	74
41	Decorin Induces Mitophagy in Breast Carcinoma Cells via Peroxisome Proliferator-activated Receptor β 3 Coactivator-1 α (PGC-1 α) and Mitostatin. <i>Journal of Biological Chemistry</i> , 2014, 289, 4952-4968.	1.6	74
42	Potential by Chronic Ethanol Treatment of the Mitochondrial Permeability Transition. <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 405-409.	1.0	73
43	Diffusion control of protein phosphorylation in signal transduction pathways. <i>Biochemical Journal</i> , 2000, 350, 901-907.	1.7	72
44	Temporal changes in innate immune signals in a rat model of alcohol withdrawal in emotional and cardiorespiratory homeostatic nuclei. <i>Journal of Neuroinflammation</i> , 2012, 9, 97.	3.1	69
45	Chronic Ethanol Feeding Alters miRNA Expression Dynamics During Liver Regeneration. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E59-69.	1.4	62
46	Direct influence of the p53 tumor suppressor on mitochondrial biogenesis and function. <i>FASEB Journal</i> , 2001, 15, 635-644.	0.2	61
47	Adenine nucleotide changes in the remnant liver: An early signal for regeneration after partial hepatectomy. <i>Hepatology</i> , 2008, 48, 898-908.	3.6	61
48	Mechanisms of Alcohol-Induced Tissue Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 563-575.	1.4	60
49	Alcohol and Mitochondria in Cardiac Apoptosis: Mechanisms and Visualization. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 693-701.	1.4	55
50	Mitochondrial morphology and dynamics in hepatocytes from normal and ethanol-fed rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 101-109.	1.3	53
51	2 Nicotinamide Nucleotide Transhydrogenases. <i>The Enzymes</i> , 1976, 13, 51-88.	0.7	51
52	TNF α -induced cell death in ethanol-exposed cells depends on p38 MAPK signaling but is independent of Bid and caspase-8. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, G503-G516.	1.6	51
53	Signal processing at the Ras circuit: what shapes Ras activation patterns?. <i>IET Systems Biology</i> , 2004, 1, 104-113.	2.0	51
54	Intracellular acidosis protects cultured hepatocytes from the toxic consequences of a loss of mitochondrial energization. <i>Archives of Biochemistry and Biophysics</i> , 1989, 272, 152-161.	1.4	50

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55	Chronic ethanol feeding enhances miR-21 induction during liver regeneration while inhibiting proliferation in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G733-G743.	1.6	50
56	The Mitochondrial Permeability Transition: Nexus of Aging, Disease and Longevity. <i>Cells</i> , 2021, 10, 79.	1.8	50
57	Lipid Synthesis Is Required to Resolve Endoplasmic Reticulum Stress and Limit Fibrotic Responses in the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 225-236.	1.4	48
58	Effect of ethanol on amylase secretion and cellular calcium homeostasis in pancreatic acini from normal and ethanol-fed rats. <i>Biochemical Pharmacology</i> , 1987, 36, 69-79.	2.0	47
59	CELL SIGNALING: Mitochondrial Longevity Pathways. <i>Science</i> , 2007, 315, 607-609.	6.0	46
60	TGF- β 1 calcium signaling in osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 348-359.	1.2	45
61	Acetate Causes Alcohol Hangover Headache in Rats. <i>PLoS ONE</i> , 2010, 5, e15963.	1.1	44
62	Ethanol stimulates shape change in human platelets by activation of phosphoinositide-specific phospholipase C. <i>Archives of Biochemistry and Biophysics</i> , 1988, 260, 480-492.	1.4	42
63	Ethanol-Induced Inhibition of Cell Proliferation Is Modulated by Insulin-Like Growth Factor-I Receptor Levels. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 961-966.	1.4	42
64	Pharmacological ceramide reduction alleviates alcohol-induced steatosis and hepatomegaly in adiponectin knockout mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G959-G973.	1.6	40
65	Roles of Tissue Transglutaminase in Ethanol-induced Inhibition of Hepatocyte Proliferation and β 1-Adrenergic Signal Transduction. <i>Journal of Biological Chemistry</i> , 2000, 275, 22213-22219.	1.6	39
66	The Intracellular Signaling Network as a Target for Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 224S-230S.	1.4	38
67	Multistrip Western blotting to increase quantitative data output. <i>Electrophoresis</i> , 2007, 28, 3163-3173.	1.3	38
68	Coordinated Dynamic Gene Expression Changes in the Central Nucleus of the Amygdala During Alcohol Withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E88-100.	1.4	38
69	Functional Implications of the Interaction of Ethanol with Biologic Membranes: Actions of Ethanol on Hormonal Signal Transduction Systems. <i>Seminars in Liver Disease</i> , 1988, 8, 36-46.	1.8	36
70	Metabolic design: How to engineer a living cell to desired metabolite concentrations and fluxes. <i>Biotechnology and Bioengineering</i> , 1998, 59, 239-247.	1.7	36
71	Trading the micro-world of combinatorial complexity for the macro-world of protein interaction domains. <i>BioSystems</i> , 2006, 83, 152-166.	0.9	36
72	Computational modeling analysis of mitochondrial superoxide production under varying substrate conditions and upon inhibition of different segments of the electron transport chain. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 656-679.	0.5	36

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73	Chronic alcohol exposure alters transcription broadly in a key integrative brain nucleus for homeostasis: the nucleus tractus solitarius. <i>Physiological Genomics</i> , 2006, 24, 45-58.	1.0	35
74	Endotoxin and alcoholic liver disease: Tolerance and susceptibility. <i>Hepatology</i> , 1999, 29, 1602-1604.	3.6	34
75	Kinetics and control of oxidative phosphorylation in rat liver mitochondria after chronic ethanol feeding. <i>Biochemical Journal</i> , 2000, 349, 519-526.	1.7	34
76	Synergistic effects of ascorbate and sorafenib in hepatocellular carcinoma: New insights into ascorbate cytotoxicity. <i>Free Radical Biology and Medicine</i> , 2016, 95, 308-322.	1.3	34
77	Ethanol modulation of rat alveolar macrophage superoxide production. <i>Biochemical Pharmacology</i> , 1988, 37, 3528-3531.	2.0	33
78	TGF- β 1 calcium signaling increases α 5 integrin expression in osteoblasts. <i>Journal of Orthopaedic Research</i> , 2002, 20, 1042-1049.	1.2	33
79	Mitochondrial Energy Metabolism in Chronic Alcoholism. <i>Current Topics in Bioenergetics</i> , 1994, , 197-241.	2.7	32
80	Rapid Temporal Changes in the Expression of a Set of Neuromodulatory Genes During Alcohol Withdrawal in the Dorsal Vagal Complex: Molecular Evidence of Homeostatic Disturbance. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1688-1700.	1.4	32
81	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020, 94, 205-217.	1.9	32
82	Cellular activation by Ca ²⁺ release from stores in the endoplasmic reticulum but not by increased free Ca ²⁺ in the cytosol. <i>Biochemical Journal</i> , 1999, 344, 39-46.	1.7	31
83	A Ca ²⁺ -induced mitochondrial permeability transition causes complete release of rat liver endonuclease G activity from its exclusive location within the mitochondrial intermembrane space. Identification of a novel endo-exonuclease activity residing within the mitochondrial matrix. <i>Nucleic Acids Research</i> , 2003, 31, 1364-1373.	6.5	30
84	Tyr-317 Phosphorylation Increases Shc Structural Rigidity and Reduces Coupling of Domain Motions Remote from the Phosphorylation Site as Revealed by Molecular Dynamics Simulations. <i>Journal of Biological Chemistry</i> , 2004, 279, 4657-4662.	1.6	30
85	Elevated PTEN Levels Account for the Increased Sensitivity of Ethanol-exposed Cells to Tumor Necrosis Factor-induced Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2005, 280, 9416-9424.	1.6	30
86	Inhibition of miR-21 rescues liver regeneration after partial hepatectomy in ethanol-fed rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G794-G806.	1.6	29
87	Chronic alcohol feeding potentiates hormone-induced calcium signalling in hepatocytes. <i>Journal of Physiology</i> , 2017, 595, 3143-3164.	1.3	29
88	Amygdalar neuronal plasticity and the interactions of alcohol, sex, and stress. <i>Brain Structure and Function</i> , 2015, 220, 3211-3232.	1.2	28
89	Chronic Alcohol Ingestion in Rats Alters Lung Metabolism, Promotes Lipid Accumulation, and Impairs Alveolar Macrophage Functions. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 840-849.	1.4	26
90	Comparative studies on nicotinamide nucleotide transhydrogenase from different sources. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1974, 333, 237-245.	0.5	25

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91	Diffusion control of protein phosphorylation in signal transduction pathways. <i>Biochemical Journal</i> , 2000, 350, 901.	1.7	25
92	Temporal and functional profile of the transcriptional regulatory network in the early regenerative response to partial hepatectomy in the rat. <i>BMC Genomics</i> , 2008, 9, 527.	1.2	25
93	Advancing Alcohol Biomarkers Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 941-945.	1.4	25
94	Ethanol inhibits the peak of muscarinic receptor-stimulated formation of inositol 1,4,5-trisphosphate in neuroblastoma SH-SY5Y cells. <i>Biochemical Pharmacology</i> , 1995, 50, 647-654.	2.0	24
95	Glutamate transport and the trans-membrane pH gradient in isolated rat-liver mitochondria. <i>FEBS Letters</i> , 1976, 71, 341-346.	1.3	23
96	Ethanol does not stimulate guanine nucleotide-induced activation of phospholipase C in permeabilized hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 1987, 256, 29-38.	1.4	23
97	Ethanol-induced stimulation of phosphoinositide turnover and calcium influx in isolated hepatocytes. <i>Biochemical Pharmacology</i> , 1988, 37, 2461-2466.	2.0	23
98	Enzyme activities in flight and leg muscle of the dung beetle in relation to proline metabolism. <i>Insect Biochemistry</i> , 1979, 9, 461-466.	1.8	22
99	Rapid Transbilayer Movement of Phosphatidylethanol in Unilamellar Phosphatidylcholine Vesicles. <i>Journal of the American Chemical Society</i> , 1994, 116, 4050-4052.	6.6	22
100	Inhibitory Effect of Ethanol on Hepatocyte Growth Factor-Induced DNA Synthesis and Ca ²⁺ Mobilization in Rat Hepatocytes. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 330A-334A.	1.4	22
101	Kinetics and control of oxidative phosphorylation in rat liver mitochondria after chronic ethanol feeding. <i>Biochemical Journal</i> , 2000, 349, 519.	1.7	22
102	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 33S-39S.	1.4	22
103	On the use of N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)phosphatidylethanolamine in the study of lipid polymorphism. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 986, 89-96.	1.4	21
104	Phosphatidylethanol Formation in Rat Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 1991, 625, 438-440.	1.8	21
105	Selective solubilization of nicotinamide nucleotide transhydrogenase from the mitochondrial inner membrane. <i>Biochemical and Biophysical Research Communications</i> , 1974, 60, 448-455.	1.0	20
106	Ca ²⁺ -dependent allosteric regulation of nicotinamide nucleotide transhydrogenase from <i>Pseudomonasaeruginosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 1973, 52, 421-429.	1.0	19
107	Secretion of Prostaglandins Elicited by Lipopolysaccharide and Ethanol in Cultured Rat Kupffer Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 215, 691-697.	1.0	19
108	Computational Modeling of Spatiotemporal Ca ²⁺ Signal Propagation Along Hepatocyte Cords. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2047-2055.	2.5	19

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109	Metabolic reprogramming of murine cardiomyocytes during autophagy requires the extracellular nutrient sensor decorin. <i>Journal of Biological Chemistry</i> , 2018, 293, 16940-16950.	1.6	19
110	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 1997, 174, 173-179.	1.4	18
111	Alcohol and Breast Cancer: Reconciling Epidemiological and Molecular Data. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 7-39.	0.8	18
112	Multistrip Western Blotting: A Tool for Comparative Quantitative Analysis of Multiple Proteins. <i>Methods in Molecular Biology</i> , 2015, 1312, 197-226.	0.4	18
113	Adiponectin fine-tuning of liver regeneration dynamics revealed through cellular network modelling. <i>Journal of Physiology</i> , 2015, 593, 365-383.	1.3	16
114	A novel comparative pattern analysis approach identifies chronic alcohol mediated dysregulation of transcriptomic dynamics during liver regeneration. <i>BMC Genomics</i> , 2016, 17, 260.	1.2	16
115	Cellular activation by Ca ²⁺ release from stores in the endoplasmic reticulum but not by increased free Ca ²⁺ in the cytosol. <i>Biochemical Journal</i> , 1999, 344, 39.	1.7	15
116	Effect of chronic ethanol ingestion on pancreatic protein synthesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 966, 390-402.	1.1	14
117	Ethanol withdrawal stimulates protein synthesis in rat pancreatic lobules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1036, 107-112.	1.1	14
118	Interaction of Protein Phosphatases and Ethanol on Phospholipase C-Mediated Intracellular Signal Transduction Processes in Rat Hepatocytes: Role of Protein Kinase A. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 320A-324A.	1.4	14
119	Silence on the relevant literature and errors in implementation. <i>Nature Biotechnology</i> , 2015, 33, 336-339.	9.4	14
120	KINETICS AND MECHANISMS OF GLUTAMATE TRANSPORT ACROSS THE MITOCHONDRIAL MEMBRANE. <i>Annals of the New York Academy of Sciences</i> , 1980, 341, 593-608.	1.8	13
121	Effects of Alcohol on Polyphosphoinositide-Mediated Intracellular Signaling. <i>Annals of the New York Academy of Sciences</i> , 1991, 625, 375-387.	1.8	13
122	Epidermal growth factor-induced activation of the insulin-like growth factor I receptor in rat hepatocytes. <i>Hepatology</i> , 2002, 36, 1509-1518.	3.6	13
123	Use of CYP2E1-Transfected Human Liver Cell Lines in Elucidating the Actions of Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 1726-1734.	1.4	13
124	Epidemiology of Moderate Alcohol Consumption and Breast Cancer: Association or Causation?. <i>Cancers</i> , 2018, 10, 349.	1.7	13
125	Alcohol-Mediated Missplicing of Mcl-1 Pre-mRNA is Involved in Neurotoxicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1715-1724.	1.4	12
126	Introduction to the Virtual Issue Alcohol and Epigenetic Regulation: Do the Products of Alcohol Metabolism Drive Epigenetic Control of Gene Expression in Alcohol-Related Disorders?. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 845-848.	1.4	12

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127	Computational Modeling Analysis of Generation of Reactive Oxygen Species by Mitochondrial Assembled and Disintegrated Complex II. <i>Frontiers in Physiology</i> , 2020, 11, 557721.	1.3	12
128	Effects of Ethanol on Calcium Homeostasis in Rat Hepatocytes and Its Interaction with the Phosphoinositide-Dependent Pathway of Signal Transduction. <i>Annals of the New York Academy of Sciences</i> , 1987, 492, 212-223.	1.8	11
129	Suppression of Epidermal Growth Factor-Induced Phospholipase C Activation Associated With Actin Rearrangement in Rat Hepatocytes in Primary Culture. <i>Hepatology</i> , 2000, 32, 947-957.	3.6	11
130	Unilateral nephrectomy selectively stimulates phospholipase D in the remaining kidney. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1177, 87-92.	1.9	10
131	Cellular network modeling and single cell gene expression analysis reveals novel hepatic stellate cell phenotypes controlling liver regeneration dynamics. <i>BMC Systems Biology</i> , 2018, 12, 86.	3.0	10
132	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 33S-39S.	1.4	9
133	Metformin and the Fate of Fat. <i>Gastroenterology</i> , 2006, 130, 2234-2237.	0.6	8
134	A novel, dynamic pattern-based analysis of NF- κ B binding during the priming phase of liver regeneration reveals switch-like functional regulation of target genes. <i>Frontiers in Physiology</i> , 2015, 6, 189.	1.3	8
135	Causality Analysis and Cell Network Modeling of Spatial Calcium Signaling Patterns in Liver Lobules. <i>Frontiers in Physiology</i> , 2018, 9, 1377.	1.3	8
136	Ethanol Disrupts Hormone-Induced Calcium Signaling in Liver. <i>Function</i> , 2021, 2, zqab002.	1.1	8
137	Carbachol-Stimulated Ca ²⁺ Increase in Single Neuroblastoma SH-SY5Y Cells: Effects of Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 637-645.	1.4	7
138	Inhibition of insulin-like growth factor I receptor tyrosine kinase by ethanol. <i>Biochemical Pharmacology</i> , 2004, 68, 2009-2017.	2.0	7
139	Phorbol Esters Inhibit Ethanol-Induced Calcium Mobilization and Polyphosphoinositide Turnover in Isolated Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 1987, 492, 245-247.	1.8	6
140	Inhibition of ethanol-induced platelet activation by agents that elevate cAMP. <i>Thrombosis Research</i> , 1990, 58, 625-632.	0.8	6
141	Stimulation of protein synthesis in isolated pancreatic acini from chronically ethanol-fed rats is due to alterations in post-transcriptional regulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1993, 1158, 113-119.	1.1	6
142	Phosphatidylethanol as a ¹³ C-NMR probe for reporting packing constraints in phospholipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1283, 151-162.	1.4	6
143	Effect of Glutathione on Inositol 1,4,5-Triphosphate-Induced Ca ²⁺ Release in Permeabilized Hepatocytes from Control and Chronic Ethanol-Fed Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 325A-329A.	1.4	6
144	Single-Cell Gene Expression Analysis Identifies Chronic Alcohol-Mediated Shift in Hepatocyte Molecular States After Partial Hepatectomy. <i>Gene Expression</i> , 2019, 19, 97-119.	0.5	6

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145	Chapter 18 Hormonal regulation of cellular energy metabolism. <i>New Comprehensive Biochemistry</i> , 1992, 23, 421-461.	0.1	5
146	Epidermal growth factor-induced activation of the insulin-like growth factor I receptor in rat hepatocytes. <i>Hepatology</i> , 2002, 36, 1509-1518.	3.6	5
147	In Vivo Zonal Variation and Liver Cell-Type Specific NF- κ B Localization after Chronic Adaptation to Ethanol and following Partial Hepatectomy. <i>PLoS ONE</i> , 2015, 10, e0140236.	1.1	5
148	Ageing effects on pedicled fasciocutaneous flap survival in rats. <i>Head and Neck</i> , 2016, 38, E1152-62.	0.9	5
149	Pattern analysis uncovers a chronic ethanol-induced disruption of the switch-like dynamics of C/EBP- β and C/EBP- δ genome-wide binding during liver regeneration. <i>Physiological Genomics</i> , 2017, 49, 11-26.	1.0	5
150	The Effect of Ethanol on Superoxide Production in Alveolar Macrophages. <i>Annals of the New York Academy of Sciences</i> , 1987, 492, 324-326.	1.8	4
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