Darren D Browning

List of Publications by Year
in descending order

59 papers	3,649 citations	147566 31 h-index	155451 55 g-index
59 all docs	59 docs citations	59 times ranked	5782 citing authors

#	Article	IF	Citations
1	Inhibition of Colon Cancer Cell Growth by Phosphodiesterase Inhibitors Is Independent of cGMP Signaling. Journal of Pharmacology and Experimental Therapeutics, 2022, 381, 42-53.	1.3	7
2	Type-2 cGMP-dependent protein kinase suppresses proliferation and carcinogenesis in the colon epithelium. Carcinogenesis, 2022, 43, 584-593.	1.3	6
3	The Campylobacter jejuni Response Regulator and Cyclic-Di-GMP Binding CbrR Is a Novel Regulator of Flagellar Motility. Microorganisms, 2022, 10, 86.	1.6	8
4	p50 suppresses cytotoxic T lymphocyte effector function to regulate tumor immune escape and response to immunotherapy. , 2020, 8, e001365.		12
5	Indispensable role of the Ubiquitin-fold modifier 1-specific E3 ligase in maintaining intestinal homeostasis and controlling gut inflammation. Cell Discovery, 2019, 5, 7.	3.1	45
6	The enduring promise of phosphodiesterase 5 inhibitors for colon cancer prevention. Translational Gastroenterology and Hepatology, 2019, 4, 83-83.	1.5	5
7	Cyclic-GMPâ€“Elevating Agents Suppress Polyposis in ApcMin Mice by Targeting the Preneoplastic Epithelium. Cancer Prevention Research, 2018, 11, 81-92.	0.7	26
8	Myeloid-Derived Suppressor Cells Produce IL-10 to Elicit DNMT3b-Dependent IRF8 Silencing to Promote Colitis-Associated Colon Tumorigenesis. Cell Reports, 2018, 25, 3036-3046.e6.	2.9	63
9	Clinical utility of plecanatide in the treatment of chronic idiopathic constipation. International Journal of General Medicine, 2018, Volume 11, 323-330.	0.8	10
10	Phosphodiesterase-5 inhibitors for colon cancer chemoprevention. Aging, 2018, 10, 2216-2217.	1.4	7
11	cGMP Signaling Increases Antioxidant Gene Expression by Activating Forkhead Box O3A in the Colon Epithelium. American Journal of Pathology, 2017, 187, 377-389.	1.9	13
12	Sildenafil Suppresses Inflammation-Driven Colorectal Cancer in Mice. Cancer Prevention Research, 2017, 10, 377-388.	0.7	64
13	Carbidopa, a drug in use for management of Parkinson disease inhibits T cell activation and autoimmunity. PLoS ONE, 2017, 12, e0183484.	1.1	31
14	Sildenafil normalizes bowel transit in preclinical models of constipation. PLoS ONE, 2017, 12, e0176673.	1.1	14
15	IFNÎ³ Induces DNA Methylationâ€“Silenced GPR109A Expression via pSTAT1/p300 and H3K18 Acetylation in Colon Cancer. Cancer Immunology Research, 2015, 3, 795-805.	1.6	44
16	Curcumin inhibits PhIP induced cytotoxicity in breast epithelial cells through multiple molecular targets. Cancer Letters, 2015, 365, 122-131.	3.2	44
17	Type 2 cGMP-dependent protein kinase regulates proliferation and differentiation in the colonic mucosa. American Journal of Physiology - Renal Physiology, 2012, 303, G209-G219.	1.6	39
18	SIRT1 Is Essential for Oncogenic Signaling by Estrogen/Estrogen Receptor Îł in Breast Cancer. Cancer Research, 2011, 71, 6654-6664.	0.4	122

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19	Cyclic 3â€²,5â€²-guanosine monophosphate-dependent protein kinase inhibits colon cancer cell adaptation to hypoxia. Cancer, 2011, 117, 5282-5293.	2.0	4
20	IFN-Î³ Upregulates Survivin and Ifi202 Expression to Induce Survival and Proliferation of Tumor-Specific T Cells. PLoS ONE, 2010, 5, e14076.	1.1	33
21	cGMP-dependent protein kinases as potential targets for colon cancer prevention and treatment. Future Medicinal Chemistry, 2010, 2, 65-80.	1.1	55
22	GPR109A Is a G-proteinâ€“Coupled Receptor for the Bacterial Fermentation Product Butyrate and Functions as a Tumor Suppressor in Colon. Cancer Research, 2009, 69, 2826-2832.	0.4	553
23	Mutation of protein kinase C phosphorylation site S1076 on Î±-subunits affects BK_{Ca}channel activity in HEK-293 cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L758-L766.	1.3	11
24	Sodium-Coupled Transport of the Short Chain Fatty Acid Butyrate by SLC5A8 and Its Relevance to Colon Cancer. Journal of Gastrointestinal Surgery, 2008, 12, 1773-1782.	0.9	72
25	Expression of cyclic guanosine monophosphateâ€dependent protein kinase in metastatic colon carcinoma cells blocks tumor angiogenesis. Cancer, 2008, 112, 1462-1470.	2.0	28
26	A role for macroautophagy in protection against 4-hydroxytamoxifenâ€“induced cell death and the development of antiestrogen resistance. Molecular Cancer Therapeutics, 2008, 7, 2977-2987.	1.9	177
27	Protein kinase G as a therapeutic target for the treatment of metastatic colorectal cancer. Expert Opinion on Therapeutic Targets, 2008, 12, 367-376.	1.5	29
28	IFN Regulatory Factor 8 Mediates Apoptosis in Nonhemopoietic Tumor Cells via Regulation of Fas Expression. Journal of Immunology, 2007, 179, 4775-4782.	0.4	48
29	Cysteine Redox Sensor in PKGIa Enables Oxidant-Induced Activation. Science, 2007, 317, 1393-1397.	6.0	429
30	Targeting Lymphotoxin Î² Receptor with Tumor-Specific T Lymphocytes for Tumor Regression. Clinical Cancer Research, 2007, 13, 5202-5210.	3.2	24
31	Repression of IFN Regulatory Factor 8 by DNA Methylation Is a Molecular Determinant of Apoptotic Resistance and Metastatic Phenotype in Metastatic Tumor Cells. Cancer Research, 2007, 67, 3301-3309.	0.4	82
32	Nitric Oxide Inactivates the Retinoblastoma Pathway in Chronic Inflammation. Cancer Research, 2007, 67, 9286-9293.	0.4	40
33	Guanylate cyclase and cyclic GMP-dependent protein kinase regulate agrin signaling at the developing neuromuscular junction. Developmental Biology, 2007, 307, 195-201.	0.9	10
34	Î³-Glutamyl transpeptidase has a role in the persistent colonization of the avian gut by Campylobacter jejuni. Microbial Pathogenesis, 2007, 43, 198-207.	1.3	72
35	An anti-tumor role for cGMP-dependent protein kinase. Cancer Letters, 2006, 240, 60-68.	3.2	58
36	A role for cyclic-GMP dependent protein kinase in anoikis. Cellular Signalling, 2006, 18, 882-888.	1.7	26

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37	Phosphorylation of Î²-Catenin by Cyclic AMP-dependent Protein Kinase*. Journal of Biological Chemistry, 2006, 281, 9971-9976.	1.6	373
38	Phosphorylation of Î²â€catenin by cyclic AMPâ€dependent protein kinase. FASEB Journal, 2006, 20, A497.	0.2	0
39	Mutation of PKC phosphorylation site 1075T on the BKCa channel Î± subunit modulates BKCa channel activity. FASEB Journal, 2006, 20, A1113.	0.2	0
40	Activation of the small GTPase Rac1 by cGMP-dependent protein kinase. Cellular Signalling, 2004, 16, 1061-9.	1.7	30
41	Functional significance of protein kinase A activation by endothelin-1 and ATP: negative regulation of SRF-dependent gene expression by PKA. Cellular Signalling, 2003, 15, 597-604.	1.7	41
42	Identification of Tetratricopeptide Repeat 1 as an Adaptor Protein That Interacts with Heterotrimeric G Proteins and the Small GTPase Ras. Molecular and Cellular Biology, 2003, 23, 3847-3858.	1.1	47
43	Activation of cGMP-dependent Protein Kinase by Protein Kinase C. Journal of Biological Chemistry, 2003, 278, 16706-16712.	1.6	27
44	Activation of the Mitogen Activated Protein Kinase Extracellular Signal-Regulated Kinase 1 and 2 by the Nitric Oxideâ€“cGMPâ€“cGMP-Dependent Protein Kinase Axis Regulates the Expression of Matrix Metalloproteinase 13 in Vascular Endothelial Cells. Molecular Pharmacology, 2002, 62, 927-935.	1.0	84
45	Constitutive Activation of NF-ÎºB and Secretion of Interleukin-8 Induced by the G Protein-coupled Receptor of Kaposi's Sarcoma-associated Herpesvirus Involve GÎ±13 and RhoA. Journal of Biological Chemistry, 2001, 276, 45979-45987.	1.6	103
46	Cyclic AMP-independent Activation of Protein Kinase A by Vasoactive Peptides. Journal of Biological Chemistry, 2001, 276, 20827-20830.	1.6	75
47	Functional Analysis of Type 1Î± cGMP-dependent Protein Kinase Using Green Fluorescent Fusion Proteins. Journal of Biological Chemistry, 2001, 276, 13039-13048.	1.6	48
48	Autocrine regulation of interleukin-8 production in human monocytes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L1129-L1136.	1.3	49
49	Nitric Oxide Activation of p38 Mitogen-activated Protein Kinase in 293T Fibroblasts Requires cGMP-dependent Protein Kinase. Journal of Biological Chemistry, 2000, 275, 2811-2816.	1.6	96
50	Activation of NF-ÎºB by Bradykinin through a GÎ±q- and GÎ²Î³-dependent Pathway That Involves Phosphoinositide 3-Kinase and Akt. Journal of Biological Chemistry, 2000, 275, 24907-24914.	1.6	128
51	NF-ÎºB Activation Is Required for C5a-Induced Interleukin-8 Gene Expression in Mononuclear Cells. Blood, 1999, 93, 3241-3249.	0.6	53
52	Activation of p38 Mitogen-activated Protein Kinase by Lipopolysaccharide in Human Neutrophils Requires Nitric Oxide-dependent cGMP Accumulation. Journal of Biological Chemistry, 1999, 274, 537-542.	1.6	62
53	Cell Type- and Developmental Stage-specific Activation of NF-ÎºB by fMet-Leu-Phe in Myeloid Cells. Journal of Biological Chemistry, 1997, 272, 7995-8001.	1.6	63
54	Comparative analysis of chemotaxis in Dictyostelium using a radial bioassay method: Protein tyrosine kinase activity is required for chemotaxis to folate but not to cAMP. Cellular Signalling, 1995, 7, 481-489.	1.7	26

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55	G Protein Function during Biomembrane Fusion in Dictyostelium: Presence and Importance of a GÎ±s Subunit during Fertilization and Phagocytosis. Experimental Cell Research, 1995, 219, 709-716.	1.2	5
56	The Regulation of GTP-Binding Proteins during Fertilization and Zygote Differentiation in Dictyostelium discoideum. Experimental Cell Research, 1993, 205, 240-245.	1.2	6
57	Signal Transduction during Phagocytosis. , 1993, , 163-177.		1
58	Zygote giant cell differentiation in Dictyostelium discoideum: biochemical markers of specific stages of sexual development. Biochemistry and Cell Biology, 1992, 70, 1200-1208.	0.9	9
59	Concanavalin A and wheat germ agglutinin binding glycoproteins associated with cell fusion and zygote differentiation in Dictyostelium discoideum: effects of calcium ions and tunicamycin on glycoprotein profiles. Biochemistry and Cell Biology, 1991, 69, 282-290.	0.9	12