Mariapia Vairetti

List of Publications by Year
in descending order

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100 papers	2,271 citations	218381 26 h-index	276539 41 g-index
100 all docs	100 docs citations	100 times ranked	2594 citing authors

#	Article	IF	Citations
1	Detailed Molecular Mechanisms Involved in Drug-Induced Non-Alcoholic Fatty Liver Disease and Non-Alcoholic Steatohepatitis: An Update. Biomedicines, 2022, 10, 194.	1.4	9
2	Analysis of Massaciuccoli Peat after Maturation in Sodium Chloride Water of Undulna Thermae. International Journal of Environmental Research and Public Health, 2022, 19, 2169.	1.2	0
3	Obeticholic Acid Reduces Kidney Matrix Metalloproteinase Activation Following Partial Hepatic Ischemia/Reperfusion Injury in Rats. Pharmaceuticals, 2022, 15, 524.	1.7	1
4	MCD Diet Rat Model Induces Alterations in Zinc and Iron during NAFLD Progression from Steatosis to Steatohepatitis. International Journal of Molecular Sciences, 2022, 23, 6817.	1.8	8
5	Innovative Molecular Target and Therapeutic Approaches in Nonalcoholic Fatty Liver Disease/Nonalcoholic Steatohepatitis (NAFLD/NASH) 2.0. International Journal of Molecular Sciences, 2022, 23, 7894.	1.8	1
6	Changes in Glutathione Content in Liver Diseases: An Update. Antioxidants, 2021, 10, 364.	2.2	95
7	Fluorescence excitation properties of bilirubin in solution and in serum. Journal of Photochemistry and Photobiology B: Biology, 2021, 215, 112121.	1.7	4
8	Metabotropic Glutamate Receptor Blockade Reduces Preservation Damage in Livers from Donors after Cardiac Death. International Journal of Molecular Sciences, 2021, 22, 2234.	1.8	3
9	Long-term cold storage preservation does not affect fatty livers from rats fed with a methionine and choline deficient diet. Lipids in Health and Disease, 2021, 20, 78.	1.2	2
10	The selective blockade of metabotropic glutamate receptor-5 attenuates fat accumulation in an in vitro model of benign steatosis. European Journal of Histochemistry, 2020, 64, .	0.6	9
11	Obeticholic acid reduces biliary and hepatic matrix metalloproteinases activity in rat hepatic ischemia/reperfusion injury. PLoS ONE, 2020, 15, e0238543.	1.1	9
12	Nonalcoholic Fatty Liver Disease and Non-Alcoholic Steatohepatitis: Current Issues and Future Perspectives in Preclinical and Clinical Research. International Journal of Molecular Sciences, 2020, 21, 9646.	1.8	40
13	Transient Expression of Reck Under Hepatic Ischemia/Reperfusion Conditions Is Associated with Mapk Signaling Pathways. Biomolecules, 2020, 10, 747.	1.8	9
14	Spectrofluorometric Analysis of Autofluorescing Components of Crude Serum from a Rat Liver Model of Ischemia and Reperfusion. Molecules, 2020, 25, 1327.	1.7	7
15	Isolation of rat hepatocytes for pharmacological studies on metabotropic glutamate receptor (mGluR) subtype 5: a comparison between collagenase I versus collagenase IV. European Journal of Histochemistry, 2020, 64, .	0.6	0
16	Efficacy of combined liman peloid baths and heliotherapy in the treatment of psoriasis at Cervia spa, Emilia, Italy. International Journal of Biometeorology, 2020, 64, 1145-1152.	1.3	5
17	Associations between serum trace elements and inflammation in two animal models of nonalcoholic fatty liver disease. PLoS ONE, 2020, 15, e0243179.	1.1	6
18	Molecular Targets in Liver Disease. , 2020, , 587-598.		0

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19	Comparison between Lipofectamine RNAiMAX and GenMute transfection agents in two cellular models of human hepatoma. European Journal of Histochemistry, 2019, 63, .	0.6	16
20	Fatty Acid Desaturase Involvement in Non-Alcoholic Fatty Liver Disease Rat Models: Oxidative Stress Versus Metalloproteinases. Nutrients, 2019, 11, 799.	1.7	17
21	Animal Models of Steatosis (NAFLD) and Steatohepatitis (NASH) Exhibit Hepatic Lobe-Specific Gelatinases Activity and Oxidative Stress. Canadian Journal of Gastroenterology and Hepatology, 2019, 2019, 1-9.	0.8	17
22	Autofluorescenceâ€based optical biopsy: An effective diagnostic tool in hepatology. Liver International, 2018, 38, 1160-1174.	1.9	45
23	Serum and Hepatic Autofluorescence as a Real-Time Diagnostic Tool for Early Cholestasis Assessment. International Journal of Molecular Sciences, 2018, 19, 2634.	1.8	4
24	Liver Graft Susceptibility during Static Cold Storage and Dynamic Machine Perfusion: DCD versus Fatty Livers. International Journal of Molecular Sciences, 2018, 19, 109.	1.8	13
25	Selective Blockade of the Metabotropic Glutamate Receptor mGluR5 Protects Mouse Livers in In Vitro and Ex Vivo Models of Ischemia Reperfusion Injury. International Journal of Molecular Sciences, 2018, 19, 314.	1.8	15
26	The farnesoid X receptor agonist obeticholic acid upregulates biliary excretion of asymmetric dimethylarginine via MATE-1 during hepatic ischemia/reperfusion injury. PLoS ONE, 2018, 13, e0191430.	1.1	11
27	Representing Subnormothermic Machine Perfusion in Fatty Livers: The Complete Picture?. American Journal of Transplantation, 2017, 17, 1421-1422.	2.6	1
28	Fluorescing fatty acids in rat fatty liver models. Journal of Biophotonics, 2017, 10, 905-910.	1.1	11
29	<scp>NAD</scp>(P)H and Flavin Autofluorescence Correlation with <scp>ATP</scp> in Rat Livers with Different Metabolic Steadyâ€State Conditions. Photochemistry and Photobiology, 2017, 93, 1519-1524.	1.3	4
30	Proteotoxicity in cardiac amyloidosis: amyloidogenic light chains affect the levels of intracellular proteins in human heart cells. Scientific Reports, 2017, 7, 15661.	1.6	63
31	Fatty liver oxidative events monitored by autofluorescence optical diagnosis: Comparison between subnormothermic machine perfusion and conventional cold storage preservation. Hepatology Research, 2017, 47, 668-682.	1.8	17
32	Oxygen tension-independent protection against hypoxic cell killing in rat liver by low sodium. European Journal of Histochemistry, 2017, 61, 2798.	0.6	9
33	Machine Perfusion at 20Â°C Prevents Ischemic Injury and Reduces Hypoxia-Inducible Factor-1Î± Expression During Rat Liver Preservation. Annals of Transplantation, 2017, 22, 581-589.	0.5	10
34	Localization and role of metabotropic glutamate receptors subtype 5 in the gastrointestinal tract. World Journal of Gastroenterology, 2017, 23, 4500.	1.4	21
35	In SituEvaluation of Oxidative Stress in Rat Fatty Liver Induced by a Methionine- and Choline-Deficient Diet. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	25
36	MCD diet-induced steatohepatitis is associated with alterations in asymmetric dimethylarginine (ADMA) and its transporters. Molecular and Cellular Biochemistry, 2016, 419, 147-155.	1.4	9

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37	Changes in Biliary Levels of Arginine and its Methylated Derivatives after Hepatic Ischaemia/Reperfusion. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 101-109.	1.2	6
38	Effects of a Bioavailable Arabinoxylan-enriched White Bread Flour on Postprandial Glucose Response in Normoglycemic Subjects. Journal of Dietary Supplements, 2016, 13, 626-633.	1.4	17
39	Autofluorescence discrimination of metabolic fingerprint in nutritional and genetic fatty liver models. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 13-20.	1.7	13
40	Innovative Pharmacological/Therapeutic Approaches against Hepatic Ischemia/Reperfusion Injury. BioMed Research International, 2015, 2015, 1-2.	0.9	0
41	Metabolic shift in liver: Correlation between perfusion temperature and hypoxia inducible factor-1Î±. World Journal of Gastroenterology, 2015, 21, 1108.	1.4	13
42	Evaluation of ADMA-DDAH-NOS axis in specific brain areas following nitroglycerin administration: study in an animal model of migraine. Journal of Headache and Pain, 2015, 16, 560.	2.5	31
43	Selective blockade of <scp>mG</scp>lu5 metabotropic glutamate receptors is protective against hepatic mitochondrial dysfunction in 6â€<scp>OHDA</scp> lesioned Parkinsonian rats. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 695-703.	0.9	23
44	Novel mitochondrial protein interactors of immunoglobulin light chains causing heart amyloidosis. FASEB Journal, 2015, 29, 4614-4628.	0.2	60
45	Liver plays a central role in asymmetric dimethylarginine-mediated organ injury. World Journal of Gastroenterology, 2015, 21, 5131.	1.4	26
46	Role of matrix metalloproteinases in cholestasis and hepatic ischemia/reperfusion injury: A review. World Journal of Gastroenterology, 2015, 21, 12114.	1.4	24
47	Lung Matrix Metalloproteinase Activation following Partial Hepatic Ischemia/Reperfusion Injury in Rats. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	11
48	Dipeptidylpeptidase-IV activity and expression reveal decreased damage to the intrahepatic biliary tree in fatty livers submitted to subnormothermic machine-perfusion respect to conventional cold storage. European Journal of Histochemistry, 2014, 58, 2414.	0.6	9
49	Lobe-Specific Heterogeneity in Asymmetric Dimethylarginine and Matrix Metalloproteinase Levels in a Rat Model of Obstructive Cholestasis. BioMed Research International, 2014, 2014, 1-8.	0.9	16
50	Changes in ADMA/DDAH Pathway after Hepatic Ischemia/Reperfusion Injury in Rats: The Role of Bile. BioMed Research International, 2014, 2014, 1-11.	0.9	13
51	Integrated Autofluorescence Characterization of a Modified-Diet Liver Model with Accumulation of Lipids and Oxidative Stress. BioMed Research International, 2014, 2014, 1-13.	0.9	18
52	Bilirubin: an autofluorescence bile biomarker for liver functionality monitoring. Journal of Biophotonics, 2014, 7, 810-817.	1.1	26
53	Autofluorescence of liver tissue and bile: Organ functionality monitoring during ischemia and reoxygenation. Lasers in Surgery and Medicine, 2014, 46, 412-421.	1.1	18
54	Effects of CGRP receptor antagonism in nitroglycerin-induced hyperalgesia. Cephalalgia, 2014, 34, 594-604.	1.8	64

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55	Troubleshooting and improving the mouse and rat isolated perfused liver preparation. Journal of Pharmacological and Toxicological Methods, 2013, 67, 107-114.	0.3	28
56	Lobe-Specific Heterogeneity and Matrix Metalloproteinase Activation after Ischemia/Reperfusion Injury in Rat Livers. Toxicologic Pathology, 2012, 40, 722-730.	0.9	27
57	Subnormothermic Machine Perfusion for Nonâ€“Heart-Beating Donor Liver Grafts Preservation in a Swine Model: A New Strategy to Increase the Donor Pool?. Transplantation Proceedings, 2012, 44, 2026-2028.	0.3	42
58	Impaired hepatic function and central dopaminergic denervation in a rodent model of Parkinson's disease: A self-perpetuating crosstalk?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 176-184.	1.8	24
59	Machine perfusion at 20Â°C reduces preservation damage to livers from non-heart beating donors. Cryobiology, 2011, 62, 152-158.	0.3	42
60	Altered alkaline phosphatase activity in obese Zucker rats liver respect to lean Zucker and Wistar rats discussed in terms of all putative roles ascribed to the enzyme. European Journal of Histochemistry, 2011, 55, 5.	0.6	8
61	Decreased apoptosis in fatty livers submitted to subnormothermic machine-perfusion respect to cold storage. European Journal of Histochemistry, 2011, 55, e40.	0.6	28
62	Dexamethasone protects cultured rat hepatocytes against cadmium toxicity: involvement of cellular thiols. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 445-449.	0.7	9
63	Subnormothermic machine perfusion protects steatotic livers against preservation injury: A potential for donor pool increase?. Liver Transplantation, 2009, 15, 20-29.	1.3	101
64	Different susceptibility of liver grafts from lean and obese Zucker rats to preservation injury. Cryobiology, 2009, 59, 327-334.	0.3	22
65	Correlation between the liver temperature employed during machine perfusion and reperfusion damage: Role of Ca2+. Liver Transplantation, 2008, 14, 494-503.	1.3	38
66	Liver autofluorescence properties in animal model under altered nutritional conditions. Photochemical and Photobiological Sciences, 2008, 7, 1046.	1.6	17
67	Further studies on long-term preservation of rat liver: Celsior versus UW solution. In Vivo, 2008, 22, 681-6.	0.6	1
68	Thyroid hormone therapy in organ donors. Cmaj, 2007, 176, 1737-1737.	0.9	0
69	Liver Damage During Ischemia/Reperfusion and Glutathione: Implications for Potential Organ Donors. Transplantation Proceedings, 2007, 39, 1768-1770.	0.3	13
70	Subnormothermic Machine Perfusion Protects Against Rat Liver Preservation Injury: A Comparative Evaluation With Conventional Cold Storage. Transplantation Proceedings, 2007, 39, 1765-1767.	0.3	32
71	Matrix Metalloprotease Activity Is Enhanced in the Compensated but Not in the Decompensated Phase of Pressure Overload Hypertrophy. American Journal of Hypertension, 2007, 20, 663-669.	1.0	24
72	Autofluorescence properties of rat liver under hypermetabolic conditions. Photochemical and Photobiological Sciences, 2007, 6, 1202-1209.	1.6	19

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73	Role of pH in protection by low sodium against hypoxic injury in isolated perfused rat livers. Journal of Hepatology, 2006, 44, 894-901.	1.8	21
74	Insulin Secretion Is Controlled by mGlu5 Metabotropic Glutamate Receptors. Molecular Pharmacology, 2006, 69, 1234-1241.	1.0	54
75	In situ demonstration of improvement of liver mitochondria function by melatonin after cold ischemia. In Vivo, 2006, 20, 229-37.	0.6	21
76	Exogenous melatonin enhances bile flow and ATP levels after cold storage and reperfusion in rat liver: implications for liver transplantation. Journal of Pineal Research, 2005, 38, 223-230.	3.4	52
77	Autofluorescence spectroscopy of rat liver during experimental transplantation procedure. An approach for hepatic metabolism assessment. Photochemical and Photobiological Sciences, 2005, 4, 583.	1.6	25
78	Apoptosis vs. necrosis: glutathione-mediated cell death during rewarming of rat hepatocytes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1740, 367-374.	1.8	33
79	Oxidative stress and pro-apoptotic conditions in a rodent model of Wilson's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1741, 325-330.	1.8	42
80	Glibenclamide Stimulates Fluid Secretion in Rodent Cholangiocytes Through a Cystic Fibrosis Transmembrane Conductance Regulator-Independent Mechanism. Gastroenterology, 2005, 129, 220-233.	0.6	24
81	Mouse hepatocytes lacking mGlu5 metabotropic glutamate receptors are less sensitive to hypoxic damage. European Journal of Pharmacology, 2004, 497, 25-27.	1.7	19
82	Nicergoline reverts haloperidol-induced loss of detoxifying-enzyme activity. European Journal of Pharmacology, 2004, 505, 121-125.	1.7	8
83	Autofluorescence properties of isolated rat hepatocytes under different metabolic conditions. Photochemical and Photobiological Sciences, 2004, 3, 920.	1.6	62
84	Selective blockade of mGlu5 metabotropic glutamate receptors is protective against acetaminophen hepatotoxicity in mice. Journal of Hepatology, 2003, 38, 179-187.	1.8	29
85	Beta-alanine protection against hypoxic liver injury in the rat. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1587, 83-91.	1.8	14
86	Antioxidant properties of MDL and MMDL, two nicergoline metabolites, during chronic administration of haloperidol. European Journal of Pharmacology, 2002, 453, 69-73.	1.7	6
87	In situ detection of reactive oxygen species and nitric oxide production in normal and pathological tissues: improvement by differential interference contrast. Experimental Gerontology, 2002, 37, 591-602.	1.2	13
88	Cold-induced apoptosis in isolated rat hepatocytes: protective role of glutathione. Free Radical Biology and Medicine, 2001, 31, 954-961.	1.3	59
89	Selective blockade of mGlu5 metabotropic glutamate receptors protects rat hepatocytes against hypoxic damage. Hepatology, 2000, 31, 649-655.	3.6	59
90	Haloperidol-induced changes in glutathione and energy metabolism: effect of nicergoline.. European Journal of Pharmacology, 1999, 367, 67-72.	1.7	19

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91	Mechanistic aspects of the relationship between low-level chemiluminescence and lipid peroxides in oxidation of low-density lipoprotein. FEBS Letters, 1999, 459, 47-50.	1.3	8
92	Circulating Antibodies Recognizing Oxidatively Modified Low-Density Lipoprotein in Children. Pediatric Research, 1999, 45, 94-99.	1.1	23
93	The Effects of Thyroid Hormone Modulation on Rat Liver Injury Associated with Ischemia-Reperfusion and Cold Storage. Anesthesia and Analgesia, 1998, 86, 1187-1193.	1.1	5
94	The Effects of Thyroid Hormone Modulation on Rat Liver Injury Associated with Ischemia-Reperfusion and Cold Storage. Anesthesia and Analgesia, 1998, 86, 1187-1193.	1.1	14
95	Endogenous and exogenous antioxidants and the generation of antigenic epitopes in oxidativelyâ€modified LDL. BioFactors, 1997, 6, 91-98.	2.6	4
96	Intranuclear distribution, function and fate of glutathione and glutathione-S-conjugate in living rat hepatocytes studied by fluorescence microscopy. , 1997, 36, 243-252.		49
97	The effect of heparin on Cu2+-mediated oxidation of human low-density lipoproteins. FEBS Letters, 1995, 377, 240-242.	1.3	9
98	Thyroxine pretreatment and halothane administration alter Ca2+ transport and transmembrane potential in rat liver mitochondria. Archives of Toxicology, 1994, 68, 103-109.	1.9	4
99	Calcium-dependent DNA fragmentation in human synovial cells exposed to cold shock. FEBS Letters, 1990, 259, 331-334.	1.3	71
100	Cytoskeletal alterations in human platelets exposed to oxidative stress are mediated by oxidative and Ca2+-dependent mechanisms. Archives of Biochemistry and Biophysics, 1989, 270, 478-488.	1.4	145