Mireia Dunach

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2319950/publications.pdf

Version: 2024-02-01

50
papers

3,670
citations

147566
31
h-index

174990
52
g-index

55
all docs

55
docs citations

55
times ranked

4449
citing authors

#	Article	IF	Citations
1	Glutamine-Directed Migration of Cancer-Activated Fibroblasts Facilitates Epithelial Tumor Invasion. Cancer Research, 2021, 81, 438-451.	0.4	35
2	Src and Fyn define a new signaling cascade activated by canonical and non-canonical Wnt ligands and required for gene transcription and cell invasion. Cellular and Molecular Life Sciences, 2020, 77, 919-935.	2.4	22
3	Intracellular Signals Activated by Canonical Wnt Ligands Independent of GSK3 Inhibition and Î²-Catenin Stabilization. Cells, 2019, 8, 1148.	1.8	35
4	CK 1Îµ and p120â€‘catenin control Ror2 function in noncanonical Wnt signaling. Molecular Oncology, 2018, 12, 611-629.	2.1	12
5	Activation of CK1É› by PP2A/PR61É› is required for the initiation of Wnt signaling. Oncogene, 2017, 36, 429-438.	2.6	14
6	p120-catenin in canonical Wnt signaling. Critical Reviews in Biochemistry and Molecular Biology, 2017, 52, 327-339.	2.3	23
7	Regulation of Î²-catenin structure and activity by tyrosine phosphorylation.. Journal of Biological Chemistry, 2016, 291, 11463.	1.6	1
8	Multivesicular GSK3 Sequestration upon Wnt Signaling Is Controlled by p120-Catenin/Cadherin Interaction with LRP5/6. Molecular Cell, 2014, 53, 444-457.	4.5	122
9	Akt2 interacts with Snail1 in the E-cadherin promoter. Oncogene, 2012, 31, 4022-4033.	2.6	27
10	Rac1 activation upon Wnt stimulation requires Rac1 and Vav2 binding to p120-catenin. Journal of Cell Science, 2012, 125, 5288-301.	1.2	35
11	Wnt controls the transcriptional activity of Kaiso through CK1Îµ-dependent phosphorylation of p120-catenin. Journal of Cell Science, 2011, 124, 2298-2309.	1.2	49
12	Coordinated Action of CK1 Isoforms in Canonical Wnt Signaling. Molecular and Cellular Biology, 2011, 31, 2877-2888.	1.1	69
13	A p120-cateninâ€“CK1Îµ complex regulates Wnt signaling. Journal of Cell Science, 2010, 123, 2621-2631.	1.2	67
14	Jagged1 is the pathological link between Wnt and Notch pathways in colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6315-6320.	3.3	338
15	A Novel RET Kinaseâ€“Î²-Catenin Signaling Pathway Contributes to Tumorigenesis in Thyroid Carcinoma. Cancer Research, 2008, 68, 1338-1346.	0.4	84
16	E-cadherin controls Î²-catenin and NF-ÎºB transcriptional activity in mesenchymal gene expression. Journal of Cell Science, 2008, 121, 2224-2234.	1.2	132
17	RhoAâ€“ROCK and p38MAPK-MSK1 mediate vitamin D effects on gene expression, phenotype, and Wnt pathway in colon cancer cells. Journal of Cell Biology, 2008, 183, 697-710.	2.3	102
18	Signalling by neurotrophins and hepatocyte growth factor regulates axon morphogenesis by differential Î²-catenin phosphorylation. Journal of Cell Science, 2008, 121, 2718-2730.	1.2	49

#	Article	IF	Citations
19	Gamma-Secretase-Dependent and -Independent Effects of Presenilin1 on Î²-CateninÂ·Tcf-4 Transcriptional Activity. PLoS ONE, 2008, 3, e4080.	1.1	17
20	Specific Phosphorylation of p120-Catenin Regulatory Domain Differently Modulates Its Binding to RhoA. Molecular and Cellular Biology, 2007, 27, 1745-1757.	1.1	96
21	Bcr-Abl stabilizes Î²-catenin in chronic myeloid leukemia through its tyrosine phosphorylation. EMBO Journal, 2007, 26, 1456-1466.	3.5	204
22	Presenilin-1 Interacts with Plakoglobin and Enhances Plakoglobin-Tcf-4 Association. Journal of Biological Chemistry, 2006, 281, 1401-1411.	1.6	14
23	Î²-Catenin and Plakoglobin N- and C-tails Determine Ligand Specificity. Journal of Biological Chemistry, 2004, 279, 49849-49856.	1.6	47
24	APC 3Ã—15 Î²-catenin-binding domain potentiates Î²-catenin association to TBP and upregulates TCF-4 transcriptional activity. Biochemical and Biophysical Research Communications, 2003, 309, 830-835.	1.0	5
25	p120 Catenin-Associated Fer and Fyn Tyrosine Kinases Regulate Î²-Catenin Tyr-142 Phosphorylation and Î²-Catenin-Î±-Catenin Interaction. Molecular and Cellular Biology, 2003, 23, 2287-2297.	1.1	304
26	Tyrosine Phosphorylation of Plakoglobin Causes Contrary Effects on Its Association with Desmosomes and Adherens Junction Components and Modulates Î²-Catenin-Mediated Transcription. Molecular and Cellular Biology, 2003, 23, 7391-7402.	1.1	98
27	The Transcriptional Factor Tcf-4 Contains Different Binding Sites for Î²-Catenin and Plakoglobin. Journal of Biological Chemistry, 2002, 277, 1884-1891.	1.6	106
28	Î²-Catenin N- and C-terminal Tails Modulate the Coordinated Binding of Adherens Junction Proteins to Î²-Catenin. Journal of Biological Chemistry, 2002, 277, 31541-31550.	1.6	58
29	Regulation of Î²-Catenin Structure and Activity by Tyrosine Phosphorylation. Journal of Biological Chemistry, 2001, 276, 20436-20443.	1.6	227
30	Secondary Structure Components and Properties of the Melibiose Permease from Escherichia coli: A Fourier Transform Infrared Spectroscopy Analysis. Biophysical Journal, 2000, 79, 747-755.	0.2	39
31	Regulation of E-cadherin/Catenin Association by Tyrosine Phosphorylation. Journal of Biological Chemistry, 1999, 274, 36734-36740.	1.6	533
32	Experimental and Theoretical Characterization of the High-Affinity Cation-Binding Site of the Purple Membrane. Biophysical Journal, 1998, 75, 777-784.	0.2	16
33	Nucleotide and Mg2+ Dependency of the Thermal Denaturation of Mitochondrial F1-ATPase. Biophysical Journal, 1998, 75, 1980-1988.	0.2	18
34	Liposome Solubilization and Membrane Protein Reconstitution Using Chaps and Chapso. FEBS Journal, 1997, 243, 798-804.	0.2	79
35	Effect of Nucleotides on the Thermal Stability and on the Deuteration Kinetics of the Thermophilic F0F1 ATP Synthase. FEBS Journal, 1997, 244, 441-448.	0.2	26
36	Structure and activity of membrane receptors: Modeling and computational simulation of ligand recognition in a three-dimensional model of the 5-hydroxytryptamine1A receptor. Journal of Biomedical Science, 1996, 3, 98-107.	2.6	4

#	ARTICLE	IF	CITATIONS
37	Functional reconstitution of photosystem I reaction center from cyanobacteriumSynechocystis sp PCC6803 into liposomes using a new reconstitution procedure. Journal of Bioenergetics and Biomembranes, 1996, 28, 503-515.	1.0	17
38	ATP Synthesis by the F0F1 ATP Synthase from Thermophilic Bacillus PS3 Reconstituted into Liposomes with Bacteriorhodopsin. 1. Factors Defining the Optimal Reconstitution of ATP Synthases with Bacteriorhodopsin. FEBS Journal, 1996, 235, 769-778.	0.2	59
39	ATP Synthesis by the F0F1 ATP Synthase from Thermophilic Bacillus PS3 Reconstituted into Liposomes with Bacteriorhodopsin. 2. Relationships Between Proton Motive Force and ATP Synthesis. FEBS Journal, 1996, 235, 779-788.	0.2	67
40	Influence of nucleotides on the secondary structure and on the thermal stability of mitochondrial F1visualized by infrared spectroscopy. FEBS Letters, 1995, 371, 115-118.	1.3	9
41	Uv-visible spectroscopy of bacteriorhodopsin mutants: substitution of Arg-82, Asp-85, Tyr-185, and Asp-212 results in abnormal light-dark adaptation.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 9873-9877.	3.3	56
42	Fourier-transform infrared studies on cation binding to native and modified purple membranes. Biochemistry, 1989, 28, 8940-8945.	1.2	23
43	Substitution of membrane-embedded aspartic acids in bacteriorhodopsin causes specific changes in different steps of the photochemical cycle. Biochemistry, 1989, 28, 10035-10042.	1.2	81
44	2-Hydroxy-5-nitrobenzyl bromide as a specific reagent for tryptophan residues in membrane proteins: bacteriorhodopsin as an example. Journal of Proteomics, 1988, 17, 17-23.	2.4	0
45	Characterization of the cation binding sites of the purple membrane. Electron spin resonance and flash photolysis studies. Biochemistry, 1987, 26, 1179-1186.	1.2	65
46	The relationship between the chromophore moiety and the cation binding sites in bacteriorhodopsin. Bioscience Reports, 1986, 6, 961-966.	1.1	20
47	Fourth-derivative spectrophotometry of proteins. Trends in Biochemical Sciences, 1984, 9, 508-510.	3.7	33
48	Induction of the blue form of bacteriohodopsin by low concentrations of sodium dodecyl sulfate. Biochimica Et Biophysica Acta - Biomembranes, 1984, 769, 1-7.	1.4	31
49	Fourth-Derivative Spectrophotometry Analysis of Tryptophan Environment in Proteins. Application to Melittin, Cytochrome c and Bacteriorhodopsin. FEBS Journal, 1983, 134, 123-128.	0.2	42
50	The State of Tyrosine and Phenylalanine Residues in Proteins Analyzed by Fourth-Derivative Spectrophotometry. Histone H1 and Ribonuclease A. FEBS Journal, 1982, 127, 117-122.	0.2	50