

# Usha Gundimeda

## List of Publications by Year in descending order

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32  
papers

1,378  
citations

331670

21  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tamoxifen Modulates Protein Kinase C via Oxidative Stress in Estrogen Receptor-negative Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 13504-13514.	3.4	147
2	Estrogen activates protein kinase C in neurons: role in neuroprotection. <i>Journal of Neurochemistry</i> , 2003, 84, 1340-1348.	3.9	114
3	Irreversible oxidative inactivation of protein kinase C by photosensitive inhibitor calphostin C. <i>FEBS Letters</i> , 1992, 314, 149-154.	2.8	85
4	Cancer-Preventive Selenocompounds Induce a Specific Redox Modification of Cysteine-Rich Regions in Ca <sup>2+</sup> -Dependent Isoenzymes of Protein Kinase C. <i>Archives of Biochemistry and Biophysics</i> , 1997, 348, 25-36.	3.0	80
5	Selenocompounds Induce a Redox Modulation of Protein Kinase C in the Cell, Compartmentally Independent from Cytosolic Glutathione: Its Role in Inhibition of Tumor Promotion. <i>Archives of Biochemistry and Biophysics</i> , 1997, 348, 37-48.	3.0	78
6	Green Tea Polyphenols Precondition against Cell Death Induced by Oxygen-Glucose Deprivation via Stimulation of Laminin Receptor, Generation of Reactive Oxygen Species, and Activation of Protein Kinase C $\beta$ . <i>Journal of Biological Chemistry</i> , 2012, 287, 34694-34708.	3.4	60
7	Green tea catechins potentiate the neuritogenic action of brain-derived neurotrophic factor: Role of 67-kDa laminin receptor and hydrogen peroxide. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 218-224.	2.1	60
8	Hypericin inhibits cell growth and induces apoptosis in retinal pigment epithelial cells: possible involvement of protein kinase C. <i>Current Eye Research</i> , 1996, 15, 255-262.	1.5	57
9	Green tea polyphenols potentiate the action of nerve growth factor to induce neuritogenesis: Possible role of reactive oxygen species. <i>Journal of Neuroscience Research</i> , 2010, 88, 3644-3655.	2.9	54
10	Role of Protein Kinase C in Basal and Hydrogen Peroxide-Stimulated NF- $\kappa$ B Activation in the Murine Macrophage J774A.1 Cell Line. <i>Archives of Biochemistry and Biophysics</i> , 1998, 350, 79-86.	3.0	51
11	Migration of retinal pigment epithelium cells in vitro is regulated by protein kinase C. <i>Experimental Eye Research</i> , 1995, 60, 683-695.	2.6	50
12	Locally Generated Methylseleninic Acid Induces Specific Inactivation of Protein Kinase C Isoenzymes. <i>Journal of Biological Chemistry</i> , 2008, 283, 34519-34531.	3.4	47
13	Rapid filtration assays for protein kinase C activity and phorbol ester binding using multiwell plates with fitted filtration discs. <i>Analytical Biochemistry</i> , 1992, 206, 24-35.	2.4	46
14	[14] Modifications of cysteine-rich regions in protein kinase C induced by oxidant tumor promoters and enzyme-specific inhibitors. <i>Methods in Enzymology</i> , 1995, 252, 132-146.	1.0	46
15	A Direct Redox Regulation of Protein Kinase C Isoenzymes Mediates Oxidant-induced Neuritogenesis in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 14430-14444.	3.4	41
16	Protein Kinase C as a Molecular Target for Cancer Prevention by Selenocompounds. <i>Nutrition and Cancer</i> , 2001, 40, 55-63.	2.0	34
17	Polyphenols from green tea prevent antineuritogenic action of Nogo $\beta$ via $\alpha$ 6 laminin receptor and hydrogen peroxide. <i>Journal of Neurochemistry</i> , 2015, 132, 70-84.	3.9	28
18	Verapamil Inhibits Proliferation, Migration and Protein Kinase C Activity in Human Retinal Pigment Epithelial Cells. <i>Experimental Eye Research</i> , 1998, 67, 45-52.	2.6	27

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19	Nonphorbol tumor promoters okadaic acid and calyculin-A induce membrane translocation of protein kinase C. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 950-957.	2.1	26
20	Differential distribution of protein phosphatase 2A in human breast carcinoma cell lines and its relation to estrogen receptor status. <i>Cancer Letters</i> , 1999, 136, 143-151.	7.2	22
21	Hypericin inhibits choroidal endothelial cell proliferation and cord formation in vitro. <i>Current Eye Research</i> , 1997, 16, 967-972.	1.5	20
22	Redox regulation of protein kinase C by selenometabolites and selenoprotein thioredoxin reductase limits cancer prevention by selenium. <i>Free Radical Biology and Medicine</i> , 2018, 127, 55-61.	2.9	18
23	Tumor Promoter Benzoyl Peroxide Induces Sulfhydryl Oxidation in Protein Kinase C: Its Reversibility Is Related to the Cellular Resistance to Peroxide-Induced Cytotoxicity. <i>Archives of Biochemistry and Biophysics</i> , 1999, 363, 246-258.	3.0	17
24	The synthetic estrogen 4-estren-3 $\beta$ ,17 $\beta$ -diol (estren) induces estrogen-like neuroprotection. <i>Neurobiology of Disease</i> , 2005, 19, 331-339.	4.4	16
25	Role of Neuropilin-1/Semaphorin-3A signaling in the functional and morphological integrity of the cochlea. <i>PLoS Genetics</i> , 2017, 13, e1007048.	3.5	16
26	Negation of the cancer-preventive actions of selenium by over-expression of protein kinase C $\alpha$ and selenoprotein thioredoxin reductase. <i>Carcinogenesis</i> , 2009, 30, 1553-1561.	2.8	15
27	Laminin-1 induces endocytosis of 67KDa laminin receptor and protects Neuroscreen-1 cells against death induced by serum withdrawal. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 230-237.	2.1	15
28	Imbalance in Protein Thiol Redox Regulation and Cancer-Preventive Efficacy of Selenium. , 2016, 2, 272-289.		9
29	Methods for Studying Oxidative Regulation of Protein Kinase C. <i>Methods in Enzymology</i> , 2013, 528, 79-98.	1.0	6
30	Protein Kinase C as a Sensor for Oxidative Stress in Tumor Promotion and Chemoprevention. , 1997, , 157-180.		3
31	Counteraction of Nogo-A and axonal growth inhibitors by green tea polyphenols and other natural products. <i>Neural Regeneration Research</i> , 2016, 11, 545.	3.0	3
32	P1 $\alpha$ 203: 67KDA LAMININ RECEPTOR AS A MOLECULAR TARGET FOR GREEN TEA POLYPHENOL EPIGALLOCATECHIN $\beta$ -GALLATE AGAINST $\beta$ -AMYLOID $\beta$ -INDUCED NEURONAL CELL DEATH. <i>Alzheimer's and Dementia</i> , 2018, 14, P357.	0.8	0