Cecilia Rodrigues

List of Publications by Citations

257 papers	18,140 citations	58 h-index	128 g-index
316 ext. papers	21,378 ext. citations	5.4 avg, IF	6.28 L-index

#	Paper	IF	Citations
257	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
256	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
255	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. *Cell Death and Differentiation*, **2015**, 22, 58-73	12.7	643
254	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. *Cell Death and Differentiation*, **2009**, 16, 1093-107	12.7	533
253	A novel role for ursodeoxycholic acid in inhibiting apoptosis by modulating mitochondrial membrane perturbation. *Journal of Clinical Investigation*, **1998**, 101, 2790-9	15.9	403
252	Hepatocyte apoptosis, expression of death receptors, and activation of NF-kappaB in the liver of nonalcoholic and alcoholic steatohepatitis patients. *American Journal of Gastroenterology*, **2004**, 99, 1708-17	9.7	297
251	Ursodeoxycholic Acid May Inhibit Deoxycholic Acid-Induced Apoptosis by Modulating Mitochondrial Transmembrane Potential and Reactive Oxygen Species Production. *Molecular Medicine*, **1998**, 4, 165-178	6.2	256
250	Human colon cancer profiles show differential microRNA expression depending on mismatch repair status and are characteristic of undifferentiated proliferative states. *BMC Cancer*, **2009**, 9, 401	4.8	253
249	miR-34a/SIRT1/p53 is suppressed by ursodeoxycholic acid in the rat liver and activated by disease severity in human non-alcoholic fatty liver disease. *Journal of Hepatology*, **2013**, 58, 119-25	13.4	240
248	Tauroursodeoxycholic acid, a bile acid, is neuroprotective in a transgenic animal model of Huntington's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10671-6	11.5	239
247	Delivering the promise of miRNA cancer therapeutics. *Drug Discovery Today*, **2013**, 18, 282-9	8.8	231
246	Ursodeoxycholic acid prevents cytochrome c release in apoptosis by inhibiting mitochondrial membrane depolarization and channel formation. *Cell Death and Differentiation*, **1999**, 6, 842-54	12.7	221
245	Bile acids: regulation of apoptosis by ursodeoxycholic acid. *Journal of Lipid Research*, **2009**, 50, 1721-34	6.3	206
244	Similar patterns of mitochondrial vulnerability and rescue induced by genetic modification of alpha-synuclein, parkin, and DJ-1 in Caenorhabditis elegans. *Journal of Biological Chemistry*, **2005**, 280, 42655-42668	5.4	206
243	MicroRNA-143 reduces viability and increases sensitivity to 5-fluorouracil in HCT116 human colorectal cancer cells. *FEBS Journal*, **2009**, 276, 6689-700	5.7	161
242	Bile acid concentrations in human and rat liver tissue and in hepatocyte nuclei. *Gastroenterology*, **1997**, 112, 226-35	13.3	156
241	miR-34a regulates mouse neural stem cell differentiation. *PLoS ONE*, **2011**, 6, e21396	3.7	154

240	Tauroursodeoxycholic acid reduces apoptosis and protects against neurological injury after acute hemorrhagic stroke in rats. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 6087-92	11.5	150
239	Bile acid levels are increased in the liver of patients with steatohepatitis. *European Journal of Gastroenterology and Hepatology*, **2008**, 20, 519-25	2.2	129
238	Bilirubin induces apoptosis via the mitochondrial pathway in developing rat brain neurons. *Hepatology*, **2002**, 35, 1186-95	11.2	124
237	Necroptosis is a key pathogenic event in human and experimental murine models of non-alcoholic steatohepatitis. *Clinical Science*, **2015**, 129, 721-39	6.5	116
236	Deficient Endoplasmic Reticulum-Mitochondrial Phosphatidylserine Transfer Causes Liver Disease. *Cell*, **2019**, 177, 881-895.e17	56.2	109
235	TUDCA, a bile acid, attenuates amyloid precursor protein processing and amyloid-□deposition in APP/PS1 mice. *Molecular Neurobiology*, **2012**, 45, 440-54	6.2	109
234	Neuroprotection by a bile acid in an acute stroke model in the rat. *Journal of Cerebral Blood Flow and Metabolism*, **2002**, 22, 463-71	7.3	105
233	Bilirubin-induced apoptosis in cultured rat neural cells is aggravated by chenodeoxycholic acid but prevented by ursodeoxycholic acid. *Journal of Hepatology*, **2001**, 34, 402-8	13.4	99
232	Bilirubin and Amyloid-□Peptide Induce Cytochrome c Release Through Mitochondrial Membrane Permeabilization. *Molecular Medicine*, **2000**, 6, 936-946	6.2	98
231	Tauroursodeoxycholic acid prevents amyloid-beta peptide-induced neuronal death via a phosphatidylinositol 3-kinase-dependent signaling pathway. *Molecular Medicine*, **2003**, 9, 226-34	6.2	95
230	Rat cultured neuronal and glial cells respond differently to toxicity of unconjugated bilirubin. *Pediatric Research*, **2002**, 51, 535-41	3.2	89
229	A bile acid protects against motor and cognitive deficits and reduces striatal degeneration in the 3-nitropropionic acid model of Huntington□s disease. *Experimental Neurology*, **2001**, 171, 351-60	5.7	87
228	miR-143 overexpression impairs growth of human colon carcinoma xenografts in mice with induction of apoptosis and inhibition of proliferation. *PLoS ONE*, **2011**, 6, e23787	3.7	85
227	Bile acids and apoptosis modulation: an emerging role in experimental Alzheimer□s disease. *Trends in Molecular Medicine*, **2008**, 14, 54-62	11.5	83
226	Tauroursodeoxycholic acid prevents MPTP-induced dopaminergic cell death in a mouse model of Parkinson□s disease. *Molecular Neurobiology*, **2012**, 46, 475-86	6.2	81
225	RNase Y in Bacillus subtilis: a Natively disordered protein that is the functional equivalent of RNase E from Escherichia coli. *Journal of Bacteriology*, **2011**, 193, 5431-41	3.5	80
224	Efficient recovery of proteins from multiple source samples after TRIzol(□) or TRIzol(□)LS RNA extraction and long-term storage. *BMC Genomics*, **2013**, 14, 181	4.5	79
223	Tauroursodeoxycholic acid partially prevents apoptosis induced by 3-nitropropionic acid: evidence for a mitochondrial pathway independent of the permeability transition. *Journal of Neurochemistry*, **2000**, 75, 2368-79	6	78

222	Tauroursodeoxycholic acid prevents Bax-induced membrane perturbation and cytochrome C release in isolated mitochondria. *Biochemistry*, **2003**, 42, 3070-80	3.2	76
221	Activation of necroptosis in human and experimental cholestasis. *Cell Death and Disease*, **2016**, 7, e2390	9.8	76
220	Identification of microRNAs during rat liver regeneration after partial hepatectomy and modulation by ursodeoxycholic acid. *American Journal of Physiology - Renal Physiology*, **2010**, 299, G887-97	5.1	75
219	MicroRNA-145 Regulates Neural Stem Cell Differentiation Through the Sox2-Lin28/let-7 Signaling Pathway. *Stem Cells*, **2016**, 34, 1386-95	5.8	75
218	Correction of maternal serum bile acid profile during ursodeoxycholic acid therapy in cholestasis of pregnancy. *Journal of Hepatology*, **1998**, 28, 91-8	13.4	74
217	Apoptosis and insulin resistance in liver and peripheral tissues of morbidly obese patients is associated with different stages of non-alcoholic fatty liver disease. *Diabetologia*, **2011**, 54, 1788-98	10.3	73
216	Amyloid beta-peptide disrupts mitochondrial membrane lipid and protein structure: protective role of tauroursodeoxycholate. *Biochemical and Biophysical Research Communications*, **2001**, 281, 468-74	3.4	72
215	miRNA-21 ablation protects against liver injury and necroptosis in cholestasis. *Cell Death and Differentiation*, **2018**, 25, 857-872	12.7	71
214	MicroRNA-34a Modulates Neural Stem Cell Differentiation by Regulating Expression of Synaptic and Autophagic Proteins. *Molecular Neurobiology*, **2015**, 51, 1168-83	6.2	70
213	Tool from ancient pharmacopoeia prevents vision loss. *Molecular Vision*, **2006**, 12, 1706-14	2.3	70
212	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. *Dalton Transactions*, **2012**, 41, 12888-97	4.3	68
211	Bilirubin directly disrupts membrane lipid polarity and fluidity, protein order, and redox status in rat mitochondria. *Journal of Hepatology*, **2002**, 36, 335-41	13.4	68
210	Molecular basis of the activity of SinR protein, the master regulator of biofilm formation in Bacillus subtilis. *Journal of Biological Chemistry*, **2013**, 288, 10766-78	5.4	67
209	Clinical pharmacokinetics of therapeutic bile acids. *Clinical Pharmacokinetics*, **1996**, 30, 333-58	6.2	67
208	Apoptosis-associated microRNAs are modulated in mouse, rat and human neural differentiation. *BMC Genomics*, **2010**, 11, 514	4.5	66
207	Apoptosis and Bcl-2 expression in the livers of patients with steatohepatitis. *European Journal of Gastroenterology and Hepatology*, **2006**, 18, 21-9	2.2	64
206	Cyclopentadienyl-ruthenium(II) and iron(II) organometallic compounds with carbohydrate derivative ligands as good colorectal anticancer agents. *Journal of Medicinal Chemistry*, **2015**, 58, 4339-47	8.3	63
205	Tauroursodeoxycholic acid (TUDCA) supplementation prevents cognitive impairment and amyloid deposition in APP/PS1 mice. *Neurobiology of Disease*, **2013**, 50, 21-9	7.5	63

204	Relevance of serum bile acid profile in the diagnosis of intrahepatic cholestasis of pregnancy in an high incidence area: Portugal. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **1998**, 80, 31-8	2.4	63
203	Endoplasmic reticulum enrollment in Alzheimer disease. *Molecular Neurobiology*, **2012**, 46, 522-34	6.2	62
202	Amyloid- pathology is attenuated by tauroursodeoxycholic acid treatment in APP/PS1 mice after disease onset. *Neurobiology of Aging*, **2015**, 36, 228-40	5.6	61
201	Safety, tolerability, and cerebrospinal fluid penetration of ursodeoxycholic Acid in patients with amyotrophic lateral sclerosis. *Clinical Neuropharmacology*, **2010**, 33, 17-21	1.4	61
200	p53 is a key molecular target of ursodeoxycholic acid in regulating apoptosis. *Journal of Biological Chemistry*, **2007**, 282, 34250-9	5.4	58
199	Inhibition of the E2F-1/p53/Bax pathway by tauroursodeoxycholic acid in amyloid beta-peptide-induced apoptosis of PC12 cells. *Journal of Neurochemistry*, **2004**, 90, 567-75	6	58
198	c-Jun N-terminal kinase 1/c-Jun activation of the p53/microRNA 34a/sirtuin 1 pathway contributes to apoptosis induced by deoxycholic acid in rat liver. *Molecular and Cellular Biology*, **2014**, 34, 1100-20	4.8	57
197	Tauroursodeoxycholic acid protects retinal neural cells from cell death induced by prolonged exposure to elevated glucose. *Neuroscience*, **2013**, 253, 380-8	3.9	57
196	Ursodeoxycholic acid modulates E2F-1 and p53 expression through a caspase-independent mechanism in transforming growth factor beta1-induced apoptosis of rat hepatocytes. *Journal of Biological Chemistry*, **2003**, 278, 48831-8	5.4	56
195	Tauroursodeoxycholic acid modulates p53-mediated apoptosis in Alzheimer disease mutant neuroblastoma cells. *Journal of Neurochemistry*, **2006**, 98, 1610-8	6	55
194	KRAS oncogene repression in colon cancer cell lines by G-quadruplex binding indolo[3,2-c]quinolines. *Scientific Reports*, **2015**, 5, 9696	4.9	54
193	The site-specific delivery of ursodeoxycholic acid to the rat colon by sulfate conjugation. *Gastroenterology*, **1995**, 109, 1835-44	13.3	54
192	Administration of tauroursodeoxycholic acid (TUDCA) reduces apoptosis following myocardial infarction in rat. *The American Journal of Chinese Medicine*, **2007**, 35, 279-95	6	53
191	Tauroursodeoxycholic acid prevents E22Q Alzheimer Abeta toxicity in human cerebral endothelial cells. *Cellular and Molecular Life Sciences*, **2009**, 66, 1094-104	10.3	51
190	Induction of apoptosis in HuH-7 cancer cells by monoterpene and beta-carboline indole alkaloids isolated from the leaves of Tabernaemontana elegans. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 4255-8	2.9	51
189	Bile acid patterns in meconium are influenced by cholestasis of pregnancy and not altered by ursodeoxycholic acid treatment. *Gut*, **1999**, 45, 446-52	19.2	51
188	The gut microbiota, bile acids and their correlation in primary sclerosing cholangitis associated with inflammatory bowel disease. *United European Gastroenterology Journal*, **2018**, 6, 112-122	5.3	51
187	Nrf2 activation by tauroursodeoxycholic acid in experimental models of Parkinson disease. *Experimental Neurology*, **2017**, 295, 77-87	5.7	50

186	p53 interaction with JMJD3 results in its nuclear distribution during mouse neural stem cell differentiation. *PLoS ONE*, **2011**, 6, e18421	3.7	50
185	Mitochondrial membrane perturbations in cholestasis. *Journal of Hepatology*, **2000**, 32, 135-41	13.4	50
184	Perturbation of membrane dynamics in nerve cells as an early event during bilirubin-induced apoptosis. *Journal of Lipid Research*, **2002**, 43, 885-894	6.3	50
183	The bile acid tauroursodeoxycholic acid modulates phosphorylation and translocation of bad via phosphatidylinositol 3-kinase in glutamate-induced apoptosis of rat cortical neurons. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 311, 845-52	4.7	49
182	miR-21 ablation and obeticholic acid ameliorate nonalcoholic steatohepatitis in mice. *Cell Death and Disease*, **2017**, 8, e2748	9.8	48
181	Nuclear translocation of UDCA by the glucocorticoid receptor is required to reduce TGF-beta1-induced apoptosis in rat hepatocytes. *Hepatology*, **2005**, 42, 925-34	11.2	48
180	Impaired cross-talk between the thioredoxin and glutathione systems is related to ASK-1 mediated apoptosis in neuronal cells exposed to mercury. *Redox Biology*, **2017**, 13, 278-287	11.3	47
179	The MEK5/ERK5 signalling pathway in cancer: a promising novel therapeutic target. *Drug Discovery Today*, **2016**, 21, 1654-1663	8.8	47
178	Synthesis and evaluation of spiroisoxazoline oxindoles as anticancer agents. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 577-84	3.4	47
177	Isoflavones as apoptosis inducers in human hepatoma HuH-7 cells. *Phytotherapy Research*, **2011**, 25, 1818-24	5.7	47
176	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. *Sensors and Actuators B: Chemical*, **2019**, 290, 378-386	8.5	46
175	Revisiting the metabolic syndrome and paving the way for microRNAs in non-alcoholic fatty liver disease. *FEBS Journal*, **2014**, 281, 2503-24	5.7	46
174	Targeting the p53 pathway of apoptosis. *Current Pharmaceutical Design*, **2010**, 16, 2493-503	3.3	46
173	Perturbation of membrane dynamics in nerve cells as an early event during bilirubin-induced apoptosis. *Journal of Lipid Research*, **2002**, 43, 885-94	6.3	46
172	Acquired resistance to aromatase inhibitors: where we stand!. *Endocrine-Related Cancer*, **2018**, 25, R283-R301	5.7	45
171	Death receptors and mitochondria: two prime triggers of neural apoptosis and differentiation. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 2160-6	4	43
170	Unusual, dual endo- and exonuclease activity in the degradosome explained by crystal structure analysis of RNase J1. *Structure*, **2011**, 19, 1241-51	5.2	43
169	The therapeutic effects of ursodeoxycholic acid as an anti-apoptotic agent. *Expert Opinion on Investigational Drugs*, **2001**, 10, 1243-53	5.9	43

168	Dissection of the network of interactions that links RNA processing with glycolysis in the Bacillus subtilis degradosome. *Journal of Molecular Biology*, **2012**, 416, 121-36	6.5	42
167	Modulation of nuclear steroid receptors by ursodeoxycholic acid inhibits TGF-beta1-induced E2F-1/p53-mediated apoptosis of rat hepatocytes. *Biochemistry*, **2004**, 43, 8429-38	3.2	41
166	Metabolism of orally administered tauroursodeoxycholic acid in patients with primary biliary cirrhosis. *Gut*, **1996**, 38, 439-46	19.2	41
165	Distinct regulatory functions of calpain 1 and 2 during neural stem cell self-renewal and differentiation. *PLoS ONE*, **2012**, 7, e33468	3.7	40
164	Lytic cell death in metabolic liver disease. *Journal of Hepatology*, **2020**, 73, 394-408	13.4	39
163	Novel insights into the antioxidant role of tauroursodeoxycholic acid in experimental models of Parkinson's disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 2171-2181	6.9	38
162	Mitochondrial translocation of p53 modulates neuronal fate by preventing differentiation-induced mitochondrial stress. *Antioxidants and Redox Signaling*, **2014**, 21, 1009-24	8.4	37
161	The YmdB phosphodiesterase is a global regulator of late adaptive responses in Bacillus subtilis. *Journal of Bacteriology*, **2014**, 196, 265-75	3.5	37
160	Caspases and p53 modulate FOXO3A/Id1 signaling during mouse neural stem cell differentiation. *Journal of Cellular Biochemistry*, **2009**, 107, 748-58	4.7	37
159	Functional modulation of nuclear steroid receptors by tauroursodeoxycholic acid reduces amyloid beta-peptide-induced apoptosis. *Molecular Endocrinology*, **2006**, 20, 2292-303		37
158	Inhibition of Fas expression by RNAi modulates 5-fluorouracil-induced apoptosis in HCT116 cells expressing wild-type p53. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2007**, 1772, 40-7	6.9	37
157	Mitochondria: Major Regulators of Neural Development. *Neuroscientist*, **2016**, 22, 346-58	7.6	36
156	Biological characterization of the antiproliferative potential of Co(II) and Sn(IV) coordination compounds in human cancer cell lines: a comparative proteomic approach. *Drug Metabolism and Drug Interactions*, **2013**, 28, 167-76		36
155	Convergence of miR-143 overexpression, oxidative stress and cell death in HCT116 human colon cancer cells. *PLoS ONE*, **2018**, 13, e0191607	3.7	35
154	p53 and the regulation of hepatocyte apoptosis: implications for disease pathogenesis. *Trends in Molecular Medicine*, **2009**, 15, 531-41	11.5	35
153	Cobalt and Zinc Compounds Bearing 1,10-Phenanthroline-5,6-dione or 1,3,5-Triaza-7-phosphaadamantane Derivatives: Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. *European Journal of Inorganic Chemistry*, **2013**, 2013, 3651-3658	2.3	34
152	Liver and muscle in morbid obesity: the interplay of fatty liver and insulin resistance. *PLoS ONE*, **2012**, 7, e31738	3.7	34
151	miR-143 or miR-145 overexpression increases cetuximab-mediated antibody-dependent cellular cytotoxicity in human colon cancer cells. *Oncotarget*, **2016**, 7, 9368-87	3.3	34

150	Inhibition of receptor-interacting protein kinase 1 improves experimental non-alcoholic fatty liver disease. *Journal of Hepatology*, **2020**, 72, 627-635	13.4	34
149	Aberrant MEK5/ERK5 signalling contributes to human colon cancer progression via NF-B activation. *Cell Death and Disease*, **2015**, 6, e1718	9.8	33
148	Tauroursodeoxycholic acid suppresses amyloid -induced synaptic toxicity in vitro and in APP/PS1 mice. *Neurobiology of Aging*, **2013**, 34, 551-61	5.6	33
147	Creatine-supplemented diet extends Purkinje cell survival in spinocerebellar ataxia type 1 transgenic mice but does not prevent the ataxic phenotype. *Neuroscience*, **2001**, 103, 713-24	3.9	33
146	Signalling networks in cholangiocarcinoma: Molecular pathogenesis, targeted therapies and drug resistance. *Liver International*, **2019**, 39 Suppl 1, 43-62	7.9	32
145	Cytotoxic bile acids, but not cytoprotective species, inhibit the ordering effect of cholesterol in model membranes at physiologically active concentrations. *Biochimica Et Biophysica Acta - Biomembranes*, **2013**, 1828, 2152-63	3.8	32
144	Functional dissection of a trigger enzyme: mutations of the bacillus subtilis glutamate dehydrogenase RocG that affect differentially its catalytic activity and regulatory properties. *Journal of Molecular Biology*, **2010**, 400, 815-27	6.5	32
143	Bile salt-induced apoptosis in human colon cancer cell lines involves the mitochondrial transmembrane potential but not the CD95 (Fas/Apo-1) receptor. *International Journal of Colorectal Disease*, **2005**, 20, 103-13	3	32
142	Tauroursodeoxycholic Acid Improves Motor Symptoms in a Mouse Model of Parkinson Disease. *Molecular Neurobiology*, **2018**, 55, 9139-9155	6.2	31
141	Monoterpene bisindole alkaloids, from the African medicinal plant Tabernaemontana elegans, induce apoptosis in HCT116 human colon carcinoma cells. *Journal of Ethnopharmacology*, **2013**, 149, 463-70	5	31
140	NF-kappaB and apoptosis in colorectal tumourigenesis. *European Journal of Clinical Investigation*, **2007**, 37, 416-24	4.6	31
139	MEK5/ERK5 signaling inhibition increases colon cancer cell sensitivity to 5-fluorouracil through a p53-dependent mechanism. *Oncotarget*, **2016**, 7, 34322-40	3.3	31
138	Nanoformulations of a potent copper-based aquaporin inhibitor with cytotoxic effect against cancer cells. *Nanomedicine*, **2016**, 11, 1817-30	5.6	31
137	Modulation of hepatocyte apoptosis: cross-talk between bile acids and nuclear steroid receptors. *Current Medicinal Chemistry*, **2006**, 13, 3039-51	4.3	30
136	A distinct microarray gene expression profile in primary rat hepatocytes incubated with ursodeoxycholic acid. *Journal of Hepatology*, **2005**, 42, 897-906	13.4	30
135	Targeting KRAS Oncogene in Colon Cancer Cells with 7-Carboxylate Indolo[3,2-b]quinoline Tri-Alkylamine Derivatives. *PLoS ONE*, **2015**, 10, e0126891	3.7	30
134	Cell death targets and potential modulators in Alzheimer disease. *Current Pharmaceutical Design*, **2010**, 16, 2851-64	3.3	29
133	Differential regulation of cyclin D1 and cell death by bile acids in primary rat hepatocytes. *American Journal of Physiology - Renal Physiology*, **2007**, 293, G327-34	5.1	29

132	Aging confers different sensitivity to the neurotoxic properties of unconjugated bilirubin. *Pediatric Research*, **2002**, 51, 112-8	3.2	29
131	Synthesis, G-quadruplex stabilisation, docking studies, and effect on cancer cells of indolo[3,2-b]quinolines with one, two, or three basic side chains. *ChemMedChem*, **2013**, 8, 1648-61	3.7	28
130	Apoptosis in transgenic mice expressing the P301L mutated form of human tau. *Molecular Medicine* , **2008**, 14, 309-17	6.2	28
129	Oxidative stress and regulated cell death in Parkinson's disease. *Ageing Research Reviews*, **2021**, 67, 101263	12	28
128	Game and players: mitochondrial apoptosis and the therapeutic potential of ursodeoxycholic acid. *Current Issues in Molecular Biology*, **2007**, 9, 123-38	2.9	28
127	Loss of Microglial Parkin Inhibits Necroptosis and Contributes to Neuroinflammation. *Molecular Neurobiology*, **2019**, 56, 2990-3004	6.2	27
126	Unusual case of severe cholestasis of pregnancy with early onset, improved by ursodeoxycholic acid administration. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **1998**, 76, 165-8	2.4	27
125	Performance characteristics of reversed-phase bonded silica cartridges for serum bile acid extraction. *Biomedical Chromatography*, **1996**, 10, 1-5	1.7	27
124	Tauroursodeoxycholic acid improves the survival and function of nigral transplants in a rat model of Parkinson's disease. *Cell Transplantation*, **2002**, 11, 195-205	4	27
123	The Analytical Challenge in the Determination of Cathinones, Key-Players in the Worldwide Phenomenon of Novel Psychoactive Substances. *Critical Reviews in Analytical Chemistry*, **2018**, 48, 372-390	5.2	26
122	Insights into the mechanisms underlying the antiproliferative potential of a Co(II) coordination compound bearing 1,10-phenanthroline-5,6-dione: DNA and protein interaction studies. *Journal of Biological Inorganic Chemistry*, **2014**, 19, 787-803	3.7	26
121	The Emerging Role of microRNAs in Aquaporin Regulation. *Frontiers in Chemistry*, **2018**, 6, 238	5	25
120	microRNAs in Mitochondria: An Unexplored Niche. *Advances in Experimental Medicine and Biology*, **2015**, 887, 31-51	3.6	25
119	delta 22-Ursodeoxycholic acid, a unique metabolite of administered ursodeoxycholic acid in rats, indicating partial beta-oxidation as a major pathway for bile acid metabolism. *Biochemistry*, **1995**, 34, 4169-78	3.2	25
118	Tauroursodeoxycholate increases rat liver ursodeoxycholate levels and limits lithocholate formation better than ursodeoxycholate. *Gastroenterology*, **1995**, 109, 564-72	13.3	25
117	Chemical Variations on the p53 Reactivation Theme. *Pharmaceuticals*, **2016**, 9,	5.2	25
116	MEK5/ERK5 activation regulates colon cancer stem-like cell properties. *Cell Death Discovery*, **2019**, 5, 68	6.9	25
115	Copper complex nanoformulations featuring highly promising therapeutic potential in murine melanoma models. *Nanomedicine*, **2019**, 14, 835-850	5.6	24

114	Apoptosis inducing activity of benzophenanthridine-type alkaloids and 2-arylbenzofuran neolignans in HCT116 colon carcinoma cells. *Phytomedicine*, **2013**, 20, 923-9	6.5	24
113	Membrane structural changes support the involvement of mitochondria in the bile salt-induced apoptosis of rat hepatocytes. *Clinical Science*, **2002**, 103, 475-85	6.5	24
112	Deoxycholic acid modulates cell death signaling through changes in mitochondrial membrane properties. *Journal of Lipid Research*, **2015**, 56, 2158-71	6.3	23
111	Amyloid peptides promote autophagy-dependent differentiation of mouse neural stem cells: A mediated neural differentiation. *Molecular Neurobiology*, **2013**, 48, 829-40	6.2	23
110	Driving apoptosis-relevant proteins toward neural differentiation. *Molecular Neurobiology*, **2012**, 46, 316-31	6.2	23
109	Histone deacetylase inhibition decreases cholesterol levels in neuronal cells by modulating key genes in cholesterol synthesis, uptake and efflux. *PLoS ONE*, **2013**, 8, e53394	3.7	23
108	Antitumour Potential of Carrageenans against Colorectal Cancer Stem Cell-Enriched Tumourspheres. *Marine Drugs*, **2020**, 18,	6	23
107	Current and novel therapeutic opportunities for systemic therapy in biliary cancer. *British Journal of Cancer*, **2020**, 123, 1047-1059	8.7	23
106	Application of Tauroursodeoxycholic Acid for Treatment of Neurological and Non-neurological Diseases: Is There a Potential for Treating Traumatic Brain Injury?. *Neurocritical Care*, **2016**, 25, 153-66	3.3	22
105	p,pRMethoxyl-diphenyl diselenide protects against amyloid- induced cytotoxicity in vitro and improves memory deficits in vivo. *Behavioural Brain Research*, **2013**, 247, 241-7	3.4	22
104	p53 dephosphorylation and p21(Cip1/Waf1) translocation correlate with caspase-3 activation in TGF-beta1-induced apoptosis of HuH-7 cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2004**, 9, 211-21	5.4	22
103	Dibenzylbutane- and butyrolactone-type lignans as apoptosis inducers in human hepatoma HuH-7 cells. *Phytotherapy Research*, **2012**, 26, 692-6	6.7	21
102	Synthesis and evaluation of water-soluble prodrugs of ursodeoxycholic acid (UDCA), an anti-apoptotic bile acid. *ChemMedChem*, **2013**, 8, 1002-11	3.7	21
101	Neuronal cholesterol metabolism increases dendritic outgrowth and synaptic markers via a concerted action of GGTase-I and Trk. *Scientific Reports*, **2016**, 6, 30928	4.9	20
100	Apoptotic cell death does not parallel other indicators of liver damage in chronic hepatitis C patients. *Journal of Viral Hepatitis*, **2000**, 7, 175-83	3.4	20
99	Liquid Biopsies in Hepatocellular Carcinoma: Are We Winning?. *Journal of Clinical Medicine*, **2020**, 9,	5.1	19
98	Ablation of RIP3 protects from dopaminergic neurodegeneration in experimental Parkinson disease. *Cell Death and Disease*, **2019**, 10, 840	9.8	19
97	Inhibition of NF- by deoxycholic acid induces miR-21/PDCD4-dependent hepatocellular apoptosis. *Scientific Reports*, **2015**, 5, 17528	4.9	19

96	Modulation of amyloid-β peptide-induced toxicity through inhibition of JNK nuclear localization and caspase-2 activation. *Journal of Alzheimer's Disease*, **2010**, 22, 557-68	4.3	19
95	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. *Journal of Hepatology*, **2021**, 75, 770-785	13.4	19
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