Susan A Rotenberg

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5563102/publications.pdf

Version: 2024-02-01

45 papers	2,198 citations	236612 25 h-index	264894 42 g-index
45 all docs	45 docs citations	45 times ranked	2125 citing authors

#	Article	IF	Citations
1	Phosphomimetic Mutation at Ser165 of Î±-Tubulin Promotes the Persistence of GTP Caps in Microtubules. Biochemistry, 2022, 61, 1508-1516.	1.2	1
2	Resistive-Pulse Sensing Inside Single Living Cells. Journal of the American Chemical Society, 2020, 142, 5778-5784.	6.6	90
3	Electrochemical Measurements of Reactive Oxygen and Nitrogen Species inside Single Phagolysosomes of Living Macrophages. Journal of the American Chemical Society, 2019, 141, 4564-4568.	6.6	117
4	Phosphorylation state of Ser165 in Î±-tubulin is a toggle switch that controls proliferating human breast tumors. Cellular Signalling, 2018, 52, 74-82.	1.7	5
5	Direct Electrochemical Measurements of Reactive Oxygen and Nitrogen Species in Nontransformed and Metastatic Human Breast Cells. Journal of the American Chemical Society, 2017, 139, 13055-13062.	6.6	162
6	Anti-tumor properties of cis-resveratrol methylated analogs in metastatic mouse melanoma cells. Molecular and Cellular Biochemistry, 2015, 402, 83-91.	1.4	21
7	Heterometallic titaniumâ€“gold complexes inhibit renal cancer cells in vitro and in vivo. Chemical Science, 2015, 6, 5269-5283.	3.7	100
8	Dequalinium blocks macrophage-induced metastasis following local radiation. Oncotarget, 2015, 6, 27537-27554.	0.8	34
9	A Protein Kinase Câ€Activated Motility Signaling Pathway in Human Breast Cells. FASEB Journal, 2015, 29, 893.17.	0.2	0
10	Export of a single drug molecule in two transport cycles by a multidrug efflux pump. Nature Communications, 2014, 5, 4615.	5.8	28
11	Phosphorylation of Cdc42 Effector Protein-4 (CEP4) by Protein Kinase C Promotes Motility of Human Breast Cells. Journal of Biological Chemistry, 2014, 289, 25844-25854.	1.6	15
12	Phosphorylation of Î±â€tubulin by protein kinase C stimulates microtubule dynamics in human breast cells. Cytoskeleton, 2014, 71, 257-272.	1.0	21
13	Development of a highly potent, selective, and cell-active Inhibitor of cysteine cathepsin Lâ€“A hybrid design approach. Chemical Communications, 2014, 50, 10875.	2.2	7
14	Platinized carbon nanoelectrodes as potentiometric and amperometric SECM probes. Journal of Solid State Electrochemistry, 2013, 17, 2971-2977.	1.2	37
15	Development of cell-active non-peptidyl inhibitors of cysteine cathepsins. Bioorganic and Medicinal Chemistry, 2013, 21, 2975-2987.	1.4	16
16	Analysis of Substrates of Protein Kinase C Isoforms in Human Breast Cells by the Traceable Kinase Method. Biochemistry, 2012, 51, 7087-7097.	1.2	7
17	PhosphoMARCKS drives motility of mouse melanoma cells. Cellular Signalling, 2010, 22, 1097-1103.	1.7	43
18	Selective targeting of neuroblastoma tumourâ€initiating cells by compounds identified in stem cellâ€based small molecule screens. EMBO Molecular Medicine, 2010, 2, 371-384.	3.3	62

#	Article	IF	Citations
19	PKCÎ± activation down-regulates ATM and radio-sensitizes androgen-sensitive human prostate cancer cells in vitro and in vivo. Cancer Biology and Therapy, 2009, 8, 54-63.	1.5	18
20	Phosphorylation of Î±6-Tubulin by Protein Kinase CÎ± Activates Motility of Human Breast Cells. Journal of Biological Chemistry, 2009, 284, 17648-17656.	1.6	34
21	Conformationally Constrained Analogues of Diacylglycerol. 29. Cells Sort Diacylglycerol-Lactone Chemical Zip Codes to Produce Diverse and Selective Biological Activities. Journal of Medicinal Chemistry, 2008, 51, 5198-5220.	2.9	40
22	Nanoelectrochemistry of mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 443-448.	3.3	207
23	Electrochemical attosyringe. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11895-11900.	3.3	161
24	Design and Characterization of a Traceable Protein Kinase CÎ±,. Biochemistry, 2007, 46, 2364-2370.	1.2	10
25	Inhibition of protein kinase C by dequalinium analogues: Structureâ€“activity studies on head group variations. Bioorganic and Medicinal Chemistry, 2006, 14, 7796-7803.	1.4	18
26	Immunohistochemical Analysis of Advanced Human Breast Carcinomas Reveals Downregulation of Protein Kinase CÎ±. Journal of Histochemistry and Cytochemistry, 2004, 52, 419-422.	1.3	58
27	Scanning Electrochemical Microscopy: Detection of Human Breast Cancer Cells by Redox Environment. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 375-382.	1.0	33
28	Scanning Electrochemical Microscopy of Living Cells. 5. Imaging of Fields of Normal and Metastatic Human Breast Cells. Analytical Chemistry, 2003, 75, 4148-4154.	3.2	79
29	[10] Probing redox activity of human breast cells by scanning electrochemical microscopy. Methods in Enzymology, 2002, 352, 112-122.	0.4	9
30	Scanning Electrochemical Microscopy of Living Cells. 4. Mechanistic Study of Charge Transfer Reactions in Human Breast Cells. Analytical Chemistry, 2002, 74, 6340-6348.	3.2	63
31	Scanning electrochemical microscopy of living cells. Journal of Electroanalytical Chemistry, 2001, 500, 590-597.	1.9	94
32	Photo-Induced Inactivation of Protein Kinase CÎ± by Dequalinium Inhibits Motility of Murine Melanoma Cells. Molecular Pharmacology, 2000, 58, 729-737.	1.0	28
33	Scanning electrochemical microscopy of living cells: Different redox activities of nonmetastatic and metastatic human breast cells. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9855-9860.	3.3	185
34	Inhibition of Protein Kinase CÎ± by Dequalinium Analogues:Â Dependence on Linker Length and Geometry. Journal of Medicinal Chemistry, 2000, 43, 1413-1417.	2.9	27
35	Photoinduced Inactivation of Protein Kinase C by Dequalinium Identifies the RACK-1-binding Domain as a Recognition Site. Journal of Biological Chemistry, 1998, 273, 2390-2395.	1.6	32
36	Deletion analysis of protein kinase c inactivation by calphostin C. Molecular Carcinogenesis, 1995, 12, 42-49.	1.3	42

#	Article	IF	Citations
37	Dynamics of the internalization of phosphodiester oligodeoxynucleotides in HL60 cells. Biochemistry, 1993, 32, 4855-4861.	1.2	163
38	Mechanistic Aspects of the Interaction of Polyanionic Oligodeoxynucleotides with HL60 Cells. Annals of the New York Academy of Sciences, 1992, 660, 313-314.	1.8	1
39	Two polychlorinated hydrocarbons cause phospholipid-dependent protein kinase C activation in vitro in the absence of calcium. Molecular Carcinogenesis, 1991, 4, 477-481.	1.3	2
40	A self-assembling protein kinase C inhibitor.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2490-2494.	3.3	34
41	Protein Kinase C in Neoplastic Cells. , 1991, , 25-73.		13
42	Inactivation of soybean lipoxygenase 1 by 12-iodo-cis-9-octadecenoic acid. Biochemistry, 1988, 27, 8813-8818.	1.2	10
43	Oncogene Proteins and the Insulin Receptor. Cancer Investigation, 1986, 4, 445-460.	0.6	0
44	Inhibition of soybean lipoxygenase 1 by N-alkylhydroxylamines. Biochemistry, 1985, 24, 1826-1830.	1.2	66
45	Glycogen metabolism in normal liver and Morris Hepatoma 7787 in meal-fed rat. International Journal of Biochemistry & Cell Biology, 1980, 12, 371-378.	0.8	5