Fernando Cabral

List of Publications by Year
in descending order

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51 papers	2,357 citations	201385 27 h-index	214527 47 g-index
51 all docs	51 docs citations	51 times ranked	2218 citing authors

#	Article	IF	Citations
1	Peloruside A is a microtubule-stabilizing agent with exceptional anti-migratory properties in human endothelial cells. Oncoscience, 2015, 2, 585-595.	0.9	19
2	Kinesin-13 Microtubule Depolymerizing Proteins as Targets for Cancer Therapy. , 2015, , 117-133.		0
3	Detection and Quantification of Microtubule Detachment from Centrosomes and Spindle Poles. Methods in Cell Biology, 2013, 115, 49-62.	0.5	6
4	Paclitaxel resistance by random mutagenesis of Î±â€tubulin. Cytoskeleton, 2013, 70, 849-862.	1.0	18
5	Microtubule Dynamics Control Tail Retraction in Migrating Vascular Endothelial Cells. Molecular Cancer Therapeutics, 2013, 12, 2837-2846.	1.9	30
6	The Role of Microtubules and Their Dynamics in Cell Migration. Journal of Biological Chemistry, 2012, 287, 43359-43369.	1.6	107
7	Random Mutagenesis of Î²-Tubulin Defines a Set of Dispersed Mutations That Confer Paclitaxel Resistance. Pharmaceutical Research, 2012, 29, 2994-3006.	1.7	21
8	Control of MCAK degradation and removal from centromeres. Cytoskeleton, 2012, 69, 303-311.	1.0	3
9	The arresting action of microtubules in cell motility. Cell Cycle, 2011, 10, 2614-2615.	1.3	5
10	New insights into mechanisms of resistance to microtubule inhibitors. Biochimica Et Biophysica Acta: Reviews on Cancer, 2011, 1816, 164-171.	3.3	29
11	Megakaryocyte lineageâ€specific class VI Î²â€tubulin suppresses microtubule dynamics, fragments microtubules, and blocks cell division. Cytoskeleton, 2011, 68, 175-187.	1.0	20
12	Class V Î²-tubulin alters dynamic instability andÂstimulates microtubule detachment fromÂcentrosomes. Molecular Biology of the Cell, 2011, 22, 1025-1034.	0.9	26
13	Mitotic Centromere-associated Kinesin (MCAK) Mediates Paclitaxel Resistance. Journal of Biological Chemistry, 2011, 286, 36378-36384.	1.6	37
14	Overexpression of Mitotic Centromereâ€“Associated Kinesin Stimulates Microtubule Detachment and Confers Resistance to Paclitaxel. Molecular Cancer Therapeutics, 2011, 10, 929-937.	1.9	60
15	Class III Î²-Tubulin Counteracts the Ability of Paclitaxel to Inhibit Cell Migration. Oncotarget, 2011, 2, 368-377.	0.8	33
16	Paclitaxel-Dependent Cell Lines Reveal a Novel Drug Activity. Molecular Cancer Therapeutics, 2010, 9, 2914-2923.	1.9	108
17	Human Mutations That Confer Paclitaxel Resistance. Molecular Cancer Therapeutics, 2010, 9, 327-335.	1.9	83
18	Inhibition of Cell Migration and Cell Division Correlates with Distinct Effects of Microtubule Inhibiting Drugs. Journal of Biological Chemistry, 2010, 285, 32242-32250.	1.6	137

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19	Molecular Basis for Class V Î²-Tubulin Effects on Microtubule Assembly and Paclitaxel Resistance. Journal of Biological Chemistry, 2009, 284, 13023-13032.	1.6	32
20	Tubulin isotype specificity and identification of the epitope for antibody Tub 2.1. Protein Engineering, Design and Selection, 2009, 22, 625-629.	1.0	4
21	A minor Î²â€tubulin essential for mammalian cell proliferation. Cytoskeleton, 2008, 65, 708-720.	4.4	19
22	Cell cycle dependent degradation of MCAK: Evidence against a role in anaphase chromosome movement. Cell Cycle, 2008, 7, 3187-3193.	1.3	22
23	A direct test of the hypothesis that increased microtubule network density contributes to contractile dysfunction of the hypertrophied heart. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2231-H2241.	1.5	27
24	Mechanisms of Resistance to Drugs That Interfere with Microtubule Assembly. , 2008, , 337-356.		8
25	Heightened Sensitivity to Paclitaxel in Class IVa Î²-Tubulin-transfected Cells Is Lost as Expression Increases. Journal of Biological Chemistry, 2007, 282, 27058-27066.	1.6	17
26	Amino acid substitutions at proline 220 of Î²-tubulin confer resistance to paclitaxel and colcemid. Molecular Cancer Therapeutics, 2007, 6, 2798-2806.	1.9	21
27	Mutations at Leucine 215 of Î²-Tubulin Affect Paclitaxel Sensitivity by Two Distinct Mechanismsâ€. Biochemistry, 2006, 45, 185-194.	1.2	32
28	Mutations Affecting Î²-Tubulin Folding and Degradation. Journal of Biological Chemistry, 2006, 281, 13628-13635.	1.6	31
29	Paclitaxel resistance in cells with reduced Î²-tubulin. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 245-255.	1.9	32
30	Î²III-Tubulin Induces Paclitaxel Resistance in Association with Reduced Effects on Microtubule Dynamic Instability. Journal of Biological Chemistry, 2005, 280, 12902-12907.	1.6	230
31	A Ubiquitous Î²-tubulin Disrupts Microtubule Assembly and Inhibits Cell Proliferation. Molecular Biology of the Cell, 2004, 15, 3123-3131.	0.9	89
32	Intra-Allelic Suppression of a Mutation that Stabilizes Microtubules and Confers Resistance to Colcemidâ€. Biochemistry, 2004, 43, 8965-8973.	1.2	27
33	Expression of class III ?-tubulin reduces microtubule assembly and confers resistance to paclitaxel. Cytoskeleton, 2003, 56, 45-56.	4.4	132
34	Mutations in alpha- and beta-tubulin that stabilize microtubules and confer resistance to colcemid and vinblastine. Molecular Cancer Therapeutics, 2003, 2, 597-605.	1.9	79
35	Paclitaxel-dependent mutants have severely reduced microtubule assembly and reduced tubulin synthesis. Journal of Cell Science, 2002, 115, 3469-3478.	1.2	49
36	Paclitaxel-dependent mutants have severely reduced microtubule assembly and reduced tubulin synthesis. Journal of Cell Science, 2002, 115, 3469-78.	1.2	44

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37	Factors determining cellular mechanisms of resistance to antimitotic drugs. Drug Resistance Updates, 2001, 4, 3-8.	6.5	43
38	Effects of Orally Active Taxanes on P-Glycoprotein Modulation and Colon and Breast Carcinoma Drug Resistance. Journal of the National Cancer Institute, 2001, 93, 1234-1245.	3.0	74
39	A Î²-Tubulin Leucine Cluster Involved in Microtubule Assembly and Paclitaxel Resistance. Journal of Biological Chemistry, 1999, 274, 23875-23882.	1.6	125
40	Significant divergence in nucleotide sequences for Î²-tubulin from different laboratory strains of Chinese hamster ovary cells. DNA Sequence, 1996, 6, 171-174.	0.7	2
41	Overexpression of an epitope- tagged ?-tubulin in Chinese hamster ovary cells causes an increase in endogenous ?-tubulin synthesis. Cytoskeleton, 1995, 31, 259-272.	4.4	37
42	Resistance to antimitotic agents as genetic probes of microtubule structure and function. , 1991, 52, 159-171.		49
43	Alterations in microtubule assembly caused by the microtubule-active drug LY195448. Cytoskeleton, 1991, 19, 9-17.	4.4	2
44	Identification of methionine-containing tryptic peptides of unstable Î²-tubulin separated by reverse-phase high-performance liquid chromatography. Analytical Biochemistry, 1990, 184, 28-34.	1.1	2
45	Mechanisms by which mammalian cells acquire resistance to drugs that affect microtubule assembly. FASEB Journal, 1989, 3, 1593-1599.	0.2	71
46	Elimination of permeability mutants from selections for drug resistance in mammalian cells. FASEB Journal, 1989, 3, 163-168.	0.2	26
47	Genetic Dissection of the Assembly of Microtubules and Their Role in Mitosis. , 1984, 5, 313-340.		2
48	Revertants of a Chinese Hamster Ovary Cell Mutant with an Altered Î²-Tubulin: Evidence that the Altered Tubulin Confers Both Colcemid Resistance and Temperature Sensitivity on the Cell. Molecular and Cellular Biology, 1982, 2, 720-729.	1.1	34
49	Revertants of a Chinese Hamster Ovary Cell Mutant with an Altered Î²-Tubulin: Evidence that the Altered Tubulin Confers Both Colcemid Resistance and Temperature Sensitivity on the Cell. Molecular and Cellular Biology, 1982, 2, 720-729.	1.1	22
50	CHO mutants resistant to colchicine, colcemid or griseofulvin have an altered Î²-tubulin. Cell, 1980, 20, 29-36.	13.5	207
51	The determination of similarities in amino acid composition among proteins separated by two-dimensional gel electrophoresis. Analytical Biochemistry, 1978, 91, 548-556.	1.1	24