

Avrom J Caplan

List of Publications by Year in descending order

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37
papers

3,181
citations

201674

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35
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docs citations

38
times ranked

2820
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure, function and evolution of DnaJ: conservation and adaptation of chaperone function. <i>Cell Stress and Chaperones</i> , 1998, 3, 28.	2.9	528
2	YDJ1p facilitates polypeptide translocation across different intracellular membranes by a conserved mechanism. <i>Cell</i> , 1992, 71, 1143-1155.	28.9	271
3	Hsp90 Regulates Androgen Receptor Hormone Binding Affinity in Vivo. <i>Journal of Biological Chemistry</i> , 1996, 271, 28697-28702.	3.4	203
4	Molecular chaperones and protein kinase quality control. <i>Trends in Cell Biology</i> , 2007, 17, 87-92.	7.9	170
5	Hsp90's secrets unfold: new insights from structural and functional studies. <i>Trends in Cell Biology</i> , 1999, 9, 262-268.	7.9	165
6	<i>SBA1</i> Encodes a Yeast Hsp90 Cochaperone That Is Homologous to Vertebrate p23 Proteins. <i>Molecular and Cellular Biology</i> , 1998, 18, 3727-3734.	2.3	148
7	Ubr1 and Ubr2 Function in a Quality Control Pathway for Degradation of Unfolded Cytosolic Proteins. <i>Molecular Biology of the Cell</i> , 2010, 21, 2102-2116.	2.1	126
8	Hormone-dependent Transactivation by the Human Androgen Receptor Is Regulated by a dnaJ Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 5251-5257.	3.4	123
9	Control of estrogen receptor ligand binding by Hsp90. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 72, 223-230.	2.5	117
10	Apoprotein B Degradation Is Promoted by the Molecular Chaperones hsp90 and hsp70. <i>Journal of Biological Chemistry</i> , 2001, 276, 24891-24900.	3.4	117
11	C-terminal Hsp-interacting protein slows androgen receptor synthesis and reduces its rate of degradation. <i>Archives of Biochemistry and Biophysics</i> , 2003, 410, 134-140.	3.0	104
12	Cdc37 has distinct roles in protein kinase quality control that protect nascent chains from degradation and promote posttranslational maturation. <i>Journal of Cell Biology</i> , 2007, 176, 319-328.	5.2	92
13	Quality control and fate determination of Hsp90 client proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 683-688.	4.1	84
14	Sti1 and Cdc37 Can Stabilize Hsp90 in Chaperone Complexes with a Protein Kinase. <i>Molecular Biology of the Cell</i> , 2004, 15, 1785-1792.	2.1	81
15	Overexpression of Yeast Hsp110 Homolog Sse1p Suppresses ydj1-151 Thermosensitivity and Restores Hsp90-dependent Activity. <i>Molecular Biology of the Cell</i> , 2002, 13, 2760-2770.	2.1	76
16	What is a co-chaperone?. <i>Cell Stress and Chaperones</i> , 2003, 8, 105.	2.9	76
17	The Cdc37 protein kinase binding domain is sufficient for protein kinase activity and cell viability. <i>Journal of Cell Biology</i> , 2002, 159, 1051-1059.	5.2	73
18	The Type I Hsp40 Zinc Finger-like Region Is Required for Hsp70 to Capture Non-native Polypeptides from Ydj1. <i>Journal of Biological Chemistry</i> , 2005, 280, 695-702.	3.4	63

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19	A Network of Ubiquitin Ligases Is Important for the Dynamics of Misfolded Protein Aggregates in Yeast. <i>Journal of Biological Chemistry</i> , 2012, 287, 23911-23922.	3.4	63
20	Functional Interaction of Human Cdc37 with the Androgen Receptor but Not with the Glucocorticoid Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 5814-5820.	3.4	56
21	Differential In Vivo Regulation of Steroid Hormone Receptor Activation by Cdc37p. <i>Molecular Biology of the Cell</i> , 1997, 8, 2501-2509.	2.1	54
22	Hsp110 Chaperones Control Client Fate Determination in the Hsp70/Hsp90 Chaperone System. <i>Molecular Biology of the Cell</i> , 2010, 21, 1439-1448.	2.1	54
23	Identification of a Conserved Sequence Motif That Promotes Cdc37 and Cyclin D1 Binding to Cdk4. <i>Journal of Biological Chemistry</i> , 2004, 279, 12560-12564.	3.4	45
24	Domain Requirements of DnaJ-like (Hsp40) Molecular Chaperones in the Activation of a Steroid Hormone Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 34045-34052.	3.4	43
25	Oxandrolone blocks glucocorticoid signaling in an androgen receptor-dependent manner. <i>Steroids</i> , 2004, 69, 357-366.	1.8	37
26	Mutations in the Cytosolic DnaJ Homologue, YDJ1, Delay and Compromise the Efficient Translation of Heterologous Proteins in Yeast. <i>Biochemistry</i> , 1998, 37, 18045-18055.	2.5	32
27	Ydj1 Protects Nascent Protein Kinases from Degradation and Controls the Rate of Their Maturation. <i>Molecular and Cellular Biology</i> , 2008, 28, 4434-4444.	2.3	25
28	UBR1 promotes protein kinase quality control and sensitizes cells to Hsp90 inhibition. <i>Experimental Cell Research</i> , 2012, 318, 53-60.	2.6	25
29	Akt shows variable sensitivity to an Hsp90 inhibitor depending on cell context. <i>Experimental Cell Research</i> , 2007, 313, 3851-3858.	2.6	21
30	Multiple Kinases and System Robustness: A Link Between Cdc37 and Genome Integrity. <i>Cell Cycle</i> , 2007, 6, 3145-3147.	2.6	20
31	XDJ1, a gene encoding a novel non-essential DnaJ homologue from <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1994, 145, 121-124.	2.2	17
32	Role of Molecular Chaperones in Biogenesis of the Protein Kinome. <i>Methods in Molecular Biology</i> , 2011, 787, 75-81.	0.9	11
33	Uncoupling of hormone-dependence from chaperone-dependence in the L701H mutation of the androgen receptor. <i>Molecular and Cellular Endocrinology</i> , 2007, 268, 67-74.	3.2	9
34	Specificity in the actions of the UBR1 ubiquitin ligase in the degradation of nuclear receptors. <i>FEBS Open Bio</i> , 2013, 3, 394-397.	2.3	8
35	Cdc37 and protein kinase folding. , 2007, , 331-350.		3
36	Role of Cdc37 in Protein Kinase Folding. , 2007, , 326-337.		1

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37	The Chaperone And Co-Chaperone Activities of Cdc37 during Protein Kinase Maturation. , 2007, , 52-61.		0