Pedro M Borralho

List of Publications by Year in Descending Order

48 papers	2,374 citations	28 h-index	48 g-index
52 ext. papers	2,655 ext. citations	4.7 avg, IF	4.67 L-index

#	Paper	IF	Citations
48	Isolation of Mitochondria from Liver and Extraction of Total RNA and Protein: Analyses of miRNA and Protein Expression. *Methods in Molecular Biology*, **2021**, 2310, 1-15	1.4	1
47	Organoruthenium(II) nucleoside conjugates as colon cytotoxic agents. *New Journal of Chemistry*, **2019**, 43, 1195-1201	3.6	2
46	New Lectins from Mediterranean Flora. Activity against HT29 Colon Cancer Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
45	MEK5/ERK5 activation regulates colon cancer stem-like cell properties. *Cell Death Discovery*, **2019**, 5, 68	6.9	25
44	In Silico HCT116 Human Colon Cancer Cell-Based Models En Route to the Discovery of Lead-Like Anticancer Drugs. *Biomolecules*, **2018**, 8,	5.9	14
43	Convergence of miR-143 overexpression, oxidative stress and cell death in HCT116 human colon cancer cells. *PLoS ONE*, **2018**, 13, e0191607	3.7	35
42	miR-21 ablation and obeticholic acid ameliorate nonalcoholic steatohepatitis in mice. *Cell Death and Disease*, **2017**, 8, e2748	9.8	48
41	Etomidate decreases adrenal gland apoptosis and necrosis associated with hemorrhagic shock in a rat model (Rattus norvegicus). *Cogent Biology*, **2017**, 3, 1393864	1.6	
40	(3ꞇR)-hydroxytabernaelegantine C: A bisindole alkaloid with potent apoptosis inducing activity in colon (HCT116, SW620) and liver (HepG2) cancer cells. *Journal of Ethnopharmacology*, **2016**, 194, 236-244	3.5	12
39	The MEK5/ERK5 signalling pathway in cancer: a promising novel therapeutic target. *Drug Discovery Today*, **2016**, 21, 1654-1663	8.8	47
38	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
37	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
36	The Madeira Archipelago As a Significant Source of Marine-Derived Actinomycete Diversity with Anticancer and Antimicrobial Potential. *Frontiers in Microbiology*, **2016**, 7, 1594	5.7	18
35	New [(η5-C5H5)Ru(N-N)(PPh3)][PF6] compounds: colon anticancer activity and GLUT-mediated cellular uptake of carbohydrate-appended complexes. *Dalton Transactions*, **2016**, 45, 11926-30	4.3	14
34	Vobasinyl-Iboga Alkaloids from Tabernaemontana elegans: Cell Cycle Arrest and Apoptosis-Inducing Activity in HCT116 Colon Cancer Cells. *Journal of Natural Products*, **2016**, 79, 2624-2634	4.9	16
33	Monoterpene indole alkaloid hydrazone derivatives with apoptosis inducing activity in human HCT116 colon and HepG2 liver carcinoma cells. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 3556-9	2.9	18
32	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

31	Aberrant MEK5/ERK5 signalling contributes to human colon cancer progression via NF-B activation. *Cell Death and Disease*, **2015**, 6, e1718	9.8	33
30	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
29	Inhibition of NF-B by deoxycholic acid induces miR-21/PDCD4-dependent hepatocellular apoptosis. *Scientific Reports*, **2015**, 5, 17528	4.9	19
28	microRNAs in Mitochondria: An Unexplored Niche. *Advances in Experimental Medicine and Biology*, **2015**, 887, 31-51	3.6	25
27	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
26	Isolation of mitochondria from liver and extraction of total RNA and protein: analyses of microRNA and protein expressions. *Methods in Molecular Biology*, **2015**, 1241, 9-22	1.4	5
25	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
24	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
23	Mitochondrial MicroRNAs and Their Potential Role in Cell Function. *Current Pathobiology Reports*, **2014**, 2, 123-132	2	15
22	6-Acetonyldihydrochelerythrine Is a Potent Inducer of Apoptosis in HCT116 and SW620 Colon Cancer Cells. *Journal of Natural Products*, **2014**, 77, 1825-30	4.9	11
21	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
20	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
19	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
18	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
17	Apoptosis inducing activity of benzophenanthridine-type alkaloids and 2-arylbenzofuran neolignans in HCT116 colon carcinoma cells. *Phytomedicine*, **2013**, 20, 923-9	6.5	24
16	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
15	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
14	Delivering the promise of miRNA cancer therapeutics. *Drug Discovery Today*, **2013**, 18, 282-9	8.8	231

13	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. *Dalton Transactions*, **2012**, 41, 12888-97	4.3	68
12	miRNA expression in colon polyps provides evidence for a multihit model of colon cancer. *PLoS ONE* , **2011**, 6, e20465	3.7	115
11	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
10	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
9	Colorectal cancer: can nutrients modulate NF-kappaB and apoptosis?. *Clinical Nutrition*, **2010**, 29, 42-6	5.9	6
8	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
7	Evaluation of a new high-dimensional miRNA profiling platform. *BMC Medical Genomics*, **2009**, 2, 57	3.7	24
6	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
5	NF-kappaB and apoptosis in colorectal tumourigenesis. *European Journal of Clinical Investigation*, **2007**, 37, 416-24	4.6	31
4	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
3	Functional modulation of nuclear steroid receptors by tauroursodeoxycholic acid reduces amyloid beta-peptide-induced apoptosis. *Molecular Endocrinology*, **2006**, 20, 2292-303		37
2	Tauroursodeoxycholic acid modulates p53-mediated apoptosis in Alzheimer's disease mutant neuroblastoma cells. *Journal of Neurochemistry*, **2006**, 98, 1610-8	6	55
1	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