Sanjay Awasthi

List of Publications by Year in descending order

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239	10,255	29994 54	46693 89
papers	citations	h-index	g-index

242	242	242	8976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative stress and dietary phytochemicals: Role in cancer chemoprevention and treatment. Cancer Letters, 2018, 413, 122-134.	3.2	400
2	Naturally Occurring Human Glutathione S-transferase GSTP1-1 Isoforms with Isoleucine and Valine in Position 104 Differ in Enzymic Properties. FEBS Journal, 1994, 224, 893-899.	0.2	389
3	Antioxidant Role of GlutathioneS-Transferases: Protection Against Oxidant Toxicity and Regulation of Stress-Mediated Apoptosis. Antioxidants and Redox Signaling, 2004, 6, 289-300.	2.5	276
4	Role of Glutathione S-Transferases in Protection against Lipid Peroxidation. Journal of Biological Chemistry, 2001, 276, 19220-19230.	1.6	271
5	Regulation of 4-hydroxynonenal-mediated signaling by glutathione S-transferases. Free Radical Biology and Medicine, 2004, 37, 607-619.	1.3	216
6	Lipid peroxidation and cell cycle signaling: 4-hydroxynonenal, a key molecule in stress mediated signaling.. Acta Biochimica Polonica, 2003, 50, 319-336.	0.3	212
7	Mechanisms of anticarcinogenic properties of curcumin: the effect of curcumin on glutathione linked detoxification enzymes in rat liver. International Journal of Biochemistry and Cell Biology, 1998, 30, 445-456.	1.2	208
8	Accelerated Metabolism and Exclusion of 4-Hydroxynonenal through Induction of RLIP76 and hGST5.8 Is an Early Adaptive Response of Cells to Heat and Oxidative Stress. Journal of Biological Chemistry, 2001, 276, 41213-41223.	1.6	164
9	Novel Function of Human RLIP76:Â ATP-Dependent Transport of Glutathione Conjugates and Doxorubicinâ€. Biochemistry, 2000, 39, 9327-9334.	1.2	163
10	Role of 4-hydroxynonenal in stress-mediated apoptosis signaling. Molecular Aspects of Medicine, 2003, 24, 219-230.	2.7	156
11	Antioxidant role of glutathione S-transferases: 4-Hydroxynonenal, a key molecule in stress-mediated signaling. Toxicology and Applied Pharmacology, 2015, 289, 361-370.	1.3	152
12	Physiological role of mGSTA4-4, a glutathione S-transferase metabolizing 4-hydroxynonenal: generation and analysis of mGsta4 null mouse. Toxicology and Applied Pharmacology, 2004, 194, 296-308.	1.3	133
13	Mitogenic Responses of Vascular Smooth Muscle Cells to Lipid Peroxidation-derived Aldehyde 4-Hydroxy-trans-2-nonenal (HNE). Journal of Biological Chemistry, 2006, 281, 17652-17660.	1.6	132
14	Curcumin protects against 4-hydroxy-2-trans-nonenalâ€“induced cataract formation in rat lenses. American Journal of Clinical Nutrition, 1996, 64, 761-766.	2.2	119
15	Effects of mGST A4 Transfection on 4-Hydroxynonenal-Mediated Apoptosis and Differentiation of K562 Human Erythroleukemia Cells. Archives of Biochemistry and Biophysics, 1999, 372, 29-36.	1.4	117
16	Interactions of glutathione S-transferase-Ï€ with ethacrynic acid and its glutathione conjugate. BBA - Proteins and Proteomics, 1993, 1164, 173-178.	2.1	116
17	Glutathione S-transferases of human lung: Characterization and evaluation of the protective role of the Î±-class isozymes against lipid peroxidation. Archives of Biochemistry and Biophysics, 1992, 299, 232-241.	1.4	114
18	The Role of Human Glutathione S-Transferases hGSTA1-1 and hGSTA2-2 in Protection against Oxidative Stress. Archives of Biochemistry and Biophysics, 1999, 367, 216-224.	1.4	114

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19	Transfection of mGSTA4 in HL-60 Cells Protects against 4-Hydroxynonenal-Induced Apoptosis by Inhibiting JNK-Mediated Signaling. Archives of Biochemistry and Biophysics, 2001, 392, 197-207.	1.4	114
20	Aldose Reductase Regulates Growth Factor-Induced Cyclooxygenase-2 Expression and Prostaglandin E2 Production in Human Colon Cancer Cells. Cancer Research, 2006, 66, 9705-9713.	0.4	113
21	Adenosine triphosphate-dependent transport of doxorubicin, daunomycin, and vinblastine in human tissues by a mechanism distinct from the P-glycoprotein.. Journal of Clinical Investigation, 1994, 93, 958-965.	3.9	112
22	Transport of glutathione conjugates and chemotherapeutic drugs by RLIP76 (RALBP1): A novel link between G-protein and tyrosine kinase signaling and drug resistance. International Journal of Cancer, 2003, 106, 635-646.	2.3	110
23	Curcuminâ€“glutathione interactions and the role of human glutathione S-transferase P1-1. Chemico-Biological Interactions, 2000, 128, 19-38.	1.7	107
24	Several Closely Related Glutathione S-Transferase Isozymes Catalyzing Conjugation of 4-Hydroxynonenal Are Differentially Expressed in Human Tissues. Archives of Biochemistry and Biophysics, 1994, 311, 242-250.	1.4	102
25	Regression of Melanoma in a Murine Model by RLIP76 Depletion. Cancer Research, 2006, 66, 2354-2360.	0.4	97
26	Regression of Lung and Colon Cancer Xenografts by Depleting or Inhibiting RLIP76 (Ral-Binding Protein) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	97
27	Anti-cancer effects of novel flavonoid vicenin-2 as a single agent and in synergistic combination with docetaxel in prostate cancer. Biochemical Pharmacology, 2011, 82, 1100-1109.	2.0	97
28	Self-regulatory role of 4-hydroxynonenal in signaling for stress-induced programmed cell death. Free Radical Biology and Medicine, 2008, 45, 111-118.	1.3	96
29	Mechanisms of 4-Hydroxy-2-nonenal Induced Pro- and Anti-Apoptotic Signaling. Biochemistry, 2010, 49, 6263-6275.	1.2	95
30	Regulation of 4â€Hydroxynonenal Mediated Signaling By Glutathione Sâ€Transferases. Methods in Enzymology, 2005, 401, 379-407.	0.4	93
31	4-Hydroxynonenal induces p53-mediated apoptosis in retinal pigment epithelial cells. Archives of Biochemistry and Biophysics, 2008, 480, 85-94.	1.4	92
32	RLIP76 Is a Major Determinant of Radiation Sensitivity. Cancer Research, 2005, 65, 6022-6028.	0.4	85
33	RLIP76, a Novel Transporter Catalyzing ATP-Dependent Efflux of Xenobiotics. Drug Metabolism and Disposition, 2002, 30, 1300-1310.	1.7	84
34	Cells Preconditioned with Mild, Transient UVA Irradiation Acquire Resistance to Oxidative Stress and UVA-induced Apoptosis. Journal of Biological Chemistry, 2003, 278, 41380-41388.	1.6	84
35	Active Site Architecture of Polymorphic Forms of Human GlutathioneS-Transferase P1-1 Accounts for Their Enantioselectivity and Disparate Activity in the Glutathione Conjugation of 7Î²,8Î±-Dihydroxy-9Î±, 10Î±-oxy-7,8,9,10-tetrahydrobenzo(a)pyrene. Biochemical and Biophysical Research Communications, 1997, 235, 424-428.	1.0	82
36	Mechanism of Differential Catalytic Efficiency of Two Polymorphic Forms of Human GlutathioneS-Transferase P1-1 in the Glutathione Conjugation of Carcinogenic Diol Epoxide of Chrysene. Archives of Biochemistry and Biophysics, 1997, 345, 32-38.	1.4	78

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37	Dietary curcumin prevents ocular toxicity of naphthalene in rats. Toxicology Letters, 2000, 115, 195-204.	0.4	78
38	RLIP76 and Cancer. Clinical Cancer Research, 2008, 14, 4372-4377.	3.2	76
39	RLIP76, a non-ABC transporter, and drug resistance in epilepsy. BMC Neuroscience, 2005, 6, 61.	0.8	74
40	Depletion of RLIP76 sensitizes lung cancer cells to doxorubicin. Biochemical Pharmacology, 2005, 70, 481-488.	2.0	70
41	Induction of glutathioneS-transferase Ï€ as a bioassay for the evaluation of potency of inhibitors of benzo(a)pyrene-induced cancer in a murine model. , 1997, 73, 897-902.		69
42	Notch signaling in breast cancer: From pathway analysis to therapy. Cancer Letters, 2019, 461, 123-131.	3.2	69
43	The sensors and regulators of cellâ€“matrix surveillance in anoikis resistance of tumors. International Journal of Cancer, 2011, 128, 743-752.	2.3	68
44	Increased Resistance to Oxidative Stress in Transfected Cultured Cells Overexpressing GlutathioneS-Transferase mGSTA4-4. Toxicology and Applied Pharmacology, 1997, 143, 221-229.	1.3	66
45	RLIP76 Is the Major ATP-Dependent Transporter of Glutathione-Conjugates and Doxorubicin in Human Erythrocytes. Archives of Biochemistry and Biophysics, 2001, 391, 171-179.	1.4	66
46	Functional Reassembly of ATP-Dependent Xenobiotic Transport by the N- and C-Terminal Domains of RLIP76 and Identification of ATP Binding Sequences. Biochemistry, 2001, 40, 4159-4168.	1.2	66
47	Activity of Allelic Variants of Pi Class Human Glutathione S-Transferase Toward Chlorambucil. Biochemical and Biophysical Research Communications, 2000, 278, 258-262.	1.0	65
48	Sulforaphane potentiates anticancer effects of doxorubicin and attenuates its cardiotoxicity in a breast cancer model. PLoS ONE, 2018, 13, e0193918.	1.1	65
49	Sulforaphane prevents ageâ€associated cardiac and muscular dysfunction through Nrf2 signaling. Aging Cell, 2020, 19, e13261.	3.0	64
50	RLIP76 transports vinorelbine and mediates drug resistance in non-small cell lung cancer. Cancer Research, 2005, 65, 991-8.	0.4	64
51	4-Hydroxynonenal Self-Limits Fas-Mediated DISC-Independent Apoptosis by Promoting Export of Daxx from the Nucleus to the Cytosol and Its Binding to Fas. Biochemistry, 2008, 47, 143-156.	1.2	63
52	RLIP76: A Target for Kidney Cancer Therapy. Cancer Research, 2009, 69, 4244-4251.	0.4	62
53	Membrane Association of Glutathione S-Transferase mGSTA4-4, an Enzyme That Metabolizes Lipid Peroxidation Products. Journal of Biological Chemistry, 2002, 277, 4232-4239.	1.6	60
54	Two Distinct 4-Hydroxynonenal Metabolizing Glutathione S-Transferase Isozymes Are Differentially Expressed in Human Tissues. Biochemical and Biophysical Research Communications, 2001, 282, 1268-1274.	1.0	59

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55	Regression of Lung Cancer by Hypoxia-Sensitizing Ruthenium Polypyridyl Complexes. Molecular Cancer Therapeutics, 2013, 12, 643-653.	1.9	57
56	Transfection with 4-hydroxynonenal-metabolizing glutathione S-transferase isozymes leads to phenotypic transformation and immortalization of adherent cells. FEBS Journal, 2004, 271, 1690-1701.	0.2	56
57	A novel glutathione S-transferase isozyme similar to GST 8-8 of rat and mGSTA4-4 (GST 5.7) of mouse is selectively expressed in human tissues. BBA - Proteins and Proteomics, 1994, 1204, 279-286.	2.1	55
58	Regression of prostate cancer xenografts by RLIP76 depletion. Biochemical Pharmacology, 2009, 77, 1074-1083.	2.0	55
59	LR-90 prevents methylglyoxal-induced oxidative stress and apoptosis in human endothelial cells. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 776-788.	2.2	55
60	Aldose reductase inhibitor increases doxorubicin-sensitivity of colon cancer cells and decreases cardiotoxicity. Scientific Reports, 2017, 7, 3182.	1.6	55
61	Glutathione-Conjugate Transport by RLIP76 Is Required for Clathrin-Dependent Endocytosis and Chemical Carcinogenesis. Molecular Cancer Therapeutics, 2011, 10, 16-28.	1.9	54
62	Rlip76 transports sunitinib and sorafenib and mediates drug resistance in kidney cancer. International Journal of Cancer, 2010, 126, 1327-1338.	2.3	53
63	Inhibition of aldose reductase prevents colon cancer metastasis. Carcinogenesis, 2011, 32, 1259-1267.	1.3	53
64	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. II. Functional Reconstitution of Transport Activityâ€. Biochemistry, 1998, 37, 5239-5248.	1.2	51
65	Hsf-1 and POB1 Induce Drug Sensitivity and Apoptosis by Inhibiting Ralbp1. Journal of Biological Chemistry, 2008, 283, 19714-19729.	1.6	51
66	RLIP76 in Defense of Radiation Poisoning. International Journal of Radiation Oncology Biology Physics, 2008, 72, 553-561.	0.4	50
67	Identification of Membrane-Anchoring Domains of RLIP76 Using Deletion Mutant Analysesâ€. Biochemistry, 2004, 43, 16243-16253.	1.2	48
68	RALBP1/RLIP76 Depletion in Mice Suppresses Tumor Growth by Inhibiting Tumor Neovascularization. Cancer Research, 2012, 72, 5165-5173.	0.4	48
69	Glutathione S-Transferase 8-8 Is Localized in Smooth Muscle Cells of Rat Aorta and Is Induced in an Experimental Model of Atherosclerosis. Toxicology and Applied Pharmacology, 1995, 133, 27-33.	1.3	47
70	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. I. Purification, Photoaffinity Labeling, and Kinetic Characteristics of ATPase Activityâ€. Biochemistry, 1998, 37, 5231-5238.	1.2	47
71	Glutathione S-transferases as antioxidant enzymes: Small cell lung cancer (H69) cells transfected with hGSTA1 resist doxorubicin-induced apoptosis. Archives of Biochemistry and Biophysics, 2006, 452, 165-173.	1.4	47
72	SOX9: The master regulator of cell fate in breast cancer. Biochemical Pharmacology, 2020, 174, 113789.	2.0	47

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73	Regulation of CD95 (Fas) Expression and Fas-Mediated Apoptotic Signaling in HLE B-3 Cells by 4-Hydroxynonenalâ€. Biochemistry, 2006, 45, 12253-12264.	1.2	46
74	The Non-ABC Drug Transporter RLIP76 (RALBP-1) Plays a Major Role in the Mechanisms of Drug Resistance. Current Drug Metabolism, 2007, 8, 315-323.	0.7	46
75	4-Hydroxynonenal Induces G2/M Phase Cell Cycle Arrest by Activation of the Ataxia Telangiectasia Mutated and Rad3-related Protein (ATR)/Checkpoint Kinase 1 (Chk1) Signaling Pathway. Journal of Biological Chemistry, 2013, 288, 20532-20546.	1.6	45
76	Regulatory roles of glutathione-S-transferases and 4-hydroxynonenal in stress-mediated signaling and toxicity. Free Radical Biology and Medicine, 2017, 111, 235-243.	1.3	45
77	Prexasertib treatment induces homologous recombination deficiency and synergizes with olaparib in triple-negative breast cancer cells. Breast Cancer Research, 2019, 21, 104.	2.2	45
78	RLIP76: A versatile transporter and an emerging target for cancer therapy. Biochemical Pharmacology, 2010, 79, 1699-1705.	2.0	44
79	RLIP76, a Glutathione-Conjugate Transporter, Plays a Major Role in the Pathogenesis of Metabolic Syndrome. PLoS ONE, 2011, 6, e24688.	1.1	44
80	Iron-Induced Lipid-Peroxidation in Rat Liver Is Accompanied by Preferential Induction of Glutathione S-Transferase 8-8 Isozyme. Toxicology and Applied Pharmacology, 1995, 131, 63-72.	1.3	43
81	The Role of GlutathioneS-Transferases as a Defense against Reactive Electrophiles in the Blood Vessel Wall. Toxicology and Applied Pharmacology, 1998, 152, 83-89.	1.3	43
82	The effect of curcumin on glutathione-linked enzymes in K562 human leukemia cells. Toxicology Letters, 1999, 109, 87-95.	0.4	43
83	RLIP76 (RALBP1)-mediated transport of leukotriene C4 (LTC4) in cancer cells: Implications in drug resistance. International Journal of Cancer, 2004, 112, 934-942.	2.3	43
84	POB1 over-expression inhibits RLIP76-mediated transport of glutathione-conjugates, drugs and promotes apoptosis. Biochemical and Biophysical Research Communications, 2005, 328, 1003-1009.	1.0	43
85	Activation of human erythrocyte, brain, aorta, muscle, and ocular tissue aldose reductase. Metabolism: Clinical and Experimental, 1986, 35, 114-118.	1.5	42
86	Didymin Induces Apoptosis by Inhibiting N-Myc and Upregulating RKIP in Neuroblastoma. Cancer Prevention Research, 2012, 5, 473-483.	0.7	41
87	Dinitrophenyl S-glutathione ATPase purified from human muscle catalyzes ATP hydrolysis in the presence of leukotrienes. Archives of Biochemistry and Biophysics, 1992, 298, 231-237.	1.4	40
88	Glutathione S-transferases of human skin: qualitative and quantitative differences in men and women. BBA - Proteins and Proteomics, 1993, 1163, 266-272.	2.1	40
89	Modulation of cisplatin cytotoxicity by sulphasalazine. British Journal of Cancer, 1994, 70, 190-194.	2.9	40
90	Gender-related differences in susceptibility of A/J mouse to benzo[a]pyrene-induced pulmonary and forestomach tumorigenesis. Cancer Letters, 1998, 128, 197-204.	3.2	40

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91	Linking stress-signaling, glutathione metabolism, signaling pathways and xenobiotic transporters. Cancer and Metastasis Reviews, 2007, 26, 59-69.	2.7	40
92	Protection of HLE B-3 cells against hydrogen peroxide- and naphthalene-induced lipid peroxidation and apoptosis by transfection with hGSTA1 and hGSTA2. Investigative Ophthalmology and Visual Science, 2002, 43, 434-45.	3.3	40
93	Energy Dependent Transport of Xenobiotics and Its Relevance to Multidrug Resistance. Current Cancer Drug Targets, 2003, 3, 89-107.	0.8	39
94	RLIP76 Regulates PI3K/Akt Signaling and Chemo-Radiotherapy Resistance in Pancreatic Cancer. PLoS ONE, 2012, 7, e34582.	1.1	38
95	Gender related differences in the expression and characteristics of glutathione S-transferases of human colon. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1992, 1171, 19-26.	2.4	36
96	Determinants of differential doxorubicin sensitivity between SCLC and NSCLC. FEBS Letters, 2006, 580, 2258-2264.	1.3	36
97	Role of RLIP76 in doxorubicin resistance in lung cancer (Review). International Journal of Oncology, 2009, 34, 1505-11.	1.4	36
98	2'-Hydroxyflavanone: A novel strategy for targeting breast cancer. Oncotarget, 2017, 8, 75025-75037.	0.8	35
99	Transfection of a 4-Hydroxynonenal Metabolizing GlutathioneS-Transferase Isozyme, Mouse GSTA4-4, Confers Doxorubicin Resistance to Chinese Hamster Ovary Cells. Archives of Biochemistry and Biophysics, 1996, 333, 214-220.	1.4	34
100	2'-Hydroxyflavanone inhibits proliferation, tumor vascularization and promotes normal differentiation in VHL-mutant renal cell carcinoma. Carcinogenesis, 2011, 32, 568-575.	1.3	34
101	Role of 4-hydroxynonenal in epidermal growth factor receptor-mediated signaling in retinal pigment epithelial cells. Experimental Eye Research, 2011, 92, 147-154.	1.2	32
102	A Central Role of RLIP76 in Regulation of Glycemic Control. Diabetes, 2010, 59, 714-725.	0.3	31
103	Role of Lipid Peroxidation in Cellular Responses to <scp>d</scp>,<scp>l</scp>-Sulforaphane, a Promising Cancer Chemopreventive Agent. Biochemistry, 2010, 49, 3191-3202.	1.2	31
104	SR4 Uncouples Mitochondrial Oxidative Phosphorylation, Modulates AMP-dependent Kinase (AMPK)-Mammalian Target of Rapamycin (mTOR) Signaling, and Inhibits Proliferation of HepG2 Hepatocarcinoma Cells. Journal of Biological Chemistry, 2015, 290, 30321-30341.	1.6	31
105	Phase IIIb safety results from an expanded-access protocol of talimogene laherparepvec for patients with unresected, stage IIIBâ€“IVM1c melanoma. Melanoma Research, 2018, 28, 44-51.	0.6	31
106	Therapeutic resistance in lung cancer. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 753-777.	1.5	30
107	ATP-Dependent Colchicine Transport by Human Erythrocyte Glutathione Conjugate Transporter. Toxicology and Applied Pharmacology, 1999, 155, 215-226.	1.3	29
108	The role of PKCÎ± and RLIP76 in transport-mediated doxorubicin-resistance in lung cancer. FEBS Letters, 2005, 579, 4635-4641.	1.3	29

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109	The expression and function of vascular endothelial growth factor in retinal pigment epithelial (RPE) cells is regulated by 4-hydroxynonenal (HNE) and glutathione S-transferaseA4-4. Biochemical and Biophysical Research Communications, 2012, 417, 346-351.	1.0	29
110	Rlip depletion prevents spontaneous neoplasia in TP53 null mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3918-3923.	3.3	29
111	Activity of melphalan in combination with the glutathione transferase inhibitor sulfasalazine. Cancer Chemotherapy and Pharmacology, 1995, 36, 13-19.	1.1	28
112	Association of Rash With Outcomes in a Randomized Phase II Trial Evaluating Cetuximab in Combination With Mitoxantrone Plus Prednisone After Docetaxel for Metastatic Castration-resistant Prostate Cancer. Clinical Genitourinary Cancer, 2012, 10, 6-14.	0.9	28
113	Role of RLIP76 in lung cancer doxorubicin resistance: II. Doxorubicin transport in lung cancer by RLIP76. International Journal of Oncology, 2003, 22, 713-20.	1.4	28
114	Glutathione and glutathione linked enzymes in human small cell lung cancer cell lines. Cancer Letters, 1993, 75, 111-119.	3.2	27
115	The determination of glutathione-4-hydroxynonenal (GSHNE), E-4-hydroxynonenal (HNE), and E-1-hydroxynon-2-en-4-one (HNO) in mouse liver tissue by LC-ESI-MS. Analytical and Bioanalytical Chemistry, 2008, 392, 1325-1333.	1.9	27
116	Physiological and Pharmacological Significance of Glutathione-Conjugate Transport. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2009, 12, 540-551.	2.9	27
117	The relationship of doxorubicin binding to membrane lipids with drug resistance. Cancer Letters, 1992, 63, 109-116.	3.2	26
118	Depletion of 4-hydroxynonenal in hGSTA4-transfected HLE B-3 cells results in profound changes in gene expression. Biochemical and Biophysical Research Communications, 2005, 334, 425-432.	1.0	26
119	Nutlinâ€3 enhances sorafenib efficacy in renal cell carcinoma. Molecular Carcinogenesis, 2013, 52, 39-48.	1.3	26
120	Functional reconstitution of Ral-binding GTPase activating protein, RLIP76, in proteoliposomes catalyzing ATP-dependent transport of glutathione conjugate of 4-hydroxynonenal.. Acta Biochimica Polonica, 2002, 49, 693-701.	0.3	25
121	Role of RLIP76 in lung cancer doxorubicin resistance: III. Anti-RLIP76 antibodies trigger apoptosis in lung cancer cells and synergistically increase doxorubicin cytotoxicity. International Journal of Oncology, 2003, 22, 721-32.	1.4	25
122	Purification and characterization of a 4-hydroxynonenal metabolizing glutathione S-transferase isozyme from bovine pulmonary microvessel endothelial cells. Biochimica Et Biophysica Acta - General Subjects, 1996, 1291, 182-188.	1.1	24
123	Modulation of doxorubicin cytotoxicity by ethacrynic acid. , 1996, 68, 333-339.		24
124	Attenuation of 4-hydroxynonenal-induced cataractogenesis in rat lens by butylated hydroxytoluene. Current Eye Research, 1996, 15, 749-754.	0.7	24
125	Role of Glutathione S-transferase 8-8 in Allylamine Resistance of Vascular Smooth Muscle Cells in Vitro. Toxicology and Applied Pharmacology, 1999, 158, 177-185.	1.3	24
126	COH-SR4 Reduces Body Weight, Improves Glycemic Control and Prevents Hepatic Steatosis in High Fat Diet-Induced Obese Mice. PLoS ONE, 2013, 8, e83801.	1.1	24

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127	Role of SMC1 in Overcoming Drug Resistance in Triple Negative Breast Cancer. PLoS ONE, 2013, 8, e64338.	1.1	24
128	Rabbit Aorta GlutathioneS-Transferases and Their Role in Bioactivation of Trinitroglycerin. Toxicology and Applied Pharmacology, 1996, 140, 378-386.	1.3	23
129	Role of RLIP76 in lung cancer doxorubicin resistance: III. Anti-RLIP76 antibodies trigger apoptosis in lung cancer cells and synergistically increase doxorubicin cytotoxicity. International Journal of Oncology, 2003, 22, 721.	1.4	22
130	Diminished drug transport and augmented radiation sensitivity caused by loss of RLIP76. FEBS Letters, 2008, 582, 3408-3414.	1.3	22
131	RLIP76 Protein Knockdown Attenuates Obesity Due to a High-fat Diet. Journal of Biological Chemistry, 2013, 288, 23394-23406.	1.6	22
132	Targeting the mercapturic acid pathway and vicenin-2 for prevention of prostate cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 167-175.	3.3	22
133	2â€²â€²Hydroxyflavanone inhibits in vitro and in vivo growth of breast cancer cells by targeting RLIP76. Molecular Carcinogenesis, 2018, 57, 1751-1762.	1.3	22
134	Anticancer activity of 2â€™-hydroxyflavanone towards lung cancer. Oncotarget, 2018, 9, 36202-36219.	0.8	22
135	Role of RLIP76 in lung cancer doxorubicin resistance: I. The ATPase activity of RLIP76 correlates with doxorubicin and 4-hydroxynonenal resistance in lung cancer cells. International Journal of Oncology, 2003, 22, 365-75.	1.4	22
136	Purification and Characterization of Glutathione S-Transferase of Murine Ovary and Testis. Archives of Biochemistry and Biophysics, 1993, 301, 143-150.	1.4	21
137	Metabolic Fate of Glutathione Conjugate of Benzo[a]pyrene-(7R,8S)-diol (9S,10R)-epoxide in Human Liver. Archives of Biochemistry and Biophysics, 1999, 371, 340-344.	1.4	21
138	Increased expression of cdc2 inhibits transport function of RLIP76 and promotes apoptosis. Cancer Letters, 2009, 283, 152-158.	3.2	21
139	Translational opportunities for broadâ€spectrum natural phytochemicals and targeted agent combinations in breast cancer. International Journal of Cancer, 2018, 142, 658-670.	2.3	21
140	Transport functions and physiological significance of 76 kDa Ral-binding GTPase activating protein (RLIP76).. Acta Biochimica Polonica, 2002, 49, 855-867.	0.3	21
141	2â€™-Hydroxyflavanone effectively targets RLIP76-mediated drug transport and regulates critical signaling networks in breast cancer. Oncotarget, 2018, 9, 18053-18068.	0.8	21
142	Bilateral breast MALT lymphoma: a case report and review of the literature. Annals of Hematology, 2000, 79, 86-89.	0.8	20
143	Targeting p53-Null Neuroblastomas through RLIP76. Cancer Prevention Research, 2011, 4, 879-889.	0.7	20
144	Didymin: an orally active citrus flavonoid for targeting neuroblastoma. Oncotarget, 2017, 8, 29428-29441.	0.8	20

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145	Doxorubicin transport by RALBP1 and ABCG2 in lung and breast cancer. International Journal of Oncology, 2007, 30, 717-25.	1.4	20
146	A Glutathione S-transferases Isozyme (bGST 5.8) Involved in the Metabolism of 4-Hydroxy-2-trans-nonenal is Localized in Bovine Lens Epithelium. Experimental Eye Research, 1996, 63, 329-337.	1.2	19
147	Role of RLIP76 in lung cancer doxorubicin resistance: II. Doxorubicin transport in lung cancer by RLIP76. International Journal of Oncology, 2003, 22, 713.	1.4	19
148	Mitogenic and drug-resistance mediating effects of PKCÎ± require RLIP76. Biochemical and Biophysical Research Communications, 2006, 348, 722-727.	1.0	19
149	Role of 4-hydroxynonenal in chemopreventive activities of sulforaphane. Free Radical Biology and Medicine, 2012, 52, 2177-2185.	1.3	19
150	Mechanisms and Physiological Significance of the Transport of the Glutathione Conjugate of 4-Hydroxynonenal in Human Lens Epithelial Cells. , 2003, 44, 3438.		18
151	Doxorubicin transport by RALBP1 and ABCG2 in lung and breast cancer. International Journal of Oncology, 0, , .	1.4	18
152	Novel Anti-cancer Compounds for Developing Combinatorial Therapies to Target Anoikis-Resistant Tumors. Pharmaceutical Research, 2012, 29, 621-636.	1.7	18
153	RLIP76 regulates Arf6-dependent cell spreading and migration by linking ARNO with activated R-Ras at recycling endosomes. Biochemical and Biophysical Research Communications, 2015, 467, 785-791.	1.0	18
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