

# Pedro M Borralho

## List of Publications by Citations

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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	Human colon cancer profiles show differential microRNA expression depending on mismatch repair status and are characteristic of undifferentiated proliferative states. <i>BMC Cancer</i> , <b>2009</b> , 9, 401	4.8	253
47	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. <i>Journal of Hepatology</i> , <b>2013</b> , 58, 119-25	13.4	240
46	Delivering the promise of miRNA cancer therapeutics. <i>Drug Discovery Today</i> , <b>2013</b> , 18, 282-9	8.8	231
45	MicroRNA-143 reduces viability and increases sensitivity to 5-fluorouracil in HCT116 human colorectal cancer cells. <i>FEBS Journal</i> , <b>2009</b> , 276, 6689-700	5.7	161
44	miRNA expression in colon polyps provides evidence for a multihit model of colon cancer. <i>PLoS ONE</i> , <b>2011</b> , 6, e20465	3.7	115
43	miR-143 overexpression impairs growth of human colon carcinoma xenografts in mice with induction of apoptosis and inhibition of proliferation. <i>PLoS ONE</i> , <b>2011</b> , 6, e23787	3.7	85
42	Efficient recovery of proteins from multiple source samples after TRIzol(□) or TRIzol(□)LS RNA extraction and long-term storage. <i>BMC Genomics</i> , <b>2013</b> , 14, 181	4.5	79
41	Identification of microRNAs during rat liver regeneration after partial hepatectomy and modulation by ursodeoxycholic acid. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 299, G887-97	5.1	75
40	Cobalt complexes bearing scorpionate ligands: synthesis, characterization, cytotoxicity and DNA cleavage. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12888-97	4.3	68
39	Cyclopentadienyl-ruthenium(II) and iron(II) organometallic compounds with carbohydrate derivative ligands as good colorectal anticancer agents. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 4339-47	8.3	63
38	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. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 1100-20	4.8	57
37	Tauroursodeoxycholic acid modulates p53-mediated apoptosis in Alzheimer's disease mutant neuroblastoma cells. <i>Journal of Neurochemistry</i> , <b>2006</b> , 98, 1610-8	6	55
36	KRAS oncogene repression in colon cancer cell lines by G-quadruplex binding indolo[3,2-c]quinolines. <i>Scientific Reports</i> , <b>2015</b> , 5, 9696	4.9	54
35	miR-21 ablation and obeticholic acid ameliorate nonalcoholic steatohepatitis in mice. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2748	9.8	48
34	Nuclear translocation of UDCA by the glucocorticoid receptor is required to reduce TGF-beta1-induced apoptosis in rat hepatocytes. <i>Hepatology</i> , <b>2005</b> , 42, 925-34	11.2	48
33	The MEK5/ERK5 signalling pathway in cancer: a promising novel therapeutic target. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 1654-1663	8.8	47
32	Functional modulation of nuclear steroid receptors by tauroursodeoxycholic acid reduces amyloid beta-peptide-induced apoptosis. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2292-303		37

31	Inhibition of Fas expression by RNAi modulates 5-fluorouracil-induced apoptosis in HCT116 cells expressing wild-type p53. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2007</b> , 1772, 40-7	6.9	37
30	Biological characterization of the antiproliferative potential of Co(II) and Sn(IV) coordination compounds in human cancer cell lines: a comparative proteomic approach. <i>Drug Metabolism and Drug Interactions</i> , <b>2013</b> , 28, 167-76		36
29	Convergence of miR-143 overexpression, oxidative stress and cell death in HCT116 human colon cancer cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191607	3.7	35
28	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. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3651-3658	2.3	34
27	miR-143 or miR-145 overexpression increases cetuximab-mediated antibody-dependent cellular cytotoxicity in human colon cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 9368-87	3.3	34
26	Aberrant MEK5/ERK5 signalling contributes to human colon cancer progression via NF- $\kappa$ B activation. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1718	9.8	33
25	Monoterpene bisindole alkaloids, from the African medicinal plant <i>Tabernaemontana elegans</i> , induce apoptosis in HCT116 human colon carcinoma cells. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 149, 463-570	5.0	31
24	NF-kappaB and apoptosis in colorectal tumourigenesis. <i>European Journal of Clinical Investigation</i> , <b>2007</b> , 37, 416-24	4.6	31
23	MEK5/ERK5 signaling inhibition increases colon cancer cell sensitivity to 5-fluorouracil through a p53-dependent mechanism. <i>Oncotarget</i> , <b>2016</b> , 7, 34322-40	3.3	31
22	Targeting KRAS Oncogene in Colon Cancer Cells with 7-Carboxylate Indolo[3,2-b]quinoline Tri-Alkylamine Derivatives. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126891	3.7	30
21	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. <i>ChemMedChem</i> , <b>2013</b> , 8, 1648-61	3.7	28
20	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. <i>Journal of Biological Inorganic Chemistry</i> , <b>2014</b> , 19, 787-803	3.7	26
19	microRNAs in Mitochondria: An Unexplored Niche. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 887, 31-51	3.6	25
18	MEK5/ERK5 activation regulates colon cancer stem-like cell properties. <i>Cell Death Discovery</i> , <b>2019</b> , 5, 68	6.9	25
17	Apoptosis inducing activity of benzophenanthridine-type alkaloids and 2-arylbenzofuran neolignans in HCT116 colon carcinoma cells. <i>Phytomedicine</i> , <b>2013</b> , 20, 923-9	6.5	24
16	Evaluation of a new high-dimensional miRNA profiling platform. <i>BMC Medical Genomics</i> , <b>2009</b> , 2, 57	3.7	24
15	Inhibition of NF- $\kappa$ B by deoxycholic acid induces miR-21/PDCD4-dependent hepatocellular apoptosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 17528	4.9	19
14	Monoterpene indole alkaloid hydrazone derivatives with apoptosis inducing activity in human HCT116 colon and HepG2 liver carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 3556-9	2.9	18

13	The Madeira Archipelago As a Significant Source of Marine-Derived Actinomycete Diversity with Anticancer and Antimicrobial Potential. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1594	5.7	18
12	Vobasinyll-iboga Alkaloids from <i>Tabernaemontana elegans</i> : Cell Cycle Arrest and Apoptosis-Inducing Activity in HCT116 Colon Cancer Cells. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2624-2634	4.9	16
11	Mitochondrial MicroRNAs and Their Potential Role in Cell Function. <i>Current Pathobiology Reports</i> , <b>2014</b> , 2, 123-132	2	15
10	In Silico HCT116 Human Colon Cancer Cell-Based Models En Route to the Discovery of Lead-Like Anticancer Drugs. <i>Biomolecules</i> , <b>2018</b> , 8,	5.9	14
9	New [( $\eta^5$ -C <sub>5</sub> H <sub>5</sub> )Ru(N-N)(PPh <sub>3</sub> )]PF <sub>6</sub> compounds: colon anticancer activity and GLUT-mediated cellular uptake of carbohydrate-appended complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 11926-30	4.3	14
8	(3R)-hydroxytabernaemontanine C: A bisindole alkaloid with potent apoptosis inducing activity in colon (HCT116, SW620) and liver (HepG2) cancer cells. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 194, 236-244	5	12
7	6-Acetyldihydrochelerythrine Is a Potent Inducer of Apoptosis in HCT116 and SW620 Colon Cancer Cells. <i>Journal of Natural Products</i> , <b>2014</b> , 77, 1825-30	4.9	11
6	New Lectins from Mediterranean Flora. Activity against HT29 Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
5	Colorectal cancer: can nutrients modulate NF-kappaB and apoptosis?. <i>Clinical Nutrition</i> , <b>2010</b> , 29, 42-6	5.9	6
4	Isolation of mitochondria from liver and extraction of total RNA and protein: analyses of microRNA and protein expressions. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1241, 9-22	1.4	5
3	Organoruthenium(II) nucleoside conjugates as colon cytotoxic agents. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 1195-1201	3.6	2
2	Isolation of Mitochondria from Liver and Extraction of Total RNA and Protein: Analyses of miRNA and Protein Expression. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2310, 1-15	1.4	1
1	Etomidate decreases adrenal gland apoptosis and necrosis associated with hemorrhagic shock in a rat model ( <i>Rattus norvegicus</i> ). <i>Cogent Biology</i> , <b>2017</b> , 3, 1393864	1.6	