

Jan B Hoek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1018231/publications.pdf>

Version: 2024-02-01

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	Deconvolution of Bulk RNAseq Data from Human Liver Samples Reveals a Metabolic Switch in Periportal Hepatocytes in Alcoholic Hepatitis. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
2	Modulation of miRâ€21 can reprogram the TGFâ€â€2 signaling pathway to alter HSC phenotype in vitro. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
3	MicroRNA Drivers for Regenerative Capacity in Liver Transplantation. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	Ethanol Disrupts Hormone-Induced Calcium Signaling in Liver. <i>Function</i> , 2021, 2, zqab002.	1.1	8
5	The Mitochondrial Permeability Transition: Nexus of Aging, Disease and Longevity. <i>Cells</i> , 2021, 10, 79.	1.8	50
6	Dysregulation of miR-21-associated miRNA regulatory networks by chronic ethanol consumption impairs liver regeneration. <i>Physiological Genomics</i> , 2021, 53, 546-555.	1.0	3
7	A Spatial Model of Hepatic Calcium Signaling and Glucose Metabolism Under Autonomic Control Reveals Functional Consequences of Varying Liver Innervation Patterns Across Species. <i>Frontiers in Physiology</i> , 2021, 12, 748962.	1.3	2
8	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
9	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
10	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
11	Highâ€Resolution Chronology of Murine Biological Responses to 70% Partial Hepatectomy. <i>FASEB Journal</i> , 2019, 33, 496.44.	0.2	0
12	CAMKK2â€dependent AMPK activation is required to drive cell cycle progression and hepatocyte proliferation after partial hepatectomy in the rat. <i>FASEB Journal</i> , 2019, 33, 369.3.	0.2	0
13	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
14	Introduction to the Virtual Issue Alcohol and Epigenetic Regulation: Do the Products of Alcohol Metabolism Drive Epigenetic Control of Gene Expression in Alcoholâ€Related Disorders?. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 845-848.	1.4	12
15	Epidemiology of Moderate Alcohol Consumption and Breast Cancer: Association or Causation?. <i>Cancers</i> , 2018, 10, 349.	1.7	13
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Fine-tuning of hepatocyte calcium signaling and liver regeneration by the mitochondrial calcium uniporter. <i>FASEB Journal</i> , 2018, 32, 536.10.	0.2	0
20	Pre-clinical identification of potential molecular diagnostic biomarkers of secondary ischemia in microvascular fasciocutaneous flaps. <i>FASEB Journal</i> , 2018, 32, 35.6.	0.2	0
21	Integrated Causal Network and Model-based Analysis of Ca ²⁺ Wave Propagation in Liver Lobules. <i>FASEB Journal</i> , 2018, 32, 863.5.	0.2	0
22	Putative MicroRNA Regulatory Networks in Hepatic Stellate Cells Underlying Chronic Ethanol-Mediated Impairment of Liver Regeneration after Partial Hepatectomy. <i>FASEB Journal</i> , 2018, 32, 546.5.	0.2	0
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	Chronic alcohol feeding potentiates hormone-induced calcium signalling in hepatocytes. <i>Journal of Physiology</i> , 2017, 595, 3143-3164.	1.3	29
25	Biochemical Effects of Exercise on a Fasciocutaneous Flap in a Rat Model. <i>JAMA Facial Plastic Surgery</i> , 2017, 19, 303-310.	2.2	3
26	Pattern analysis uncovers a chronic ethanol-induced disruption of the switch-like dynamics of C/EBP- β and C/EBP- α genome-wide binding during liver regeneration. <i>Physiological Genomics</i> , 2017, 49, 11-26.	1.0	5
27	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
28	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
29	Mitochondrial Ca ²⁺ and regulation of the permeability transition pore. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 27-47.	1.0	156
30	Aging effects on pedicled fasciocutaneous flap survival in rats. <i>Head and Neck</i> , 2016, 38, E1152-62.	0.9	5
31	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
32	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
33	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
34	MICU1 regulation of mitochondrial Ca ²⁺ uptake dictates survival and tissue regeneration. <i>Nature Communications</i> , 2016, 7, 10955.	5.8	159
35	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
36	A novel comparative pattern count analysis reveals a chronic ethanol-induced dynamic shift in immediate early NF- κ B genome-wide promoter binding during liver regeneration. <i>Molecular BioSystems</i> , 2016, 12, 1037-1056.	2.9	4

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Alcohol and Breast Cancer: Reconciling Epidemiological and Molecular Data. <i>Advances in Experimental Medicine and Biology</i> , 2015, 815, 7-39.	0.8	18
40	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
41	Adiponectin fine-tuning of liver regeneration dynamics revealed through cellular network modelling. <i>Journal of Physiology</i> , 2015, 593, 365-383.	1.3	16
42	Silence on the relevant literature and errors in implementation. <i>Nature Biotechnology</i> , 2015, 33, 336-339.	9.4	14
43	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
44	Amygdalar neuronal plasticity and the interactions of alcohol, sex, and stress. <i>Brain Structure and Function</i> , 2015, 220, 3211-3232.	1.2	28
45	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
46	Farewell to Drs. Ivan Diamond and T.-K. Li. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1821-1821.	1.4	0
47	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
48	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
49	Chronic Ethanol Feeding Alters miRNA Expression Dynamics During Liver Regeneration. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E59-69.	1.4	62
50	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
51	Adaptation to chronic alcohol intake alters STAT3 genome-wide binding dynamics during liver regeneration. <i>FASEB Journal</i> , 2013, 27, 872.4.	0.2	0
52	miR-21 inhibition overcomes ethanol suppression of rat liver regeneration. <i>FASEB Journal</i> , 2013, 27, 257.3.	0.2	0
53	Genome-wide combinatorial transcriptional regulatory dynamics during early onset of liver regeneration and chronic alcohol intake. <i>FASEB Journal</i> , 2013, 27, 1161.5.	0.2	0
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	Mitochondrial morphology and dynamics in hepatocytes from normal and ethanol-fed rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 464, 101-109.	1.3	53
59	<i>Liver Disease</i> , 2012, , 407-420.		0
60	Synergistic anti-tumor effect by a combination treatment with the dietary flavonoid luteolin and the chemotherapy drugs Tasigna or Aducril in human pancreatic cancer cells. <i>FASEB Journal</i> , 2012, 26, 999.4.	0.2	2
61	Genome-wide combinatorial transcriptional regulatory dynamics during early onset of liver regeneration and chronic alcohol intake. <i>FASEB Journal</i> , 2012, 26, 274.5.	0.2	0
62	Profiling candidate housekeeping genes for data normalization in chronic ethanol treated rat liver regeneration model. <i>FASEB Journal</i> , 2012, 26, 145.7.	0.2	0
63	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
64	THE ROUTES OF ERK ACTIVATION IN PROLACTIN-STIMULATED BREAST CANCER CELLS. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
65	Ethanol effects on cell cycle related genes in regenerating rat liver. <i>FASEB Journal</i> , 2011, 25, 115.3.	0.2	0
66	Chronic alcohol effects on NF- κ B genome-wide binding dynamics during early onset of liver regeneration. <i>FASEB Journal</i> , 2011, 25, 998.8.	0.2	0
67	Advancing Alcohol Biomarkers Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 941-945.	1.4	25
68	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
69	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
70	Acetate Causes Alcohol Hangover Headache in Rats. <i>PLoS ONE</i> , 2010, 5, e15963.	1.1	44
71	Dynamic cross-talk between PI3-kinase/Akt and Ras/ERK pathways in EGF receptor signaling that can affect drug sensitivity in tumor cells. <i>FASEB Journal</i> , 2010, 24, 715.2.	0.2	0
72	ATP loss and purinergic receptor signaling contribute to early transcriptional responses activated by JNK in liver regeneration after partial hepatectomy in the rat. <i>FASEB Journal</i> , 2010, 24, 749.7.	0.2	0

#	ARTICLE	IF	CITATIONS
73	Systems-level interactions between insulin-EGF networks amplify mitogenic signaling. <i>Molecular Systems Biology</i> , 2009, 5, 256.	3.2	205
74	Integration of Energy Metabolism and Control of Apoptosis in Tumor Cells. , 2009, , 103-129.		2
75	Regulation of hexokinase binding to VDAC. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 171-182.	1.0	321
76	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
77	Recognizing Dr. Ting-Kai Li for a Job Well Done. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 2029-2029.	1.4	0
78	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
79	Behavioral and neurobiological changes within a period of heightened susceptibility to voluntary alcohol withdrawal. <i>FASEB Journal</i> , 2008, 22, 946.7.	0.2	1
80	Ligand-dependent responses of the ErbB signaling network: experimental and modeling analyses. <i>Molecular Systems Biology</i> , 2007, 3, 144.	3.2	203
81	CELL SIGNALING: Mitochondrial Longevity Pathways. <i>Science</i> , 2007, 315, 607-609.	6.0	46
82	TGF- β 1 calcium signaling in osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 348-359.	1.2	45
83	Multistrip Western blotting to increase quantitative data output. <i>Electrophoresis</i> , 2007, 28, 3163-3173.	1.3	38
84	Metformin and the Fate of Fat. <i>Gastroenterology</i> , 2006, 130, 2234-2237.	0.6	8
85	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
86	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
87	Long-range signaling by phosphoprotein waves arising from bistability in protein kinase cascades. <i>Molecular Systems Biology</i> , 2006, 2, 61.	3.2	74
88	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
89	Alcohol and Mitochondria in Cardiac Apoptosis: Mechanisms and Visualization. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 693-701.	1.4	55
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Signaling through Receptors and Scaffolds: Independent Interactions Reduce Combinatorial Complexity. <i>Biophysical Journal</i> , 2005, 89, 951-966.	0.2	91
94	Cellular Signaling Mechanisms in Alcohol-Induced Liver Damage. <i>Seminars in Liver Disease</i> , 2004, 24, 257-272.	1.8	96
95	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
96	Signal processing at the Ras circuit: what shapes Ras activation patterns?. <i>IET Systems Biology</i> , 2004, 1, 104-113.	2.0	51
97	Inhibition of insulin-like growth factor I receptor tyrosine kinase by ethanol. <i>Biochemical Pharmacology</i> , 2004, 68, 2009-2017.	2.0	7
98	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
99	Mechanisms of Alcohol-Induced Tissue Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 563-575.	1.4	60
100	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
101	Hexokinase II: The Integration of Energy Metabolism and Control of Apoptosis. <i>Current Medicinal Chemistry</i> , 2003, 10, 1535-1551.	1.2	222
102	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
103	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
104	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
105	Alcohol and mitochondria: A dysfunctional relationship. <i>Gastroenterology</i> , 2002, 122, 2049-2063.	0.6	452
106	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
107	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
108	Modular Response Analysis of Cellular Regulatory Networks. <i>Journal of Theoretical Biology</i> , 2002, 218, 507-520.	0.8	106

#	ARTICLE	IF	CITATIONS
109	Modular Response Analysis of Cellular Regulatory Networks. <i>Journal of Theoretical Biology</i> , 2002, 218, 507-520.	0.8	95
110	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
111	TGF- β 1 calcium signaling increases β 5 integrin expression in osteoblasts. <i>Journal of Orthopaedic Research</i> , 2002, 20, 1042-1049.	1.2	33
112	Ethanol, oxidative stress, and cytokine-induced liver cell injury. <i>Alcohol</i> , 2002, 27, 63-68.	0.8	413
113	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 33S-39S.	1.4	22
114	Direct influence of the p53 tumor suppressor on mitochondrial biogenesis and function. <i>FASEB Journal</i> , 2001, 15, 635-644.	0.2	61
115	Ethanol and Lipid Metabolic Signaling. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 33S-39S.	1.4	9
116	Kinetics and control of oxidative phosphorylation in rat liver mitochondria after chronic ethanol feeding. <i>Biochemical Journal</i> , 2000, 349, 519.	1.7	22
117	Diffusion control of protein phosphorylation in signal transduction pathways. <i>Biochemical Journal</i> , 2000, 350, 901.	1.7	25
118	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
119	Diffusion control of protein phosphorylation in signal transduction pathways. <i>Biochemical Journal</i> , 2000, 350, 901-907.	1.7	72
120	Heart Mitochondrial Respiratory Chain Complexes Are Functionally Unaffected in Heavy Ethanol Drinkers Without Cardiomyopathy. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 859-864.	1.4	1
121	Why cytoplasmic signalling proteins should be recruited to cell membranes. <i>Trends in Cell Biology</i> , 2000, 10, 173-178.	3.6	216
122	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
123	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
124	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
125	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
126	Quantification of Short Term Signaling by the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 30169-30181.	1.6	507

#	ARTICLE	IF	CITATIONS
127	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
128	Endotoxin and alcoholic liver disease: Tolerance and susceptibility. Hepatology, 1999, 29, 1602-1604.	3.6	34
129	Chronic ethanol consumption causes alterations in the structural integrity of mitochondrial DNA in aged rats. Hepatology, 1999, 30, 881-888.	3.6	79
130	Obesity Induces Expression of Uncoupling Protein-2 in Hepatocytes and Promotes Liver ATP Depletion. Journal of Biological Chemistry, 1999, 274, 5692-5700.	1.6	386
131	Potentialiation by Chronic Ethanol Treatment of the Mitochondrial Permeability Transition. Biochemical and Biophysical Research Communications, 1999, 265, 405-409.	1.0	73
132	Cellular activation by Ca ²⁺ release from stores in the endoplasmic reticulum but not by increased free Ca ²⁺ in the cytosol. Biochemical Journal, 1999, 344, 39-46.	1.7	31
133	Cellular activation by Ca ²⁺ release from stores in the endoplasmic reticulum but not by increased free Ca ²⁺ in the cytosol. Biochemical Journal, 1999, 344, 39.	1.7	15
134	Metabolic design: How to engineer a living cell to desired metabolite concentrations and fluxes. Biotechnology and Bioengineering, 1998, 59, 239-247.	1.7	36
135	The Intracellular Signaling Network as a Target for Ethanol. Alcoholism: Clinical and Experimental Research, 1998, 22, 224S-230S.	1.4	38
136	Carbachol-Stimulated Ca ²⁺ Increase in Single Neuroblastoma SH-SY5Y Cells: Effects of Ethanol. Alcoholism: Clinical and Experimental Research, 1998, 22, 637-645.	1.4	7
137	Increased Oxidative Damage to Mitochondrial DNA Following Chronic Ethanol Consumption. Biochemical and Biophysical Research Communications, 1997, 235, 286-290.	1.0	108
138	Quantification of information transfer via cellular signal transduction pathways. FEBS Letters, 1997, 414, 430-434.	1.3	141
139	Why do protein kinase cascades have more than one level?. Trends in Biochemical Sciences, 1997, 22, 288.	3.7	82
140	Title is missing!. Molecular and Cellular Biochemistry, 1997, 174, 173-179.	1.4	18
141	Hormonal stimulation, mitochondrial Ca ²⁺ accumulation, and the control of the mitochondrial permeability transition in intact hepatocytes. , 1997, , 173-179.		4
142	Phosphatidylethanol as a ¹³ C-NMR probe for reporting packing constraints in phospholipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1283, 151-162.	1.4	6
143	Interaction of Protein Phosphatases and Ethanol on Phospholipase C-Mediated Intracellular Signal Transduction Processes in Rat Hepatocytes: Role of Protein Kinase A. Alcoholism: Clinical and Experimental Research, 1996, 20, 320A-324A.	1.4	14
144	Effect of Glutathione on Inositol 1,4,5-Triphosphate-Induced Ca ²⁺ Release in Permeabilized Hepatocytes from Control and Chronic Ethanol-Fed Rats. Alcoholism: Clinical and Experimental Research, 1996, 20, 325A-329A.	1.4	6

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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	0
148	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	0
149	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	0
150	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
151	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
152	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
153	Mitochondrial Energy Metabolism in Chronic Alcoholism. <i>Current Topics in Bioenergetics</i> , 1994, , 197-241.	2.7	32
154	Leupeptin inhibits phospholipases D and C activation in rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1223, 84-90.	1.9	2
155	Rapid Transbilayer Movement of Phosphatidylethanol in Unilamellar Phosphatidylcholine Vesicles. <i>Journal of the American Chemical Society</i> , 1994, 116, 4050-4052.	6.6	22
156	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
157	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
158	Ethanol and Phospholipid Dependent Signal Transduction: The View from the Liver. , 1993, , 219-233.		4
159	Chapter 18 Hormonal regulation of cellular energy metabolism. <i>New Comprehensive Biochemistry</i> , 1992, 23, 421-461.	0.1	5
160	Ethanol and signal transduction in the liver. <i>FASEB Journal</i> , 1992, 6, 2386-2396.	0.2	146
161	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
162	Phosphatidylethanol Formation in Rat Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 1991, 625, 438-440.	1.8	21

#	ARTICLE	IF	CITATIONS
163	ALCOHOL AND MEMBRANE-ASSOCIATED SIGNAL TRANSDUCTION. Alcohol and Alcoholism, 1990, 25, 143-156.	0.9	113
164	Ethanol withdrawal stimulates protein synthesis in rat pancreatic lobules. Biochimica Et Biophysica Acta - General Subjects, 1990, 1036, 107-112.	1.1	14
165	Inhibition of ethanol-induced platelet activation by agents that elevate cAMP. Thrombosis Research, 1990, 58, 625-632.	0.8	6
166	Intracellular acidosis protects cultured hepatocytes from the toxic consequences of a loss of mitochondrial energization. Archives of Biochemistry and Biophysics, 1989, 272, 152-161.	1.4	50
167	On the use of N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)phosphatidylethanolamine in the study of lipid polymorphism. Biochimica Et Biophysica Acta - Biomembranes, 1989, 986, 89-96.	1.4	21
168	Activation of the Inositol-1,4,5-Trisphosphate Signaling System by Acute Ethanol Treatment of Rat Hepatocytes. , 1989, , 169-177.		1
169	Ethanol stimulates shape change in human platelets by activation of phosphoinositide-specific phospholipase C. Archives of Biochemistry and Biophysics, 1988, 260, 480-492.	1.4	42
170	Ethanol-induced stimulation of phosphoinositide turnover and calcium influx in isolated hepatocytes. Biochemical Pharmacology, 1988, 37, 2461-2466.	2.0	23
171	Ethanol modulation of rat alveolar macrophage superoxide production. Biochemical Pharmacology, 1988, 37, 3528-3531.	2.0	33
172	Cellular adaptation to ethanol. Trends in Biochemical Sciences, 1988, 13, 269-274.	3.7	80
173	Effect of chronic ethanol ingestion on pancreatic protein synthesis. Biochimica Et Biophysica Acta - General Subjects, 1988, 966, 390-402.	1.1	14
174	Functional Implications of the Interaction of Ethanol with Biologic Membranes: Actions of Ethanol on Hormonal Signal Transduction Systems. Seminars in Liver Disease, 1988, 8, 36-46.	1.8	36
175	Effects of Ethanol on Calcium Homeostasis in Rat Hepatocytes and Its Interaction with the Phosphoinositide-Dependent Pathway of Signal Transduction. Annals of the New York Academy of Sciences, 1987, 492, 212-223.	1.8	11
176	Phorbol Esters Inhibit Ethanol-Induced Calcium Mobilization and Polyphosphoinositide Turnover in Isolated Hepatocytes. Annals of the New York Academy of Sciences, 1987, 492, 245-247.	1.8	6
177	Ethanol-Induced Activation of Polyphosphoinositide Turnover in Rat Hepatocytes. Annals of the New York Academy of Sciences, 1987, 492, 248-249.	1.8	2
178	Elevation of Inositol 1,4,5-Trisphosphate Levels after Acute Ethanol Treatment of Rat Hepatocytes. Annals of the New York Academy of Sciences, 1987, 492, 250-255.	1.8	2
179	The Effect of Ethanol on Superoxide Production in Alveolar Macrophages. Annals of the New York Academy of Sciences, 1987, 492, 324-326.	1.8	4
180	Effect of ethanol on amylase secretion and cellular calcium homeostasis in pancreatic acini from normal and ethanol-fed rats. Biochemical Pharmacology, 1987, 36, 69-79.	2.0	47

#	ARTICLE	IF	CITATIONS
181	Ethanol does not stimulate guanine nucleotide-induced activation of phospholipase C in permeabilized hepatocytes. Archives of Biochemistry and Biophysics, 1987, 256, 29-38.	1.4	23
182	The effect of inhibitors of glutamate transport on the pathway of glutamate oxidation in rat liver mitochondria. FEBS Letters, 1983, 152, 222-226.	1.3	2
183	Role of calcium in the hormonal regulation of liver metabolism. Biochimica Et Biophysica Acta - Reviews on Bioenergetics, 1981, 639, 243-295.	0.8	305
184	KINETICS AND MECHANISMS OF GLUTAMATE TRANSPORT ACROSS THE MITOCHONDRIAL MEMBRANE. Annals of the New York Academy of Sciences, 1980, 341, 593-608.	1.8	13
185	Enzyme activities in flight and leg muscle of the dung beetle in relation to proline metabolism. Insect Biochemistry, 1979, 9, 461-466.	1.8	22
186	Glutamate transport and the trans-membrane pH gradient in isolated rat-liver mitochondria. FEBS Letters, 1976, 71, 341-346.	1.3	23
187	2 Nicotinamide Nucleotide Transhydrogenases. The Enzymes, 1976, 13, 51-88.	0.7	51
188	Comparative studies on nicotinamide nucleotide transhydrogenase from different sources. Biochimica Et Biophysica Acta - Bioenergetics, 1974, 333, 237-245.	0.5	25
189	Selective solubilization of nicotinamide nucleotide transhydrogenase from the mitochondrial inner membrane. Biochemical and Biophysical Research Communications, 1974, 60, 448-455.	1.0	20
190	Ca ²⁺ -dependent allosteric regulation of nicotinamide nucleotide transhydrogenase from Pseudomonasaeruginosa. Biochemical and Biophysical Research Communications, 1973, 52, 421-429.	1.0	19