Dora Brites

List of Publications by Year
in descending order

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157 papers	8,064 citations	34105 52 h-index	58581 82 g-index
164 all docs	164 docs citations	164 times ranked	9504 citing authors

#	Article	IF	Citations
1	Looking at the bloodâ€“brain barrier: Molecular anatomy and possible investigation approaches. Brain Research Reviews, 2010, 64, 328-363.	9.0	484
2	Neuroinflammation and Depression: Microglia Activation, Extracellular Microvesicles and microRNA Dysregulation. Frontiers in Cellular Neuroscience, 2015, 9, 476.	3.7	430
3	Neurovascular Unit: a Focus on Pericytes. Molecular Neurobiology, 2012, 45, 327-347.	4.0	220
4	Antiâ€inflammatory Effect of Rosmarinic Acid and an Extract of Rosmarinus officinalis in Rat Models of Local and Systemic Inflammation. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 398-413.	2.5	193
5	Establishment of primary cultures of human brain microvascular endothelial cells to provide an in vitro cellular model of the blood-brain barrier. Nature Protocols, 2010, 5, 1265-1272.	12.0	177
6	Polyphenols journey through blood-brain barrier towards neuronal protection. Scientific Reports, 2017, 7, 11456.	3.3	177
7	Microglia centered pathogenesis in ALS: insights in cell interconnectivity. Frontiers in Cellular Neuroscience, 2014, 8, 117.	3.7	174
8	Molecular basis of bilirubin-induced neurotoxicity. Trends in Molecular Medicine, 2004, 10, 65-70.	6.7	171
9	Bilirubin induces apoptosis via the mitochondrial pathway in developing rat brain neurons. Hepatology, 2002, 35, 1186-1195.	7.3	143
10	Microglia change from a reactive to an age-like phenotype with the time in culture. Frontiers in Cellular Neuroscience, 2014, 8, 152.	3.7	140
11	Exploring New Inflammatory Biomarkers and Pathways during LPS-Induced M1 Polarization. Mediators of Inflammation, 2016, 2016, 1-17.	3.0	132
12	Exosomes from NSC-34 Cells Transfected with hSOD1-G93A Are Enriched in miR-124 and Drive Alterations in Microglia Phenotype. Frontiers in Neuroscience, 2017, 11, 273.	2.8	116
13	Beneficial effect of ursodeoxycholic acid on alterations induced by cholestasis of pregnancy in bile acid transport across the human placenta. Journal of Hepatology, 1998, 28, 829-839.	3.7	114
14	Inflammatory signalling pathways involved in astroglial activation by unconjugated bilirubin. Journal of Neurochemistry, 2006, 96, 1667-1679.	3.9	108
15	The Evolving Landscape of Neurotoxicity by Unconjugated Bilirubin: Role of Glial Cells and Inflammation. Frontiers in Pharmacology, 2012, 3, 88.	3.5	108
16	Bilirubin and Amyloid-Î² Peptide Induce Cytochrome c Release Through Mitochondrial Membrane Permeabilization. Molecular Medicine, 2000, 6, 936-946.	4.4	107
17	Bilirubin-induced apoptosis in cultured rat neural cells is aggravated by chenodeoxycholic acid but prevented by ursodeoxycholic acid. Journal of Hepatology, 2001, 34, 402-408.	3.7	107
18	Correction of maternal serum bile acid profile during ursodeoxycholic acid therapy in cholestasis of pregnancy. Journal of Hepatology, 1998, 28, 91-98.	3.7	104

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19	Cytokine production, glutamate release and cell death in rat cultured astrocytes treated with unconjugated bilirubin and LPS. Journal of Neuroimmunology, 2004, 153, 64-75.	2.3	104
20	Rat Cultured Neuronal and Glial Cells Respond Differently to Toxicity of Unconjugated Bilirubin. Pediatric Research, 2002, 51, 535-541.	2.3	100
21	Exposure to Lipopolysaccharide and/or Unconjugated Bilirubin Impair the Integrity and Function of Brain Microvascular Endothelial Cells. PLoS ONE, 2012, 7, e35919.	2.5	93
22	Oligodendrocyte Development and Myelination in Neurodevelopment: Molecular Mechanisms in Health and Disease. Current Pharmaceutical Design, 2016, 22, 656-679.	1.9	93
23	Inhibition of Glutamate Uptake by Unconjugated Bilirubin in Cultured Cortical Rat Astrocytes: Role of Concentration and pH. Biochemical and Biophysical Research Communications, 1999, 265, 67-72.	2.1	92
24	Bilirubin injury to neurons: Contribution of oxidative stress and rescue by glycoursodeoxycholic acid. NeuroToxicology, 2008, 29, 259-269.	3.0	89
25	Systemic inflammation in early neonatal mice induces transient and lasting neurodegenerative effects. Journal of Neuroinflammation, 2015, 12, 82.	7.2	89
26	A link between hyperbilirubinemia, oxidative stress and injury to neocortical synaptosomes. Brain Research, 2004, 1026, 33-43.	2.2	86
27	Key Aging-Associated Alterations in Primary Microglia Response to Beta-Amyloid Stimulation. Frontiers in Aging Neuroscience, 2017, 9, 277.	3.4	86
28	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, 31-38.	1.1	83
29	Bilirubin directly disrupts membrane lipid polarity and fluidity, protein order, and redox status in rat mitochondria. Journal of Hepatology, 2002, 36, 335-341.	3.7	83
30	MAPKs are key players in mediating cytokine release and cell death induced by unconjugated bilirubin in cultured rat cortical astrocytes. European Journal of Neuroscience, 2007, 25, 1058-1068.	2.6	83
31	Amyloid Î²-Peptide Disrupts Mitochondrial Membrane Lipid and Protein Structure: Protective Role of Tauroursodeoxycholate. Biochemical and Biophysical Research Communications, 2001, 281, 468-474.	2.1	82
32	Bilirubin-induced immunostimulant effects and toxicity vary with neural cell type and maturation state. Acta Neuropathologica, 2006, 112, 95-105.	7.7	80
33	Bilirubin-induced inflammatory response, glutamate release, and cell death in rat cortical astrocytes are enhanced in younger cells. Neurobiology of Disease, 2005, 20, 199-206.	4.4	75
34	Intrahepatic cholestasis of pregnancy: Changes in maternal-fetal bile acid balance and improvement by ursodeoxycholic acid. Annals of Hepatology, 2002, 1, 20-28.	1.5	73
35	Protective effects of hydroxytyrosol-supplemented refined olive oil in animal models of acute inflammation and rheumatoid arthritis. Journal of Nutritional Biochemistry, 2015, 26, 360-368.	4.2	73
36	Secretome from SH-SY5Y APPSwe cells trigger time-dependent CHME3 microglia activation phenotypes, ultimately leading to miR-21 exosome shuttling. Biochimie, 2018, 155, 67-82.	2.6	73

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37	Perturbation of membrane dynamics in nerve cells as an early event during bilirubin-induced apoptosis. Journal of Lipid Research, 2002, 43, 885-894.	4.2	73
38	Features of bilirubin-induced reactive microglia: From phagocytosis to inflammation. Neurobiology of Disease, 2010, 40, 663-675.	4.4	71
39	Dissociated primary nerve cell cultures as models for assessment of neurotoxicity. Toxicology Letters, 2006, 163, 1-9.	0.8	70
40	A look at tricellulin and its role in tight junction formation and maintenance. European Journal of Cell Biology, 2011, 90, 787-796.	3.6	69
41	Unconjugated bilirubin activates and damages microglia. Journal of Neuroscience Research, 2006, 84, 194-201.	2.9	68
42	ER Stress, Mitochondrial Dysfunction and Calpain/JNK Activation are Involved in Oligodendrocyte Precursor Cell Death by Unconjugated Bilirubin. NeuroMolecular Medicine, 2012, 14, 285-302.	3.4	68
43	Bilirubin selectively inhibits cytochrome c oxidase activity and induces apoptosis in immature cortical neurons: assessment of the protective effects of glycoursodeoxycholic acid. Journal of Neurochemistry, 2010, 112, 56-65.	3.9	63
44	Neuritic growth impairment and cell death by unconjugated bilirubin is mediated by NO and glutamate, modulated by microglia, and prevented by glycoursodeoxycholic acid and interleukin-10. Neuropharmacology, 2012, 62, 2398-2408.	4.1	63
45	Bile acid patterns in meconium are influenced by cholestasis of pregnancy and not altered by ursodeoxycholic acid treatment. Gut, 1999, 45, 446-452.	12.1	62
46	Automated analysis of NeuronJ tracing data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 371-376.	1.5	61
47	S100B as a Potential Biomarker and Therapeutic Target in Multiple Sclerosis. Molecular Neurobiology, 2016, 53, 3976-3991.	4.0	61
48	Downregulated Glia Interplay and Increased miRNA-155 as Promising Markers to Track ALS at anÂEarly Stage. Molecular Neurobiology, 2017, 55, 4207-4224.	4.0	59
49	Bilirubin toxicity to human erythrocytes: A review. Clinica Chimica Acta, 2006, 374, 46-56.	1.1	57
50	Unconjugated bilirubin differentially affects the redox status of neuronal and astroglial cells. Neurobiology of Disease, 2008, 29, 30-40.	4.4	57
51	Potential for brain accessibility and analysis of stability of selected flavonoids in relation to neuroprotection in vitro. Brain Research, 2016, 1651, 17-26.	2.2	57
52	Elevated levels of bile acids in colostrum of patients with cholestasis of pregnancy are decreased following ursodeoxycholic acid therapy. Journal of Hepatology, 1998, 29, 743-751.	3.7	56
53	Cortical Neurotoxic Astrocytes with Early ALS Pathology and miR-146a Deficit Replicate Gliosis Markers of Symptomatic SOD1G93A Mouse Model. Molecular Neurobiology, 2019, 56, 2137-2158.	4.0	56
54	Apoptosis and impairment of neurite network by short exposure of immature rat cortical neurons to unconjugated bilirubin increase with cell differentiation and are additionally enhanced by an inflammatory stimulus. Journal of Neuroscience Research, 2007, 85, 1229-1239.	2.9	55

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55	Bioaccessible (poly)phenol metabolites from raspberry protect neural cells from oxidative stress and attenuate microglia activation. Food Chemistry, 2017, 215, 274-283.	8.2	52
56	Hydrophilic bile acids protect human blood-brain barrier endothelial cells from disruption by unconjugated bilirubin: an in vitro study. Frontiers in Neuroscience, 2015, 9, 80.	2.8	50
57	Glio-vascular changes during ageing in wild-type and Alzheimer×³s disease-like APP/PS1 mice. Brain Research, 2015, 1620, 153-168.	2.2	49
58	Human iPSC-Derived Hippocampal Spheroids: An Innovative Tool for Stratifying Alzheimer Disease Patient-Specific Cellular Phenotypes and Developing Therapies. Stem Cell Reports, 2020, 15, 256-273.	4.8	49
59	Glycoursodeoxycholic Acid Reduces Matrix Metalloproteinase-9 and Caspase-9 Activation in a Cellular Model of Superoxide Dismutase-1 Neurodegeneration. Molecular Neurobiology, 2015, 51, 864-877.	4.0	48
60	Perturbation of membrane dynamics in nerve cells as an early event during bilirubin-induced apoptosis. Journal of Lipid Research, 2002, 43, 885-94.	4.2	48
61	Bilirubin induces loss of membrane lipids and exposure of phosphatidylserine in human erythrocytes. Cell Biology and Toxicology, 2002, 18, 181-192.	5.3	45
62	Bilirubin as a determinant for altered neurogenesis, neuritogenesis, and synaptogenesis. Developmental Neurobiology, 2009, 69, 568-582.	3.0	45
63	Assessment of bilirubin toxicity to erythrocytes. Implication in neonatal jaundice management. European Journal of Clinical Investigation, 2000, 30, 239-247.	3.4	44
64	Role of multidrug resistance-associated protein 1 expression in the in vitro susceptibility of rat nerve cell to unconjugated bilirubin. Neuroscience, 2007, 144, 878-888.	2.3	44
65	Time-dependent dual effects of high levels of unconjugated bilirubin on the human blood-brain barrier lining. Frontiers in Cellular Neuroscience, 2012, 6, 22.	3.7	44
66	Regulatory function of <scp>microRNAs</scp> in microglia. Glia, 2020, 68, 1631-1642.	4.9	44
67	Selective vulnerability of rat brain regions to unconjugated bilirubin. Molecular and Cellular Neurosciences, 2011, 48, 82-93.	2.2	41
68	Bilirubin Injury to Neurons and Glial Cells: New Players, Novel Targets, and Newer Insights. Seminars in Perinatology, 2011, 35, 114-120.	2.5	41
69	Synaptic Failure: Focus in an Integrative View of ALS. Brain Plasticity, 2016, 1, 159-175.	3.5	40
70	Frailty in mouse ageing: A conceptual approach. Mechanisms of Ageing and Development, 2016, 160, 34-40.	4.6	39
71	Axonal elongation and dendritic branching is enhanced by adenosine A2A receptors activation in cerebral cortical neurons. Brain Structure and Function, 2016, 221, 2777-2799.	2.3	39
72	Glycoursodeoxycholic Acid and Interleukin-10 Modulate the Reactivity of Rat Cortical Astrocytes to Unconjugated Bilirubin. Journal of Neuropathology and Experimental Neurology, 2007, 66, 789-798.	1.7	38

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73	Biological risks for neurological abnormalities associated with hyperbilirubinemia. Journal of Perinatology, 2009, 29, S8-S13.	2.0	38
74	Pro-inflammatory cytokines intensify the activation of NO/NOS, JNK1/2 and caspase cascades in immature neurons exposed to elevated levels of unconjugated bilirubin. Experimental Neurology, 2011, 229, 381-390.	4.1	38
75	Dipeptidyl Vinyl Sulfone as a Novel Chemical Tool to Inhibit HMGB1/NLRP3-Inflammasome and Inflamma-miRs in AÎ²-Mediated Microglial Inflammation. ACS Chemical Neuroscience, 2017, 8, 89-99.	3.5	38
76	Effect of bilirubin on erythrocyte shape and haemolysis, under hypotonic, aggregating or non-aggregating conditions, and correlation with cell age. Scandinavian Journal of Clinical and Laboratory Investigation, 1997, 57, 337-349.	1.2	37
77	N-Methyl-d-Aspartate Receptor and Neuronal Nitric Oxide Synthase Activation Mediate Bilirubin-Induced Neurotoxicity. Molecular Medicine, 2010, 16, 372-380.	4.4	37
78	Bloodâ€“brain barrier transport and neuroprotective potential of blackberry-digested polyphenols: an in vitro study. European Journal of Nutrition, 2019, 58, 113-130.	3.9	37
79	Alterations of erythrocyte morphology and lipid composition by hyperbilirubinemia. Clinica Chimica Acta, 1996, 249, 149-165.	1.1	36
80	Effects of Bilirubin Molecular Species on Membrane Dynamic Properties of Human Erythrocyte Membranes: A Spin Label Electron Paramagnetic Resonance Spectroscopy Study. Archives of Biochemistry and Biophysics, 2001, 387, 57-65.	3.0	36
81	Aging Confers Different Sensitivity to the Neurotoxic Properties of Unconjugated Bilirubin. Pediatric Research, 2002, 51, 112-118.	2.3	36
82	Rat Cerebellar Slice Cultures Exposed to Bilirubin Evidence Reactive Gliosis, Excitotoxicity and Impaired Myelinogenesis that Is Prevented by AMPA and TNF-Î± Inhibitors. Molecular Neurobiology, 2014, 49, 424-439.	4.0	36
83	Impaired oligodendrogenesis and myelination by elevated S100B levels during neurodevelopment. Neuropharmacology, 2018, 129, 69-83.	4.1	36
84	Phenotypic Effects of Wild-Type and Mutant SOD1 Expression in N9 Murine Microglia at Steady State, Inflammatory and Immunomodulatory Conditions. Frontiers in Cellular Neuroscience, 2019, 13, 109.	3.7	36
85	Cerebellar Axon/Myelin Loss, Angiogenic Sprouting, and Neuronal Increase of Vascular Endothelial Growth Factor in a Preterm Infant with Kernicterus. Journal of Child Neurology, 2012, 27, 615-624.	1.4	35
86	Unconjugated Bilirubin Restricts Oligodendrocyte Differentiation and Axonal Myelination. Molecular Neurobiology, 2013, 47, 632-644.	4.0	35
87	Bilirubin and amyloid-beta peptide induce cytochrome c release through mitochondrial membrane permeabilization. Molecular Medicine, 2000, 6, 936-46.	4.4	35
88	Elevated Levels of Bilirubin and Long-Term Exposure Impair Human Brain Microvascular Endothelial Cell Integrity. Current Neurovascular Research, 2011, 8, 153-169.	1.1	33
89	Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. Biomedicine and Pharmacotherapy, 2016, 83, 1191-1202.	5.6	33
90	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, 165-168.	1.1	30

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91	Membrane effects of trifluoperazine, dibucaine and praziquantel on human erythrocytes. Chemico-Biological Interactions, 2000, 126, 79-95.	4.0	30
92	Erythropoietin Reduces Acute Lung Injury and Multiple Organ Failure/Dysfunction Associated to a Scald-Burn Inflammatory Injury in the Rat. Inflammation, 2015, 38, 312-326.	3.8	30
93	Bilirubin-induced neural impairment: A special focus on myelination, age-related windows of susceptibility and associated co-morbidities. Seminars in Fetal and Neonatal Medicine, 2015, 20, 14-19.	2.3	29
94	Reduced Myelination and Increased Glia Reactivity Resulting from Severe Neonatal Hyperbilirubinemia. Molecular Pharmacology, 2016, 89, 84-93.	2.3	29
95	Astrocyte reactivity to unconjugated bilirubin requires TNFâ€Î± and ILâ€1Î² receptor signaling pathways. Glia, 2011, 59, 14-25.	4.9	28
96	Membrane structural changes support the involvement of mitochondria in the bile salt-induced apoptosis of rat hepatocytes. Clinical Science, 2002, 103, 475-485.	4.3	27
97	Contribution of Inflammatory Processes to Nerve Cell Toxicity by Bilirubin and Efficacy of Potential Therapeutic Agents. Current Pharmaceutical Design, 2009, 15, 2915-2926.	1.9	27
98	Astrocyte regional diversity in ALS includes distinct aberrant phenotypes with common and causal pathological processes. Experimental Cell Research, 2020, 395, 112209.	2.6	26
99	Recovery of Depleted miR-146a in ALS Cortical Astrocytes Reverts Cell Aberrancies and Prevents Paracrine Pathogenicity on Microglia and Motor Neurons. Frontiers in Cell and Developmental Biology, 2021, 9, 634355.	3.7	26
100	Bloodâ€“Brain Barrier and Bilirubin: Clinical Aspects and Experimental Data. Archives of Medical Research, 2014, 45, 660-676.	3.3	25
101	Neuroprotective effects of erythropoietin pretreatment in a rodent model of transient middle cerebral artery occlusion. Journal of Neurosurgery, 2014, 121, 55-62.	1.6	25
102	Endocytosis in rat cultured astrocytes is inhibited by unconjugated bilirubin. Neurochemical Research, 2001, 26, 793-800.	3.3	24
103	Tricellulin expression in brain endothelial and neural cells. Cell and Tissue Research, 2013, 351, 397-407.	2.9	24
104	Cross-Talk Between Neurons and Astrocytes in Response to Bilirubin: Early Beneficial Effects. Neurochemical Research, 2013, 38, 644-659.	3.3	22
105	Apoptotic cell death does not parallel other indicators of liver damage in chronic hepatitis C patients. Journal of Viral Hepatitis, 2000, 7, 175-183.	2.0	21
106	Influence of hypoxia and ischemia preconditioning on bilirubin damage to astrocytes. Brain Research, 2007, 1149, 191-199.	2.2	21
107	Intrahepatic cholestasis of pregnancy: changes in maternal-fetal bile acid balance and improvement by ursodeoxycholic acid. Annals of Hepatology, 2002, 1, 20-8.	1.5	21
108	New Autopsy Findings in Different Brain Regions of a Preterm Neonate With Kernicterus: Neurovascular Alterations and Up-regulation of Efflux Transporters. Pediatric Neurology, 2013, 49, 431-438.	2.1	20

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109	Overexpression of miR-124 in Motor Neurons Plays a Key Role in ALS Pathological Processes. International Journal of Molecular Sciences, 2021, 22, 6128.	4.1	20
110	Challenges in the Development of Drug Delivery Systems Based on Small Extracellular Vesicles for Therapy of Brain Diseases. Frontiers in Pharmacology, 2022, 13, 839790.	3.5	19
111	Dynamics of neuron-glia interplay upon exposure to unconjugated bilirubin. Journal of Neurochemistry, 2011, 117, 412-424.	3.9	18
112	Targeting Gliomas: Can a New Alkylating Hybrid Compound Make a Difference?. ACS Chemical Neuroscience, 2017, 8, 50-59.	3.5	16
113	Neuronal Dynamics and miRNA Signaling Differ between SH-SY5Y APPSwe and PSEN1 Mutant iPSC-Derived AD Models upon Modulation with miR-124 Mimic and Inhibitor. Cells, 2021, 10, 2424.	4.1	16
114	Evidence of tricellulin expression by immune cells, particularly microglia. Biochemical and Biophysical Research Communications, 2011, 409, 799-802.	2.1	15
115	Cross-Talk Between Neurons and Astrocytes in Response to Bilirubin: Adverse Secondary Impacts. Neurotoxicity Research, 2014, 26, 1-15.	2.7	13
116	Microglia Susceptibility to Free Bilirubin Is Age-Dependent. Frontiers in Pharmacology, 2020, 11, 1012.	3.5	13
117	Microglial Morphology Across Distantly Related Species: Phylogenetic, Environmental and Age Influences on Microglia Reactivity and Surveillance States. Frontiers in Immunology, 2021, 12, 683026.	4.8	12
118	Inhibition of Glycogen Synthase Kinase-3Î² Attenuates Organ Injury and Dysfunction Associated With Liver Ischemia-Reperfusion and Thermal Injury in the Rat. Shock, 2015, 43, 369-378.	2.1	11
119	Neurotoxic Astrocytes Directly Converted from Sporadic and Familial ALS Patient Fibroblasts Reveal Signature Diversities and miR-146a Theragnostic Potential in Specific Subtypes. Cells, 2022, 11, 1186.	4.1	11
120	Anti-inflammatory effect of naringin and naringenin on TNF-Î± secretion in cultured cortical astrocytes after stimulation with LPS. New Biotechnology, 2009, 25, S10-S11.	4.4	10
121	Protective Signature of IFNÎ³-Stimulated Microglia Relies on miR-124-3p Regulation From the Secretome Released by Mutant APP Swedish Neuronal Cells. Frontiers in Pharmacology, 2022, 13, .	3.5	10
122	Membrane structural changes support the involvement of mitochondria in the bile salt-induced apoptosis of rat hepatocytes. Clinical Science, 2002, 103, 475.	4.3	9
123	S100B Impairs Oligodendrogenesis and Myelin Repair Following Demyelination Through RAGE Engagement. Frontiers in Cellular Neuroscience, 2020, 14, 279.	3.7	8
124	Cell ageing: a flourishing field for neurodegenerative diseases. AIMS Molecular Science, 2015, 2, 225-258.	0.5	8
125	Directing mouse embryonic neurosphere differentiation toward an enriched neuronal population. International Journal of Developmental Neuroscience, 2014, 37, 94-99.	1.6	7
126	Astrocytes in Amyotrophic Lateral Sclerosis. , 0, , 35-54.		7

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127	Effect of acidosis on bilirubin-induced toxicity to human erythrocytes. Molecular and Cellular Biochemistry, 2003, 247, 155-162.	3.1	6
128	Targeting gliomas with triazene-based hybrids: Structure-activity relationship, mechanistic study and stability. European Journal of Medicinal Chemistry, 2019, 172, 16-25.	5.5	6
129	Development of a high throughput methodology to screen cathinonesâ€™ toxicological impact. Forensic Science International, 2019, 298, 1-9.	2.2	6
130	Designer Cathinones N-Ethylhexedrone and Buphedrone Show Different In Vitro Neurotoxicity and Mice Behaviour Impairment. Neurotoxicity Research, 2021, 39, 392-412.	2.7	6
131	Differences in Immune-Related Genes Underlie Temporal and Regional Pathological Progression in 3xTg-AD Mice. Cells, 2022, 11, 137.	4.1	6
132	Sedentary Life and Reduced Mastication Impair Spatial Learning and Memory and Differentially Affect Dentate Gyrus Astrocyte Subtypes in the Aged Mice. Frontiers in Neuroscience, 2021, 15, 632216.	2.8	5
133	Identification of a novel deletion in UDP-glucuronosyltransferase gene in a patient with Criglerâ€“Najjar syndrome type I. Blood Cells, Molecules, and Diseases, 2009, 42, 265-266.	1.4	3
134	Bile acid composition of amniotic fluid and maternal serum in cholestasis of pregnancy and effect of ursodeoxycholic acid. Journal of Hepatology, 1998, 28, 125.	3.7	2
135	TDZD-8 pre-treatment in transient middle cerebral artery occlusion. Biomedicine and Aging Pathology, 2014, 4, 361-367.	0.8	2
136	Bilirubin neurotoxicity: a narrative review on long lasting, insidious, and dangerous effects. Pediatric Medicine, 0, .	2.7	2
137	S100B inhibition protects from chronic experimental autoimmune encephalomyelitis. Brain Communications, 0, , .	3.3	2
138	The Sedentary Lifestyle and Masticatory Dysfunction: Time to Review the Contribution to Age-Associated Cognitive Decline and Astrocyte Morphotypes in the Dentate Gyrus. International Journal of Molecular Sciences, 2022, 23, 6342.	4.1	2
139	Apoptosis induced by deoxycholic acid, unconjugated bilirubin andamyloid Î²-peptide reflects mitochondrial perturbation which may beinhibited by ursodeoxycholic acid. Journal of Hepatology, 2000, 32, 40.	3.7	1
140	Effect of bilirubin on toxicity induced by trifluoperazine, dibucaine and praziquantel to erythrocytes. Life Sciences, 2001, 69, 863-877.	4.3	1
141	P2.83: Exploring neuronal cytoskeleton defects by unconjugated bilirubin. International Journal of Developmental Neuroscience, 2010, 28, 715-716.	1.6	1
142	Glial and Neuronal Reactivity to Unconjugated Bilirubin. , 2009, , 1726-1730.		1
143	Early Differentiating Mouse Astroglial Progenitors Share Common Protein Signatures with GL261 Glioma Cells. Journal of Stem Cell and Regenerative Biology, 2016, 2, 1-15.	0.2	1
144	Unwanted Exacerbation of the Immune Response in Neurodegenerative Disease: A Time to Review the Impact. Frontiers in Cellular Neuroscience, 2021, 15, 749595.	3.7	1

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145	Synthesis and friedlÃnder reactions of 5-amino-4-cyano-1,3-oxazoles. Heterocycles, 2007, 71, 2249-2262.	0.7	1
146	Additive effect of chenodeoxycholic acid on toxicity of unconjugated bilirubin to brain cells. Journal of Hepatology, 2000, 32, 87.	3.7	0
147	Comparative study of adverse effects of hyperbilirubinaemia on foetal and adult erythrocytes. Influence of acidosis. Journal of Hepatology, 2001, 34, 181.	3.7	0
148	Ability of glycoursodeoxycholate to prevent astrocyte injury by bilirubin may be restricted to the membrane pathway-dependent cytotoxicity. Journal of Hepatology, 2003, 38, 185-186.	3.7	0
149	Gilbert's syndrome in Portuguese population: Pattern of serum bilirubin and frequency of the UGT1A1 promoter genotypes. Journal of Hepatology, 2003, 38, 210.	3.7	0
150	A8-A17 Cell Groups (Dopaminergic Cell Groups). , 2008, , 2-2.		0
151	246 Bilirubin in the Brain: Neurotoxic Effects, Therapeutic Promises and Regional Vulnerability. Pediatric Research, 2010, 68, 128-128.	2.3	0
152	Implications of Glioblastoma Stem Cells in Chemoresistance. , 2013, , 435-462.		0
153	Response to the Letter to the Editor by Mamdouha Ahdab-Barmada and Jon F. Watchko. Pediatric Neurology, 2014, 50, e17-e18.	2.1	0
154	Targeting astrocyte and motor neuron specific miRNAs to prevent neuro-immune dysregulation in ALS. Frontiers in Cellular Neuroscience, 0, 13, .	3.7	0
155	S100B has a crucial role in inflammation and immune response in the in vivo model of Multiple Sclerosis. Frontiers in Cellular Neuroscience, 0, 13, .	3.7	0
156	A1 polarized IPSCs-derived astrocytes with the PSEN1EÎ”9 mutation show deregulated inflammatory dynamics. Frontiers in Cellular Neuroscience, 0, 13, .	3.7	0
157	Manipulation of miR-124 expression on neuronal APP-SWE cells results in different microglial polarization through paracrine signaling. Frontiers in Cellular Neuroscience, 0, 13, .	3.7	0