

Ronit Pinkas-Kramarski

List of Publications by Year in descending order

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77
papers

16,647
citations

76326

40
h-index

69250

77
g-index

79
all docs

79
docs citations

79
times ranked

27599
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
4	Diversification of Neu differentiation factor and epidermal growth factor signaling by combinatorial receptor interactions.. <i>EMBO Journal</i> , 1996, 15, 2452-2467.	7.8	671
5	Cholinergic agonists and interleukin 1 regulate processing and secretion of the Alzheimer beta/A4 amyloid protein precursor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 10075-10078.	7.1	571
6	DAP-kinase-mediated phosphorylation on the BH3 domain of beclin 1 promotes dissociation of beclin 1 from Bcl-XL and induction of autophagy. <i>EMBO Reports</i> , 2009, 10, 285-292.	4.5	520
7	Differential endocytic routing of homo- and hetero-dimeric ErbB tyrosine kinases confers signaling superiority to receptor heterodimers. <i>EMBO Journal</i> , 1998, 17, 3385-3397.	7.8	341
8	Rapamycin is a neuroprotective treatment for traumatic brain injury. <i>Neurobiology of Disease</i> , 2007, 26, 86-93.	4.4	300
9	Diversification of Neu differentiation factor and epidermal growth factor signaling by combinatorial receptor interactions. <i>EMBO Journal</i> , 1996, 15, 2452-67.	7.8	282
10	Differential Interactions Between Beclin 1 and Bcl-2 Family Members. <i>Autophagy</i> , 2007, 3, 561-568.	9.1	263
11	The involvement of ErbB4 with schizophrenia: Association and expression studies. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 142-148.	1.7	226
12	Bivalence of EGF-like ligands drives the ErbB signaling network. <i>EMBO Journal</i> , 1997, 16, 4938-4950.	7.8	209
13	Closed Head Injury Induces Upregulation of Beclin 1 at the Cortical Site of Injury. <i>Journal of Neurotrauma</i> , 2005, 22, 750-762.	3.4	165
14	A subclass of tumor-inhibitory monoclonal antibodies to ErbB-2/HER2 blocks crosstalk with growth factor receptors. <i>Oncogene</i> , 1997, 14, 2099-2109.	5.9	161
15	Epiregulin Is a Potent Pan-ErbB Ligand That Preferentially Activates Heterodimeric Receptor Complexes. <i>Journal of Biological Chemistry</i> , 1998, 273, 10496-10505.	3.4	141
16	Brain neurons and glial cells express Neu differentiation factor/heregin: a survival factor for astrocytes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 9387-9391.	7.1	134
17	Neu Differentiation Factor/Neuregulin Isoforms Activate Distinct Receptor Combinations. <i>Journal of Biological Chemistry</i> , 1996, 271, 19029-19032.	3.4	132
18	ErbB Tyrosine Kinases and the Two Neuregulin Families Constitute a Ligand-Receptor Network. <i>Molecular and Cellular Biology</i> , 1998, 18, 6090-6101.	2.3	129

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19	Neuregulin Rescues PC12-ErbB4 Cells from Cell Death Induced by H ₂ O ₂ . Journal of Biological Chemistry, 2001, 276, 46379-46385.	3.4	127
20	Rapamycin increases neuronal survival, reduces inflammation and astrocyte proliferation after spinal cord injury. Molecular and Cellular Neurosciences, 2015, 68, 82-91.	2.2	120
21	Differential expression of NDF/neuregulin receptors ErbB-3 and ErbB-4 and involvement in inhibition of neuronal differentiation. Oncogene, 1997, 15, 2803-2815.	5.9	115
22	Pathogenic poxviruses reveal viral strategies to exploit the ErbB signaling network. EMBO Journal, 1998, 17, 5948-5963.	7.8	109
23	ErbB receptors and EGF-like ligands: cell lineage determination and oncogenesis through combinatorial signaling. Journal of Mammary Gland Biology and Neoplasia, 1997, 2, 97-107.	2.7	100
24	The oncogenic ErbB-2/ErbB-3 heterodimer is a surrogate receptor of the epidermal growth factor and betacellulin. Oncogene, 1998, 16, 1249-1258.	5.9	97
25	Neurodegeneration Induces Upregulation of Beclin 1. Autophagy, 2006, 2, 49-51.	9.1	96
26	Activity-dependent regulation of Neu differentiation factor/neuregulin expression in rat brain. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1888-1893.	7.1	94
27	Impaired Autophagy in APOE4 Astrocytes. Journal of Alzheimer's Disease, 2016, 51, 915-927.	2.6	94
28	ErbB-4 Activation Promotes Neurite Outgrowth in PC12 Cells. Journal of Neurochemistry, 2000, 74, 979-987.	3.9	85
29	<sc>DJ</sc> deficiency impairs autophagy and reduces alpha-synuclein phagocytosis by microglia. Journal of Neurochemistry, 2017, 143, 584-594.	3.9	85
30	Epigen, the Last Ligand of ErbB Receptors, Reveals Intricate Relationships between Affinity and Mitogenicity. Journal of Biological Chemistry, 2005, 280, 8503-8512.	3.4	83
31	Ras and autophagy in cancer development and therapy. Oncotarget, 2014, 5, 577-586.	1.8	78
32	Oncogenic Synergism between ErbB1, Nucleolin, and Mutant Ras. Cancer Research, 2011, 71, 2140-2151.	0.9	67
33	M1 Agonists for the Treatment of Alzheimer's Disease.. Annals of the New York Academy of Sciences, 1996, 777, 189-196.	3.8	64
34	Cloned M1 muscarinic receptors mediate both adenylate cyclase inhibition and phosphoinositide turnover.. EMBO Journal, 1988, 7, 3031-3035.	7.8	63
35	Altered mitochondrial dynamics and function in APOE4-expressing astrocytes. Cell Death and Disease, 2020, 11, 578.	6.3	58
36	ErbB-3 mediates differential mitogenic effects of NDF/hereregulin isoforms on mouse keratinocytes. Oncogene, 1995, 10, 1403-11.	5.9	58

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37	Identification of Nucleolin as New ErbB Receptors- Interacting Protein. PLoS ONE, 2008, 3, e2310.	2.5	54
38	ErbB-4 activation inhibits apoptosis in PC12 cells. Neuroscience, 2001, 107, 353-362.	2.3	46
39	Activation of Muscarinic Receptors Inhibits Apoptosis in PC12M1 Cells. Journal of Neurochemistry, 2002, 64, 2491-2499.	3.9	46
40	Growth Factor- Like Effects Mediated by Muscarinic Receptors in PC12M1 Cells. Journal of Neurochemistry, 1992, 59, 2158-2166.	3.9	46
41	Ras inhibition results in growth arrest and death of androgen-dependent and androgen-independent prostate cancer cells. Biochemical Pharmacology, 2006, 72, 427-436.	4.4	46
42	Closed Head Injury Induces Up-Regulation of ErbB-4 Receptor at the Site of Injury. Molecular and Cellular Neurosciences, 2000, 16, 597-608.	2.2	41
43	Neuregulin induces sustained reactive oxygen species generation to mediate neuronal differentiation. Cellular and Molecular Neurobiology, 2001, 21, 753-769.	3.3	41
44	Ras inhibition enhances autophagy, which partially protects cells from death. Oncotarget, 2013, 4, 142-152.	1.8	35
45	The Effects of APOE4 on Mitochondrial Dynamics and Proteins in vivo. Journal of Alzheimer's Disease, 2019, 70, 861-875.	2.6	34
46	Neuregulins Rescue PC12-ErbB-4 Cells From Cell Death Induced by β -Amyloid Peptide: Involvement of PI3K and PKC. Journal of Molecular Neuroscience, 2005, 26, 057-070.	2.3	30
47	Beclin 1 self-association is independent of autophagy induction by amino acid deprivation and rapamycin treatment. Journal of Cellular Biochemistry, 2010, 110, 1262-1271.	2.6	30
48	Disrupting the Oncogenic Synergism between Nucleolin and Ras Results in Cell Growth Inhibition and Cell Death. PLoS ONE, 2013, 8, e75269.	2.5	30
49	Interfering with the interaction between ErbB1, nucleolin and Ras as a potential treatment for glioblastoma. Oncotarget, 2014, 5, 8602-8613.	1.8	30
50	Autophagy induction in the treatment of Alzheimer's disease. Drug Development Research, 2020, 81, 184-193.	2.9	29
51	Structure-Function Analysis of Nucleolin and ErbB Receptors Interactions. PLoS ONE, 2009, 4, e6128.	2.5	29
52	Nucleolin-binding by ErbB2 enhances tumorigenicity of ErbB2-positive breast cancer. Oncotarget, 2016, 7, 65320-65334.	1.8	29
53	Cloned rat M3 muscarinic receptors mediate phosphoinositide hydrolysis but not adenylate cyclase inhibition. FEBS Letters, 1988, 239, 174-178.	2.8	26
54	Indications for selective coupling to phosphoinositide hydrolysis or to adenylate cyclase inhibition by endogenous muscarinic receptor subtypes M3 and M4 but not by M2 in tumor cell lines. Neuroscience Letters, 1990, 108, 335-340.	2.1	26

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55	Nucleolin and ErbB2 inhibition reduces tumorigenicity of ErbB2-positive breast cancer. <i>Cell Death and Disease</i> , 2018, 9, 47.	6.3	26
56	ErbB4 Activation Inhibits MPP ⁺ -Induced Cell Death In PC12-ErbB4 Cells: Involvement of PI3K and Erk Signaling. <i>Journal of Molecular Neuroscience</i> , 2006, 29, 257-268.	2.3	24
57	Blood Glutamate Scavenger as a Novel Neuroprotective Treatment in Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2581-2590.	3.4	24
58	Neuregulin promotes autophagic cell death of prostate cancer cells. <i>Prostate</i> , 2003, 55, 147-157.	2.3	22
59	The Interplay Between Apolipoprotein E4 and the Autophagic-Endocytic-Lysosomal Axis. <i>Molecular Neurobiology</i> , 2018, 55, 6863-6880.	4.0	21
60	NGF-dependent neurotrophic-like effects of AF102B, an M1 Muscarinic agonist, in PC12M1 cells. <i>NeuroReport</i> , 1995, 6, 485-488.	1.2	19
61	Epizootic Hemorrhagic Disease Virus Induces and Benefits from Cell Stress, Autophagy, and Apoptosis. <i>Journal of Virology</i> , 2013, 87, 13397-13408.	3.4	19
62	Neuregulin Promotes Incomplete Autophagy of Prostate Cancer Cells That Is Independent of mTOR Pathway Inhibition. <i>PLoS ONE</i> , 2012, 7, e36828.	2.5	18
63	Chloroquine synergizes with FTS to enhance cell growth inhibition and cell death. <i>Oncotarget</i> , 2014, 5, 173-184.	1.8	15
64	Postnatal changes in muscarinic receptor subtype mRNAs in rat brain and heart. <i>Journal of Molecular Neuroscience</i> , 1989, 1, 209-13.	2.3	14
65	Cloned M1 muscarinic receptors mediate both adenylate cyclase inhibition and phosphoinositide turnover. <i>EMBO Journal</i> , 1988, 7, 3031-5.	7.8	12
66	EGF receptor family: twisting targets for improved cancer therapies. <i>Growth Factors</i> , 2014, 32, 74-81.	1.7	10
67	Ligand-independent regulation of ErbB4 receptor phosphorylation by activated ras. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 1482-1494.	2.6	9
68	Decreased anti-regenerative effects after spinal cord injury in <i>spry4^{Δ⁺/Δ⁺}</i> mice. <i>Neuroscience</i> , 2015, 287, 104-112.	2.3	8
69	Enhancing FTS (Salirasib) efficiency via combinatorial treatment. <i>Biology of the Cell</i> , 2015, 107, 130-143.	2.0	7
70	Autophagy is induced and modulated by cholesterol depletion through transcription of autophagy-related genes and attenuation of flux. <i>Cell Death Discovery</i> , 2021, 7, 320.	4.7	6
71	Nucleolin inhibitor GroA triggers reduction in epidermal growth factor receptor activation: Pharmacological implication for glial scarring after spinal cord injury. <i>Journal of Neurochemistry</i> , 2016, 138, 845-858.	3.9	5
72	Continuous treatment with FTS confers resistance to apoptosis and affects autophagy. <i>PLoS ONE</i> , 2017, 12, e0171351.	2.5	4

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73	ErbB Tyrosine Kinases and the Two Neuregulin Families Constitute a Ligand-Receptor Network. <i>Molecular and Cellular Biology</i> , 1998, 18, 7602-7602.	2.3	3
74	Inhibition of Ras GTPases prevents Collagen-Induced Arthritis by Reducing the Generation of Pathogenic CD4 ⁺ T Cells and the Hyposialylation of Autoantibodies. <i>ACR Open Rheumatology</i> , 2020, 2, 512-524.	2.1	2
75	The interplay between Ras, Autophagy and cancer. <i>Advances in Cancer Biology Metastasis</i> , 2021, 3, 100014.	2.0	2
76	The crosstalk between ErbB1 and nucleolin. <i>Communicative and Integrative Biology</i> , 2009, 2, 523-525.	1.4	1
77	Inhibition of ErbB Receptors and Autophagy in Cancer Therapy. , 2015, , 65-80.		1