

Javier González-Gallego

List of Publications by Year in descending order

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Version: 2024-02-01

294
papers

15,685
citations

13865

67
h-index

22832

112
g-index

307
all docs

307
docs citations

307
times ranked

21681
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	1,430
2	A review of the molecular aspects of melatonin's anti-inflammatory actions: recent insights and new perspectives. <i>Journal of Pineal Research</i> , 2013, 54, 1-14.	7.4	511
3	The anti-inflammatory flavones quercetin and kaempferol cause inhibition of inducible nitric oxide synthase, cyclooxygenase-2 and reactive C-protein, and down-regulation of the nuclear factor kappaB pathway in Chang Liver cells. <i>European Journal of Pharmacology</i> , 2007, 557, 221-229.	3.5	432
4	Melatonin and endoplasmic reticulum stress: relation to autophagy and apoptosis. <i>Journal of Pineal Research</i> , 2015, 59, 292-307.	7.4	384
5	Protective effect of quercetin on high-fat diet-induced non-alcoholic fatty liver disease in mice is mediated by modulating intestinal microbiota imbalance and related gut-liver axis activation. <i>Free Radical Biology and Medicine</i> , 2017, 102, 188-202.	2.9	374
6	Hepatic fatty acid translocase CD36 upregulation is associated with insulin resistance, hyperinsulinaemia and increased steatosis in non-alcoholic steatohepatitis and chronic hepatitis C. <i>Gut</i> , 2011, 60, 1394-1402.	12.1	341
7	Fruit polyphenols, immunity and inflammation. <i>British Journal of Nutrition</i> , 2010, 104, S15-S27.	2.3	328
8	Quercetin Decreases Oxidative Stress, NF- κ B Activation, and iNOS Overexpression in Liver of Streptozotocin-Induced Diabetic Rats. <i>Journal of Nutrition</i> , 2005, 135, 2299-2304.	2.9	266
9	Effects of low-level laser therapy (LLLT) on the nuclear factor (NF)- κ B signaling pathway in traumatized muscle. <i>Lasers in Surgery and Medicine</i> , 2006, 38, 704-713.	2.1	221
10	Sorafenib resistance in hepatocarcinoma: role of hypoxia-inducible factors. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-9.	7.7	216
11	Manganese Superoxide Dismutase and Oxidative Stress Modulation. <i>Advances in Clinical Chemistry</i> , 2015, 68, 87-130.	3.7	212
12	Inhibition of VEGF expression through blockade of Hif1 α and STAT3 signalling mediates the anti-angiogenic effect of melatonin in HepG2 liver cancer cells. <i>British Journal of Cancer</i> , 2013, 109, 83-91.	6.4	206
13	Melatonin induces cell cycle arrest and apoptosis in hepatocarcinoma HepG2 cell line. <i>Journal of Pineal Research</i> , 2008, 45, 532-540.	7.4	189
14	Potential of Flavonoids as Anti-inflammatory Agents: Modulation of Pro- Inflammatory Gene Expression and Signal Transduction Pathways. <i>Current Drug Metabolism</i> , 2009, 10, 256-271.	1.2	182
15	An overview of animal models for investigating the pathogenesis and therapeutic strategies in acute hepatic failure. <i>World Journal of Gastroenterology</i> , 2009, 15, 3086.	3.3	174
16	Whole-body vibration training increases muscle strength and mass in older women: a randomized-controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 200-207.	2.9	173
17	Role of organic anion-transporting polypeptides, OATP-A, OATP-C and OATP-8, in the human placenta-maternal liver tandem excretory pathway for foetal bilirubin. <i>Biochemical Journal</i> , 2003, 371, 897-905.	3.7	160
18	Low-level laser therapy (LLLT) prevents oxidative stress and reduces fibrosis in rat traumatized Achilles tendon. <i>Lasers in Surgery and Medicine</i> , 2005, 37, 293-300.	2.1	151

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19	A comparison of the effects of kaempferol and quercetin on cytokine-induced pro-inflammatory status of cultured human endothelial cells. <i>British Journal of Nutrition</i> , 2008, 100, 968-976.	2.3	150
20	Quercetin Treatment Ameliorates Inflammation and Fibrosis in Mice with Nonalcoholic Steatohepatitis ³ . <i>Journal of Nutrition</i> , 2012, 142, 1821-1828.	2.9	139
21	Antioxidant enzyme status in biliary obstructed rats: effects of N-acetylcysteine. <i>Journal of Hepatology</i> , 1997, 27, 363-370.	3.7	135
22	Skeletal muscle functional and structural adaptations after eccentric overload flywheel resistance training: a systematic review and meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 943-951.	1.3	131
23	The flavonoid quercetin ameliorates liver damage in rats with biliary obstruction. <i>Journal of Hepatology</i> , 2000, 33, 742-750.	3.7	130
24	Animal models of fulminant hepatic failure. <i>Digestive Diseases and Sciences</i> , 1991, 36, 770-774.	2.3	128
25	Quercetin Attenuates Nuclear Factor- κ B Activation and Nitric Oxide Production in Interleukin-1 β -Activated Rat Hepatocytes. <i>Journal of Nutrition</i> , 2005, 135, 1359-1365.	2.9	128
26	Enhanced expression of pro-inflammatory mediators and liver X-receptor-regulated lipogenic genes in non-alcoholic fatty liver disease and hepatitis C. <i>Clinical Science</i> , 2011, 120, 239-250.	4.3	118
27	Evaluation of the genotoxic effect of rutin and quercetin by comet assay and micronucleus test. <i>Food and Chemical Toxicology</i> , 2002, 40, 941-947.	3.6	117
28	Hepatitis C virus NS5A and core proteins induce oxidative stress-mediated calcium signalling alterations in hepatocytes. <i>Journal of Hepatology</i> , 2009, 50, 872-882.	3.7	114
29	Melatonin-induced increase in sensitivity of human hepatocellular carcinoma cells to sorafenib is associated with reactive oxygen species production and mitophagy. <i>Journal of Pineal Research</i> , 2016, 61, 396-407.	7.4	114
30	Effects of quercetin on liver damage in rats with carbon tetrachloride-induced cirrhosis. <i>Digestive Diseases and Sciences</i> , 2003, 48, 824-829.	2.3	110
31	Feelings of well being in elderly people: Relationship to physical activity and physical function. <i>Archives of Gerontology and Geriatrics</i> , 2009, 48, 306-312.	3.0	106
32	Exercise training modulates the gut microbiota profile and impairs inflammatory signaling pathways in obese children. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1048-1061.	7.7	104
33	Effects of glutamine on proinflammatory gene expression and activation of nuclear factor kappa B and signal transducers and activators of transcription in TNBS-induced colitis. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1504-1513.	1.9	103
34	The wide utility of rabbits as models of human diseases. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-10.	7.7	103
35	Differential effects of dietary flavonoids on reactive oxygen and nitrogen species generation and changes in antioxidant enzyme expression induced by proinflammatory cytokines in Chang Liver cells. <i>Food and Chemical Toxicology</i> , 2008, 46, 1555-1569.	3.6	102
36	Quercetin ameliorates dysregulation of lipid metabolism genes via the PI3K/AKT pathway in a diet-induced mouse model of nonalcoholic fatty liver disease. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 879-893.	3.3	102

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37	Role of Quercetin in Preventing Thioacetamide-Induced Liver Injury in Rats. <i>Toxicologic Pathology</i> , 2011, 39, 949-957.	1.8	99
38	Glutamine Treatment Attenuates Endoplasmic Reticulum Stress and Apoptosis in TNBS-Induced Colitis. <i>PLoS ONE</i> , 2012, 7, e50407.	2.5	99
39	Melatonin reduces cardiac inflammatory injury induced by acute exercise. <i>Journal of Pineal Research</i> , 2009, 47, 184-191.	7.4	98
40	Inhibition of matrix metalloproteinase-9 and nuclear factor kappa B contribute to melatonin prevention of motility and invasiveness in H ₂ G ₂ liver cancer cells. <i>Journal of Pineal Research</i> , 2014, 56, 20-30.	7.4	93
41	Beneficial effects of exercise on gut microbiota functionality and barrier integrity, and gut-liver axis crosstalk in an <i>in vivo</i> model of early obesity and NAFLD. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	93
42	Pectin feeding influences fecal bile acid excretion, hepatic bile acid and cholesterol synthesis and serum cholesterol in rats. <i>Journal of Nutrition</i> , 1996, 126, 1766-71.	2.9	93
43	Glutamine inhibits over-expression of pro-inflammatory genes and down-regulates the nuclear factor kappaB pathway in an experimental model of colitis in the rat. <i>Toxicology</i> , 2007, 236, 217-226.	4.2	91
44	Modulation of Autophagy by Sorafenib: Effects on Treatment Response. <i>Frontiers in Pharmacology</i> , 2016, 7, 151.	3.5	91
45	Melatonin inhibits autophagy and endoplasmic reticulum stress in mice with carbon tetrachloride-induced fibrosis. <i>Journal of Pineal Research</i> , 2015, 59, 151-162.	7.4	87
46	Role of Toll-like receptor 2 and 4 signaling pathways on the inflammatory response to resistance training in elderly subjects. <i>Age</i> , 2014, 36, 9734.	3.0	85
47	Mitochondrial Function and Mitophagy in the Elderly: Effects of Exercise. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	84
48	Serum bile acids in chronic hepatitis C patients responders and non-responders to antiviral therapy. <i>Journal of Hepatology</i> , 2000, 32, 182.	3.7	83
49	Effects of FK506 and rapamycin on generation of reactive oxygen species, nitric oxide production and nuclear factor kappa B activation in rat hepatocytes. <i>Biochemical Pharmacology</i> , 2003, 66, 439-445.	4.4	83
50	Quercetin prevents oxidative stress and NF- κ B activation in gastric mucosa of portal hypertensive rats. <i>Biochemical Pharmacology</i> , 2004, 68, 1939-1946.	4.4	83
51	Herbal and Dietary Supplement-Induced Liver Injuries in the Spanish DILI Registry. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1495-1502.	4.4	83
52	Ceramide metabolism regulates autophagy and apoptotic cell death induced by melatonin in liver cancer cells. <i>Journal of Pineal Research</i> , 2015, 59, 178-189.	7.4	82
53	Changes in oxidative stress markers and NF- κ B activation induced by sprint exercise. <i>Free Radical Research</i> , 2005, 39, 431-439.	3.3	78
54	The effects of an antioxidant-supplemented beverage on exercise-induced oxidative stress: results from a placebo-controlled double-blind study in cyclists. <i>European Journal of Applied Physiology</i> , 2005, 95, 543-549.	2.5	77

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55	Differential contribution of hepatitis C virus NS5A and core proteins to the induction of oxidative and nitrosative stress in human hepatocyte-derived cells. <i>Journal of Hepatology</i> , 2005, 43, 606-613.	3.7	77
56	Melatonin inhibits the expression of the inducible isoform of nitric oxide synthase and nuclear factor kappa B activation in rat skeletal muscle. <i>Journal of Pineal Research</i> , 2006, 41, 8-14.	7.4	77
57	Melatonin attenuates apoptotic liver damage in fulminant hepatic failure induced by the rabbit hemorrhagic disease virus. <i>Journal of Pineal Research</i> , 2011, 50, 38-45.	7.4	77
58	Melatonin modulation of intracellular signaling pathways in hepatocarcinoma HepG2 cell line: role of the MT1 receptor. <i>Journal of Pineal Research</i> , 2011, 51, 463-471.	7.4	77
59	Dietary glycine inhibits activation of nuclear factor kappa B and prevents liver injury in hemorrhagic shock in the rat. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1236-1244.	2.9	76
60	Melatonin prevents oxidative stress and changes in antioxidant enzyme expression and activity in the liver of aging rats. <i>Journal of Pineal Research</i> , 2007, 42, 222-230.	7.4	76
61	Improvements and problems in preparation of 3H-un-conjugated bilirubin (3H-UCB) by biosynthetic labeling from 3H-aminolevulinic acid (3H-ALA). <i>Journal of Hepatology</i> , 2000, 32, 208.	3.7	75
62	Effects of aging on the susceptibility to the toxic effects of cyclosporin A in rats. Changes in liver glutathione and antioxidant enzymes. <i>Free Radical Biology and Medicine</i> , 2001, 30, 836-845.	2.9	73
63	Sulforaphane treatment protects skeletal muscle against damage induced by exhaustive exercise in rats. <i>Journal of Applied Physiology</i> , 2009, 107, 1028-1036.	2.5	73
64	The human liver fatty acid binding protein (FABP1) gene is activated by FOXA1 and PPAR α ; and repressed by C/EBP β : Implications in FABP1 down-regulation in nonalcoholic fatty liver disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 803-818.	2.4	73
65	Impact of resistance training on the autophagy-inflammation-apoptosis crosstalk in elderly subjects. <i>Aging</i> , 2017, 9, 408-418.	3.1	73
66	N-acetyl-cysteine protects liver from apoptotic death in an animal model of fulminant hepatic failure. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1945-1957.	4.9	72
67	Comprehensive analysis and insights gained from long-term experience of the Spanish DILI Registry. <i>Journal of Hepatology</i> , 2021, 75, 86-97.	3.7	72
68	Swimming Training Induces Liver Mitochondrial Adaptations to Oxidative Stress in Rats Submitted to Repeated Exhaustive Swimming Bouts. <i>PLoS ONE</i> , 2013, 8, e55668.	2.5	72
69	Endoplasmic Reticulum Unfolded Protein Response, Aging and Exercise: An Update. <i>Frontiers in Physiology</i> , 2018, 9, 1744.	2.8	71
70	Functional Interactions between Gut Microbiota Transplantation, Quercetin, and High-Fat Diet Determine Non-Alcoholic Fatty Liver Disease Development in Germ-Free Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800930.	3.3	71
71	The MnSOD Ala16Val SNP: Relevance to human diseases and interaction with environmental factors. <i>Free Radical Research</i> , 2013, 47, 781-792.	3.3	70
72	Melatonin prevents the decreased activity of antioxidant enzymes and activates nuclear erythroid 2-related factor 2 signaling in an animal model of fulminant hepatic failure of viral origin. <i>Journal of Pineal Research</i> , 2010, 49, no-no.	7.4	68

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73	Intestinal Microbiota Modulation in Obesity-Related Non-alcoholic Fatty Liver Disease. <i>Frontiers in Physiology</i> , 2018, 9, 1813.	2.8	68
74	Melatonin attenuates inflammation and promotes regeneration in rabbits with fulminant hepatitis of viral origin. <i>Journal of Pineal Research</i> , 2012, 53, 270-278.	7.4	67
75	Melatonin Activates Endoplasmic Reticulum Stress and Apoptosis in Rats with Diethylnitrosamine-Induced Hepatocarcinogenesis. <i>PLoS ONE</i> , 2015, 10, e0144517.	2.5	67
76	Quercetin Administration Ameliorates Pulmonary Complications of Cirrhosis in Rats. <i>Journal of Nutrition</i> , 2009, 139, 1339-1346.	2.9	66
77	Nitric oxide regulates the repair of injured skeletal muscle. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 24, 43-49.	2.7	66
78	FoxO Proteins: Regulation and Molecular Targets in Liver Cancer. <i>Current Medicinal Chemistry</i> , 2014, 21, 1231-1246.	2.4	66
79	TNP-470 inhibits oxidative stress, nitric oxide production and nuclear factor kappa B activation in a rat model of hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2003, 38, 98-99.	3.7	65
80	Melatonin enhances sorafenib actions in human hepatocarcinoma cells by inhibiting mTORC1/p70S6K/HIF-1 α and hypoxia-mediated mitophagy. <i>Oncotarget</i> , 2017, 8, 91402-91414.	1.8	65
81	Melatonin Is Able to Reduce the Apoptotic Liver Changes Induced by Aging Via Inhibition of the Intrinsic Pathway of Apoptosis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 687-695.	3.6	62
82	Melatonin induces transcriptional regulation of Bim by FoxO3a in HepG2 cells. <i>British Journal of Cancer</i> , 2013, 108, 442-449.	6.4	61
83	Melatonin treatment reduces endoplasmic reticulum stress and modulates the unfolded protein response in rabbits with lethal fulminant hepatitis of viral origin. <i>Journal of Pineal Research</i> , 2013, 55, 221-228.	7.4	59
84	Melatonin modulates dysregulated circadian clocks in mice with diethylnitrosamine-induced hepatocellular carcinoma. <i>Journal of Pineal Research</i> , 2018, 65, e12506.	7.4	59
85	Sweat Lactate, Ammonia, and Urea in Rugby Players. <i>International Journal of Sports Medicine</i> , 2005, 26, 632-637.	1.7	58
86	Acute Brain Damage Induced by Acetaminophen in Mice: Effect of Diphenyl Diselenide on Oxidative Stress and Mitochondrial Dysfunction. <i>Neurotoxicity Research</i> , 2012, 21, 334-344.	2.7	57
87	Effects of eccentric exercise on toll-like receptor 4 signaling pathway in peripheral blood mononuclear cells. <i>Journal of Applied Physiology</i> , 2012, 112, 2011-2018.	2.5	56
88	Rabbit hemorrhagic viral disease: Characterization of a new animal model of fulminant liver failure. <i>Translational Research</i> , 2003, 141, 272-278.	2.3	55
89	Effects of Eccentric Exercise on NF- κ B Activation in Blood Mononuclear Cells. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 653-664.	0.4	55
90	Creatine and the Liver: Metabolism and Possible Interactions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 12-18.	2.4	54

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91	Eccentric training impairs NF- κ B activation and over-expression of inflammation-related genes induced by acute eccentric exercise in the elderly. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 313-321.	4.6	53
92	Effects of Resistance Training in Multiple Sclerosis. <i>International Journal of Sports Medicine</i> , 2009, 30, 245-250.	1.7	52
93	Oxidative stress and inflammation: liver responses and adaptations to acute and regular exercise. <i>Free Radical Research</i> , 2017, 51, 222-236.	3.3	52
94	Anti-tumoral activity of single and combined regorafenib treatments in preclinical models of liver and gastrointestinal cancers. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-15.	7.7	52
95	Liver X receptor \pm -mediated regulation of lipogenesis by core and NS5A proteins contributes to HCV-induced liver steatosis and HCV replication. <i>Laboratory Investigation</i> , 2012, 92, 1191-1202.	3.7	50
96	Modulation of PI3K-LXR \pm -dependent lipogenesis mediated by oxidative/nitrosative stress contributes to inhibition of HCV replication by quercetin. <i>Laboratory Investigation</i> , 2014, 94, 262-274.	3.7	49
97	Melatonin modulates the autophagic response in acute liver failure induced by the rabbit hemorrhagic disease virus. <i>Journal of Pineal Research</i> , 2014, 56, 313-321.	7.4	49
98	Protective Effect of Protocatechuic Acid on TNBS-Induced Colitis in Mice Is Associated with Modulation of the SphK/S1P Signaling Pathway. <i>Nutrients</i> , 2017, 9, 288.	4.1	49
99	Liver blood flow changes during laparoscopic surgery in pigs. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999, 13, 668-672.	2.4	48
100	Effects of strength and endurance training on antioxidant enzyme gene expression and activity in middle-aged men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2007, 17, 595-604.	2.9	48
101	Effects of aerobic training on markers of autophagy in the elderly. <i>Age</i> , 2016, 38, 33.	3.0	48
102	The Synbiotic Combination of Akkermansia muciniphila and Quercetin Ameliorates Early Obesity and NAFLD through Gut Microbiota Reshaping and Bile Acid Metabolism Modulation. <i>Antioxidants</i> , 2021, 10, 2001.	5.1	47
103	Microsomal function in biliary obstructed rats: effects of S-adenosylmethionine. <i>Journal of Hepatology</i> , 1996, 24, 353-359.	3.7	46
104	Antitumor Effects of Quercetin in Hepatocarcinoma In Vitro and In Vivo Models: A Systematic Review. <i>Nutrients</i> , 2019, 11, 2875.	4.1	46
105	Oxidative stress and changes in liver antioxidant enzymes induced by experimental dicroceliosis in hamsters. <i>Parasitology Research</i> , 1999, 85, 468-474.	1.6	45
106	Inhibition of the SphK1/S1P signaling pathway by melatonin in mice with liver fibrosis and human hepatic stellate cells. <i>BioFactors</i> , 2017, 43, 272-282.	5.4	45
107	Molecular characterization of autophagic and apoptotic signaling induced by sorafenib in liver cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 692-708.	4.1	45
108	Evidence for Carrier-mediated Transport of Unconjugated Bilirubin Across Plasma Membrane Vesicles from Human Placental Trophoblast. <i>Placenta</i> , 2002, 23, 527-535.	1.5	44

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109	New Therapeutic Approach: Diphenyl Diselenide Reduces Mitochondrial Dysfunction in Acetaminophen-Induced Acute Liver Failure. <i>PLoS ONE</i> , 2013, 8, e81961.	2.5	44
110	Hypoxia-inducible factor-1 modulates the expression of vascular endothelial growth factor and endothelial nitric oxide synthase induced by eccentric exercise. <i>Journal of Applied Physiology</i> , 2015, 118, 1075-1083.	2.5	44
111	Changes in the expression of melatonin receptors induced by melatonin treatment in hepatocarcinoma HepG2 cells. <i>Journal of Pineal Research</i> , 2009, 47, 330-338.	7.4	43
112	Effects of exercise on exosome release and cargo in in vivo and ex vivo models: A systematic review. <i>Journal of Cellular Physiology</i> , 2021, 236, 3336-3353.	4.1	43
113	Urinary Levels of 8-Hydroxydeoxyguanosine as a Marker of Oxidative Damage in Road Cycling. <i>Free Radical Research</i> , 2002, 36, 247-253.	3.3	42
114	Halothane induces oxidative stress and NF- κ B activation in rat liver: Protective effect of propofol. <i>Toxicology</i> , 2006, 227, 53-61.	4.2	41
115	Melatonin limits the expression of profibrogenic genes and ameliorates the progression of hepatic fibrosis in mice. <i>Translational Research</i> , 2015, 165, 346-357.	5.0	41
116	Whole-body vibration improves the anti-inflammatory status in elderly subjects through toll-like receptor 2 and 4 signaling pathways. <i>Mechanisms of Ageing and Development</i> , 2015, 150, 12-19.	4.6	41
117	An altered fecal microbiota profile in patients with non-alcoholic fatty liver disease (NAFLD) associated with obesity. <i>Revista Espanola De Enfermedades Digestivas</i> , 2019, 111, 275-282.	0.3	41
118	Flavonoids and Related Compounds in Non-Alcoholic Fatty Liver Disease Therapy. <i>Current Medicinal Chemistry</i> , 2015, 22, 2991-3012.	2.4	41
119	Caspase Inhibition Does Not Protect Against Liver Damage in Hemorrhagic Shock. <i>Shock</i> , 2003, 19, 33-37.	2.1	40
120	AR α 2 Inhibits Multiple Chaperones Concomitant With Stimulating Autophagosome Formation Collectively Preventing Virus Replication. <i>Journal of Cellular Physiology</i> , 2016, 231, 2286-2302.	4.1	38
121	Eccentric exercise induces nitric oxide synthase expression through nuclear factor- κ B modulation in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2010, 108, 575-583.	2.5	37
122	Diagnostic imaging in sheep hepatic fascioliasis: ultrasound, computer tomography and magnetic resonance findings. <i>Parasitology Research</i> , 2003, 90, 359-364.	1.6	36
123	Suppression of Amphiregulin/Epidermal Growth Factor Receptor Signals Contributes to the Protective Effects of Quercetin in Cirrhotic Rats. <i>Journal of Nutrition</i> , 2011, 141, 1299-1305.	2.9	35
124	Signaling pathways involved in liver injury and regeneration in rabbit hemorrhagic disease, an animal model of virally-induced fulminant hepatic failure. <i>Veterinary Research</i> , 2010, 41, 02.	3.0	35
125	CHOLESTASIS AND ALTERATIONS OF GLUTATHIONE METABOLISM INDUCED BY TACROLIMUS (FK506) IN THE RAT1. <i>Transplantation</i> , 1998, 66, 84-88.	1.0	35
126	Effects of parenteral nutrition supplemented with glutamine or glutamine dipeptides on liver antioxidant and detoxication systems in rats. <i>Nutrition</i> , 2000, 16, 125-128.	2.4	34

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127	Melatonin prevents deregulation of the sphingosine kinase/sphingosine 1-phosphate signaling pathway in a mouse model of diethylnitrosamine-induced hepatocellular carcinoma. <i>Journal of Pineal Research</i> , 2017, 62, e12369.	7.4	33
128	The Effects of Movement Velocity During Squatting on Energy Expenditure and Substrate Utilization in Whole-Body Vibration. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 594.	2.1	33
129	Glutamine Prevents Fibrosis Development in Rats with Colitis Induced by 2,4,6-Trinitrobenzene Sulfonic Acid. <i>Journal of Nutrition</i> , 2010, 140, 1065-1071.	2.9	32
130	Cardiotrophin-1 Promotes a High Survival Rate in Rabbits with Lethal Fulminant Hepatitis of Viral Origin. <i>Journal of Virology</i> , 2011, 85, 13124-13132.	3.4	32
131	A Network Involving Gut Microbiota, Circulating Bile Acids, and Hepatic Metabolism Genes That Protects Against Non-Alcoholic Fatty Liver Disease. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900487.	3.3	32
132	Usefulness of combined measurement of serum bile acids and ferritin as additional prognostic markers to predict failure to reach sustained response to antiviral treatment in chronic hepatitis C. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2005, 20, 547-554.	2.8	31
133	Monitorización de los efectos de cambios en la carga de entrenamiento sobre el estrés y la recuperación en nadadores. <i>Journal of Physiology and Biochemistry</i> , 2008, 64, 19-26.	3.0	31
134	Signs of Overload After an Intensified Training. <i>International Journal of Sports Medicine</i> , 2011, 32, 338-343.	1.7	31
135	Changes in the fibrinolytic system associated with physical conditioning. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 65, 388-393.	1.2	30
136	Monitoring biological and psychological measures throughout an entire season in male handball players. <i>European Journal of Sport Science</i> , 2010, 10, 377-384.	2.7	30
137	The role of nitric oxide during healing of trauma to the skeletal muscle. <i>Inflammation Research</i> , 2011, 60, 347-356.	4.0	30
138	Diclofenac pretreatment effects on the toll-like receptor 4/nuclear factor kappa B-mediated inflammatory response to eccentric exercise in rat liver. <i>Life Sciences</i> , 2016, 148, 247-253.	4.3	30
139	Methionine Aminopeptidases as Potential Targets for Treatment of Gastrointestinal Cancers and other Tumors. <i>Current Drug Targets</i> , 2010, 11, 1439-1457.	2.1	30
140	Effects of long-distance running on serum bilirubin. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 1590-1594.	0.4	29
141	Plasma aspartate aminotransferase (AST), glutamate dehydrogenase (GLDH) and gamma-glutamyl transpeptidase (GGT) activities in water buffaloes with experimental subclinical fasciolosis. <i>Veterinary Parasitology</i> , 1998, 78, 129-136.	1.8	29
142	Melatonin inhibits the sphingosine kinase 1/sphingosine 1-phosphate signaling pathway in rabbits with fulminant hepatitis of viral origin. <i>Journal of Pineal Research</i> , 2016, 61, 168-176.	7.4	29
143	Previous physical exercise alters the hepatic profile of oxidative-inflammatory status and limits the secondary brain damage induced by severe traumatic brain injury in rats. <i>Journal of Physiology</i> , 2017, 595, 6023-6044.	2.9	29
144	Sphingosine 1-Phosphate Signaling as a Target in Hepatic Fibrosis Therapy. <i>Frontiers in Pharmacology</i> , 2017, 8, 579.	3.5	29

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291	The Impact of Physical Activity on Risk and Health-Related Quality of Life in Bladder Cancer. <i>Bladder Cancer</i> , 2021, 7, 355-364.	0.4	0
292	Reduction of fibrosis by inhibition of nitric oxide synthase is not associated to prevention of oxidative stress in rats with bile duct ligation. <i>Journal of Hepatology</i> , 2001, 34, 53.	3.7	0
293	Physical Exercise and Urea Levels in Plasma, Sweat and Urine. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S30-S31.	0.4	0
294	Effects of experimental subclinical fasciolosis on the feeding behaviour of sheep. <i>Journal of Animal and Feed Sciences</i> , 1996, 5, 135-145.	1.1	0