

Ah-Ng Kong

List of Publications by Year in descending order

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109
papers

8,853
citations

57758

44
h-index

42399

92
g-index

110
all docs

110
docs citations

110
times ranked

11334
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox signaling, mitochondrial metabolism, epigenetics and redox active phytochemicals. <i>Free Radical Biology and Medicine</i> , 2022, 179, 328-336.	2.9	26
2	Triterpenoid ursolic acid drives metabolic rewiring and epigenetic reprogramming in treatment/prevention of human prostate cancer. <i>Molecular Carcinogenesis</i> , 2022, 61, 111-121.	2.7	19
3	Nfe2l2 Regulates Metabolic Rewiring and Epigenetic Reprogramming in Mediating Cancer Protective Effect by Fucoxanthin. <i>AAPS Journal</i> , 2022, 24, 30.	4.4	7
4	Tobacco carcinogen 4-[methyl(nitroso)amino]-1-(3-pyridinyl)-1-butanone (NNK) drives metabolic rewiring and epigenetic reprogramming in A/J mice lung cancer model and prevention with diallyl sulphide (DAS). <i>Carcinogenesis</i> , 2022, 43, 140-149.	2.8	11
5	Butyrate Drives Metabolic Rewiring and Epigenetic Reprogramming in Human Colon Cancer Cells. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2200028.	3.3	26
6	Exploring the role of senescence inducers and senotherapeutics as targets for anticancer natural products. <i>European Journal of Pharmacology</i> , 2022, 928, 174991.	3.5	7
7	UVB Drives Metabolic Rewiring and Epigenetic Reprogramming and Protection by Sulforaphane in Human Skin Keratinocytes. <i>Chemical Research in Toxicology</i> , 2022, 35, 1220-1233.	3.3	8
8	Epigenetics/Epigenomics and Prevention of Early Stages of Cancer by Isothiocyanates. <i>Cancer Prevention Research</i> , 2021, 14, 151-164.	1.5	14
9	Epigenomic, Transcriptomic, and Protective Effect of Carotenoid Fucoxanthin in High Glucose-Induced Oxidative Stress in Mes13 Kidney Mesangial Cells. <i>Chemical Research in Toxicology</i> , 2021, 34, 713-722.	3.3	13
10	DNA methylome, transcriptome, and prostate cancer prevention by phenethyl isothiocyanate in TRAMP mice. <i>Molecular Carcinogenesis</i> , 2021, 60, 391-402.	2.7	8
11	PTEN deletion drives aberrations of DNA methylome and transcriptome in different stages of prostate cancer. <i>FASEB Journal</i> , 2020, 34, 1304-1318.	0.5	15
12	KPT-9274, an Inhibitor of PAK4 and NAMPT, Leads to Downregulation of mTORC2 in Triple Negative Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 482-491.	3.3	21
13	Epigenome and transcriptome study of moringa isothiocyanate in mouse kidney mesangial cells induced by high glucose, a potential model for diabetic-induced nephropathy. <i>AAPS Journal</i> , 2020, 22, 8.	4.4	18
14	Epigenetics/epigenomics and prevention by curcumin of early stages of inflammatory-driven colon cancer. <i>Molecular Carcinogenesis</i> , 2020, 59, 227-236.	2.7	61
15	Hot Topic Commentary on COVID-19. <i>Current Pharmacology Reports</i> , 2020, 6, 53-55.	3.0	3
16	An Update on Current Therapeutic Drugs Treating COVID-19. <i>Current Pharmacology Reports</i> , 2020, 6, 56-70.	3.0	438
17	Analysis of the Transcriptome: Regulation of Cancer Stemness in Breast Ductal Carcinoma <i>In Situ</i> by Vitamin D Compounds. <i>Cancer Prevention Research</i> , 2020, 13, 673-686.	1.5	12
18	Triterpenoid corosolic acid modulates global CpG methylation and transcriptome of tumor promotor TPA induced mouse epidermal JB6 P+ cells. <i>Chemico-Biological Interactions</i> , 2020, 321, 109025.	4.0	11

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19	Epigenetics/epigenomics of triterpenoids in cancer prevention and in health. <i>Biochemical Pharmacology</i> , 2020, 175, 113890.	4.4	36
20	Epigenome, Transcriptome, and Protection by Sulforaphane at Different Stages of UVB-Induced Skin Carcinogenesis. <i>Cancer Prevention Research</i> , 2020, 13, 551-562.	1.5	14
21	Pharmacokinetics and pharmacodynamics of three oral formulations of curcumin in rats. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 131-144.	1.8	15
22	Gut Microbiota, Dietary Phytochemicals, and Benefits to Human Health. <i>Current Pharmacology Reports</i> , 2019, 5, 332-344.	3.0	54
23	Anthocyanin Delphinidin Prevents Neoplastic Transformation of Mouse Skin JB6 P+ Cells: Epigenetic Re-activation of Nrf2-ARE Pathway. <i>AAPS Journal</i> , 2019, 21, 83.	4.4	45
24	DNA Methylome and Transcriptome Alterations in High Glucose-Induced Diabetic Nephropathy Cellular Model and Identification of Novel Targets for Treatment by Tanshinone IIA. <i>Chemical Research in Toxicology</i> , 2019, 32, 1977-1988.	3.3	17
25	DNA methylome and transcriptome alterations and cancer prevention by triterpenoid ursolic acid in UVB-induced skin tumor in mice. <i>Molecular Carcinogenesis</i> , 2019, 58, 1738-1753.	2.7	24
26	Pelargonidin reduces the TPA induced transformation of mouse epidermal cells –potential involvement of Nrf2 promoter demethylation. <i>Chemico-Biological Interactions</i> , 2019, 309, 108701.	4.0	24
27	Epigenetic modifications but not genetic polymorphisms regulate KEAP1 expression in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12311-12320.	2.6	10
28	Pharmacokinetics, Pharmacodynamics, and PKPD Modeling of Curcumin in Regulating Antioxidant and Epigenetic Gene Expression in Healthy Human Volunteers. <i>Molecular Pharmaceutics</i> , 2019, 16, 1881-1889.	4.6	44
29	CpG methyl-seq and RNA-seq epigenomic and transcriptomic studies on the preventive effects of Moringa isothiocyanate in mouse epidermal JB6 cells induced by the tumor promoter TPA. <i>Journal of Nutritional Biochemistry</i> , 2019, 68, 69-78.	4.2	20
30	UVB drives different stages of epigenome alterations during progression of skin cancer. <i>Cancer Letters</i> , 2019, 449, 20-30.	7.2	32
31	Moringa Isothiocyanate Activates Nrf2: Potential Role in Diabetic Nephropathy. <i>AAPS Journal</i> , 2019, 21, 31.	4.4	39
32	Paris Saponin II inhibits colorectal carcinogenesis by regulating mitochondrial fission and NF- κ B pathway. <i>Pharmacological Research</i> , 2019, 139, 273-285.	7.1	52
33	Sulforaphane epigenetically demethylates the CpG sites of the miR-9-3 promoter and reactivates miR-9-3 expression in human lung cancer A549 cells. <i>Journal of Nutritional Biochemistry</i> , 2018, 56, 109-115.	4.2	44
34	Emerging Roles for Clinical Pharmacometrics in Cancer Precision Medicine. <i>Current Pharmacology Reports</i> , 2018, 4, 276-283.	3.0	10
35	A Novel Triple Stage Ion Trap MS method validated for curcumin pharmacokinetics application: A comparison summary of the latest validated curcumin LC/MS methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 116-124.	2.8	14
36	Fucoxanthin Elicits Epigenetic Modifications, Nrf2 Activation and Blocking Transformation in Mouse Skin JB6 P+ Cells. <i>AAPS Journal</i> , 2018, 20, 32.	4.4	48

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37	Histone Methyltransferase Setd7 Regulates Nrf2 Signaling Pathway by Phenethyl Isothiocyanate and Ursolic Acid in Human Prostate Cancer Cells. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700840.	3.3	32
38	In Vitro-In Vivo Dose Response of Ursolic Acid, Sulforaphane, PEITC, and Curcumin in Cancer Prevention. <i>AAPS Journal</i> , 2018, 20, 19.	4.4	34
39	The triterpenoid corosolic acid blocks transformation and epigenetically reactivates Nrf2 in TRAMP C1 prostate cells. <i>Molecular Carcinogenesis</i> , 2018, 57, 512-521.	2.7	35
40	DNA methylome and transcriptome alterations and cancer prevention by curcumin in colitis-accelerated colon cancer in mice. <i>Carcinogenesis</i> , 2018, 39, 669-680.	2.8	95
41	Curcumin Derivative Epigenetically Reactivates Nrf2 Antioxidative Stress Signaling in Mouse Prostate Cancer TRAMP C1 Cells. <i>Chemical Research in Toxicology</i> , 2018, 31, 88-96.	3.3	31
42	DACT2 Epigenetic Stimulator Exerts Dual Efficacy for Colorectal Cancer Prevention and Treatment. <i>Pharmacological Research</i> , 2018, 129, 318-328.	7.1	31
43	Transcriptomic Analysis of Histone Methyltransferase Setd7 Knockdown and Phenethyl Isothiocyanate in Human Prostate Cancer Cells. <i>Anticancer Research</i> , 2018, 38, 6069-6083.	1.1	8
44	<i>Sophora flavescens</i> Containing-QYJD Formula Activates Nrf2 Anti-Oxidant Response, Blocks Cellular Transformation and Protects Against DSS-Induced Colitis in Mouse Model. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1609-1623.	3.8	22
45	Epigenetic alterations in TRAMP mice: epigenome DNA methylation profiling using MeDIP-seq. <i>Cell and Bioscience</i> , 2018, 8, 3.	4.8	21
46	The dietary flavone luteolin epigenetically activates the Nrf2 pathway and blocks cell transformation in human colorectal cancer HCT116 cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9573-9582.	2.6	66
47	Pharmacokinetics and Pharmacodynamics of Curcumin in regulating anti-inflammatory and epigenetic gene expression. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 289-297.	1.9	21
48	Mechanisms of colitis-accelerated colon carcinogenesis and its prevention with the combination of aspirin and curcumin: Transcriptomic analysis using RNA-seq. <i>Biochemical Pharmacology</i> , 2017, 135, 22-34.	4.4	32
49	Epigenetic CpG Methylation of the Promoter and Reactivation of the Expression of GSTP1 by Astaxanthin in Human Prostate LNCaP Cells. <i>AAPS Journal</i> , 2017, 19, 421-430.	4.4	30
50	Phytochemicals in Traditional Chinese Herbal Medicine: Cancer Prevention and Epigenetics Mechanisms. <i>Current Pharmacology Reports</i> , 2017, 3, 77-91.	3.0	16
51	Pharmacokinetics and Pharmacodynamics of the Triterpenoid Ursolic Acid in Regulating the Antioxidant, Anti-inflammatory, and Epigenetic Gene Responses in Rat Leukocytes. <i>Molecular Pharmaceutics</i> , 2017, 14, 3709-3717.	4.6	44
52	Dibenzoylmethane Protects Against CCl4-Induced Acute Liver Injury by Activating Nrf2 via JNK, AMPK, and Calcium Signaling. <i>AAPS Journal</i> , 2017, 19, 1703-1714.	4.4	27
53	A naturally occurring mixture of tocotrienols inhibits the growth of human prostate tumor, associated with epigenetic modifications of cyclin-dependent kinase inhibitors p21 and p27. <i>Journal of Nutritional Biochemistry</i> , 2017, 40, 155-163.	4.2	40
54	Taxifolin Activates the Nrf2 Anti-Oxidative Stress Pathway in Mouse Skin Epidermal JB6 P+ Cells through Epigenetic Modifications. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1546.	4.1	47

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55	Corynoline Isolated from <i>Corydalis bungeana</i> Turcz. Exhibits Anti-Inflammatory Effects via Modulation of Nrf2 and MAPKs. <i>Molecules</i> , 2016, 21, 975.	3.8	27
56	Regulation of Keap1-Nrf2 signaling: The role of epigenetics. <i>Current Opinion in Toxicology</i> , 2016, 1, 134-138.	5.0	52
57	The epigenetic effects of aspirin: the modification of histone H3 lysine 27 acetylation in the prevention of colon carcinogenesis in azoxymethane- and dextran sulfate sodium-treated CF-1 mice. <i>Carcinogenesis</i> , 2016, 37, 616-624.	2.8	46
58	Epigenetic blockade of neoplastic transformation by bromodomain and extra-terminal (BET) domain protein inhibitor JQ-1. <i>Biochemical Pharmacology</i> , 2016, 117, 35-45.	4.4	27
59	Epigenetic reactivation of RASSF1A by phenethyl isothiocyanate (PEITC) and promotion of apoptosis in LNCaP cells. <i>Pharmacological Research</i> , 2016, 114, 175-184.	7.1	46
60	Epigenetics Reactivation of Nrf2 in Prostate TRAMP C1 Cells by Curcumin Analogue FN1. <i>Chemical Research in Toxicology</i> , 2016, 29, 694-703.	3.3	43
61	Reserpine Inhibit the JB6 P+ Cell Transformation Through Epigenetic Reactivation of Nrf2-Mediated Anti-oxidative Stress Pathway. <i>AAPS Journal</i> , 2016, 18, 659-669.	4.4	26
62	Epigenetic modifications of triterpenoid ursolic acid in activating Nrf2 and blocking cellular transformation of mouse epidermal cells. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 54-62.	4.2	59
63	“Curcumin, the King of Spices” Epigenetic Regulatory Mechanisms in the Prevention of Cancer, Neurological, and Inflammatory Diseases. <i>Current Pharmacology Reports</i> , 2015, 1, 129-139.	3.0	151
64	Current Perspectives on Epigenetic Modifications by Dietary Chemopreventive and Herbal Phytochemicals. <i>Current Pharmacology Reports</i> , 2015, 1, 245-257.	3.0	42
65	MicroRNAs: new Players in Cancer Prevention Targeting Nrf2, Oxidative Stress and Inflammatory Pathways. <i>Current Pharmacology Reports</i> , 2015, 1, 21-30.	3.0	39
66	Curcumin inhibits anchorage-independent growth of HT29 human colon cancer cells by targeting epigenetic restoration of the tumor suppressor gene DLEC1. <i>Biochemical Pharmacology</i> , 2015, 94, 69-78.	4.4	99
67	The complexity of the Nrf2 pathway: beyond the antioxidant response. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1401-1413.	4.2	325
68	Epigenetic regulation of Keap1-Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 337-349.	2.9	187
69	Induction of NRF2-mediated gene expression by dietary phytochemical flavones apigenin and luteolin. <i>Biopharmaceutics and Drug Disposition</i> , 2015, 36, 440-451.	1.9	100
70	Dietary Glucosinolates Sulforaphane, Phenethyl Isothiocyanate, Indole-3-Carbinol/3,3-Diindolylmethane: Antioxidative Stress/Inflammation, Nrf2, Epigenetics/Epigenomics and In Vivo Cancer Chemopreventive Efficacy. <i>Current Pharmacology Reports</i> , 2015, 1, 179-196.	3.0	142
71	Natural compound-derived epigenetic regulators targeting epigenetic readers, writers and erasers. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 697-713.	2.1	27
72	Nrf2 null enhances UVB-induced skin inflammation and extracellular matrix damages. <i>Cell and Bioscience</i> , 2014, 4, 39.	4.8	72

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73	Blocking of JB6 Cell Transformation by Tanshinone IIA: Epigenetic Reactivation of Nrf2 Antioxidative Stress Pathway. AAPS Journal, 2014, 16, 1214-1225.	4.4	53
74	Requirement and Epigenetics Reprogramming of Nrf2 in Suppression of Tumor Promoter TPA-Induced Mouse Skin Cell Transformation by Sulforaphane. Cancer Prevention Research, 2014, 7, 319-329.	1.5	123
75	Apigenin Reactivates Nrf2 Anti-oxidative Stress Signaling in Mouse Skin Epidermal JB6 Cells Through Epigenetics Modifications. AAPS Journal, 2014, 16, 727-735.	4.4	112
76	Epigenetic DNA Methylation of Antioxidative Stress Regulator <i>NRF2</i> in Human Prostate Cancer. Cancer Prevention Research, 2014, 7, 1186-1197.	1.5	69
77	The berry constituents quercetin, kaempferol, and pterostilbene synergistically attenuate reactive oxygen species: Involvement of the Nrf2-ARE signaling pathway. Food and Chemical Toxicology, 2014, 72, 303-311.	3.6	204
78	Genome-wide analysis of DNA methylation in UVB- and DMBA/TPA-induced mouse skin cancer models. Life Sciences, 2014, 113, 45-54.	4.3	20
79	Effects of natural phytochemicals in <i>Angelica sinensis</i> (Danggui) on Nrf2-mediated gene expression of phase II drug metabolizing enzymes and anti-inflammation. Biopharmaceutics and Drug Disposition, 2013, 34, 303-311.	1.9	52
80	A semi-mechanistic integrated toxicokinetic-toxicodynamic (TK/TD) model for arsenic(III) in hepatocytes. Journal of Theoretical Biology, 2013, 317, 244-256.	1.7	11
81	Epigenetic Modifications of Nrf2 by 3,3'-diindolylmethane In Vitro in TRAMP C1 Cell Line and In Vivo TRAMP Prostate Tumors. AAPS Journal, 2013, 15, 864-874.	4.4	72
82	Sulforaphane enhances Nrf2 expression in prostate cancer TRAMP C1 cells through epigenetic regulation. Biochemical Pharmacology, 2013, 85, 1398-1404.	4.4	174
83	Targeting Epigenetics for Cancer Prevention By Dietary Cancer Preventive Compounds—The Case of miRNA. Cancer Prevention Research, 2013, 6, 622-624.	1.5	12
84	Overview on Oxidative Stress, Inflammation, Cancer Initiation/Progression, and How to Prevent Carcinogenesis/Cancer. , 2013, , 3-20.		0
85	Anti-oxidative stress regulator NF-E2-related factor 2 mediates the adaptive induction of antioxidant and detoxifying enzymes by lipid peroxidation metabolite 4-hydroxynonenal. Cell and Bioscience, 2012, 2, 40.	4.8	81
86	Resveratrol inhibits genistein-induced multi-drug resistance protein 2 (MRP2) expression in HepG2 cells. Archives of Biochemistry and Biophysics, 2011, 512, 160-166.	3.0	22
87	Pharmacodynamics of curcumin as DNA hypomethylation agent in restoring the expression of Nrf2 via promoter CpGs demethylation. Biochemical Pharmacology, 2011, 82, 1073-1078.	4.4	213
88	Epigenetic CpG Demethylation of the Promoter and Reactivation of the Expression of Neurog1 by Curcumin in Prostate LNCaP Cells. AAPS Journal, 2011, 13, 606-614.	4.4	152
89	Impact of Nrf2 on UVB-induced skin inflammation/photoprotection and photoprotective effect of sulforaphane. Molecular Carcinogenesis, 2011, 50, 479-486.	2.7	130
90	Pharmacodynamics of dietary phytochemical indoles I3C and DIM: Induction of Nrf2-mediated phase II drug metabolizing and antioxidant genes and synergism with isothiocyanates. Biopharmaceutics and Drug Disposition, 2011, 32, 289-300.	1.9	95

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91	Inhibitory Effect of a $\hat{\beta}$ -Tocopherol-Rich Mixture of Tocopherols on the Formation and Growth of LNCaP Prostate Tumors in Immunodeficient Mice. <i>Cancers</i> , 2011, 3, 3762-3772.	3.7	22
92	Phytochemicals: cancer chemoprevention and suppression of tumor onset and metastasis. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 483-502.	5.9	220
93	Nrf2 Expression Is Regulated by Epigenetic Mechanisms in Prostate Cancer of TRAMP Mice. <i>PLoS ONE</i> , 2010, 5, e8579.	2.5	192
94	An internal ribosomal entry site mediates redox-sensitive translation of Nrf2. <i>Nucleic Acids Research</i> , 2010, 38, 778-788.	14.5	103
95	Mixed Tocotrienols Inhibit Prostate Carcinogenesis in TRAMP Mice. <i>Nutrition and Cancer</i> , 2010, 62, 789-794.	2.0	36
96	Differential in vivo mechanism of chemoprevention of tumor formation in azoxymethane/dextran sodium sulfate mice by PEITC and DBM. <i>Carcinogenesis</i> , 2010, 31, 880-885.	2.8	53
97	Molecular Targets of Dietary Phenethyl Isothiocyanate and Sulforaphane for Cancer Chemoprevention. <i>AAPS Journal</i> , 2010, 12, 87-97.	4.4	320
98	Dietary Feeding of Dibenzoylmethane Inhibits Prostate Cancer in Transgenic Adenocarcinoma of the Mouse Prostate Model. <i>Cancer Research</i> , 2009, 69, 7096-7102.	0.9	33
99	$\hat{\beta}$ -Tocopherol-enriched mixed tocopherol diet inhibits prostate carcinogenesis in TRAMP mice. <i>International Journal of Cancer</i> , 2009, 124, 1693-1699.	5.1	111
100	Molecular mechanisms of Nrf2-mediated antioxidant response. <i>Molecular Carcinogenesis</i> , 2009, 48, 91-104.	2.7	666
101	Nrf2 plays an important role in coordinated regulation of Phase II drug metabolism enzymes and Phase III drug transporters. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 345-355.	1.9	155
102	Synergistic Effect of Combination of Phenethyl Isothiocyanate and Sulforaphane or Curcumin and Sulforaphane in the Inhibition of Inflammation. <i>Pharmaceutical Research</i> , 2009, 26, 224-231.	3.5	94
103	Pharmacokinetics and Pharmacodynamics of Broccoli Sprouts on the Suppression of Prostate Cancer in Transgenic Adenocarcinoma of Mouse Prostate (TRAMP) Mice: Implication of Induction of Nrf2, HO-1 and Apoptosis and the Suppression of Akt-dependent Kinase Pathway. <i>Pharmaceutical Research</i> , 2009, 26, 2324-2331.	3.5	101
104	Pharmacokinetics, Pharmacodynamics and Drug Metabolism. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4528-4545.	3.3	35
105	Activation of Nrf2-antioxidant signaling attenuates NF $\hat{\beta}$ B-inflammatory response and elicits apoptosis. <i>Biochemical Pharmacology</i> , 2008, 76, 1485-1489.	4.4	658
106	Sulforaphane suppressed LPS-induced inflammation in mouse peritoneal macrophages through Nrf2 dependent pathway. <i>Biochemical Pharmacology</i> , 2008, 76, 967-973.	4.4	279
107	Increased Susceptibility of Nrf2 Knockout Mice to Colitis-Associated Colorectal Cancer. <i>Cancer Prevention Research</i> , 2008, 1, 187-191.	1.5	269
108	Dietary Cancer Chemopreventive Agents – Targeting Inflammation and Nrf2 Signaling Pathway. <i>Planta Medica</i> , 2008, 74, 1540-1547.	1.3	62

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109	Nrf2-Deficient Mice Have an Increased Susceptibility to Dextran Sulfate Sodium-Induced Colitis. Cancer Research, 2006, 66, 11580-11584.	0.9	444