Daniel W Rosenberg

List of Publications by Year
in descending order

75 papers	3,500 citations	172457 29 h-index	138484 58 g-index
77 all docs	77 docs citations	77 times ranked	5698 citing authors

#	Article	IF	Citations
1	Multifaceted roles of PGE2 in inflammation and cancer. Seminars in Immunopathology, 2013, 35, 123-137.	6.1	498
2	Mouse models for the study of colon carcinogenesis. Carcinogenesis, 2008, 30, 183-196.	2.8	332
3	International Cancer Microbiome Consortium consensus statement on the role of the human microbiome in carcinogenesis. Gut, 2019, 68, 1624-1632.	12.1	173
4	Mutations in BRAF and KRAS Differentially Distinguish Serrated versus Non-Serrated Hyperplastic Aberrant Crypt Foci in Humans. Cancer Research, 2007, 67, 3551-3554.	0.9	164
5	Genetic Deletion of <i>mPGES-1</i> Suppresses Intestinal Tumorigenesis. Cancer Research, 2008, 68, 3251-3259.	0.9	150
6	Prostaglandin E2 and programmed cell death 1 signaling coordinately impair CTL function and survival during chronic viral infection. Nature Medicine, 2015, 21, 327-334.	30.7	129
7	Incidence of pancreatic cancer is dramatically increased by a high fat, high calorie diet in KrasG12D mice. PLoS ONE, 2017, 12, e0184455.	2.5	107
8	Repression of Prostaglandin Dehydrogenase by Epidermal Growth Factor and Snail Increases Prostaglandin E2 and Promotes Cancer Progression. Cancer Research, 2006, 66, 6649-6656.	0.9	98
9	Sequential and morphological analyses of aberrant crypt foci formation in mice of differing susceptibility to azoxymethane-induced colon carcinogenesis. Carcinogenesis, 2000, 21, 1567-1572.	2.8	90
10	mPGES-1 as a target for cancer suppression. Biochimie, 2010, 92, 660-664.	2.6	81
11	Selective PGE2 Suppression Inhibits Colon Carcinogenesis and Modifies Local Mucosal Immunity. Cancer Prevention Research, 2011, 4, 1198-1208.	1.5	75
12	The role of PGE2 in intestinal inflammation and tumorigenesis. Prostaglandins and Other Lipid Mediators, 2015, 116-117, 26-36.	1.9	75
13	Azoxymethane-induced colon tumors and aberrant crypt foci in mice of different genetic susceptibility. Cancer Letters, 1998, 130, 29-34.	7.2	73
14	Cytoplasmic Phospholipase A2 Deletion Enhances Colon Tumorigenesis. Cancer Research, 2005, 65, 2636-2643.	0.9	71
15	Ibuprofen Inhibits Activation of Nuclear Î²-Catenin in Human Colon Adenomas and Induces the Phosphorylation of GSK-3Î². Cancer Prevention Research, 2011, 4, 161-171.	1.5	70
16	Role of Notch signaling in colon homeostasis and carcinogenesis. Cancer Science, 2011, 102, 1938-1942.	3.9	68
17	Inverse association between phospholipase A2 and COX-2 expression during mouse colon tumorigenesis. Carcinogenesis, 2003, 24, 307-315.	2.8	63
18	Genetic signatures of High- and Low-Risk Aberrant Crypt Foci in a Mouse Model of Sporadic Colon Cancer. Cancer Research, 2004, 64, 6394-6401.	0.9	58

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19	Cytoplasmic Phospholipase A2 Levels Correlate with Apoptosis in Human Colon Tumorigenesis. Clinical Cancer Research, 2005, 11, 2265-2271.	7.0	57
20	Epidemiology of colonic aberrant crypt foci: Review and analysis of existing studies. Cancer Letters, 2007, 252, 171-183.	7.2	52
21	Effects of Walnut Consumption on Colon Carcinogenesis and Microbial Community Structure. Cancer Prevention Research, 2016, 9, 692-703.	1.5	50
22	Deoxycholic acid promotes the growth of colonic aberrant crypt foci. Molecular Carcinogenesis, 2007, 46, 60-70.	2.7	48
23	Loss of the Polycomb Mark from Bivalent Promoters Leads to Activation of Cancer-Promoting Genes in Colorectal Tumors. Cancer Research, 2014, 74, 3617-3629.	0.9	43
24	Preliminary analysis of azoxymethane induced colon tumors in inbred mice commonly used as transgenic/knockout progenitors. International Journal of Oncology, 2003, 22, 145-50.	3.3	43
25	Carcinogen-induced colon tumors in mice are chromosomally stable and are characterized by low-level microsatellite instability. Oncogene, 2004, 23, 3813-3821.	5.9	42
26	Dietary Iron Promotes Azoxymethane-Induced Colon Tumors in Mice. Nutrition and Cancer, 2004, 49, 162-169.	2.0	40
27	Initial Levels of Azoxymethane-Induced DNA Methyl Adducts Are Not Predictive of Tumor Susceptibility in Inbred Mice. Toxicology and Applied Pharmacology, 1998, 150, 196-203.	2.8	38
28	Induction of aberrant crypts in murine colon with varying sensitivity to colon carcinogenesis. Cancer Letters, 1995, 92, 209-214.	7.2	34
29	Microsatellite instability in aberrant crypt foci from patients without concurrent colon cancer. Carcinogenesis, 2006, 28, 769-776.	2.8	32
30	Inhibition of PGE2/EP4 receptor signaling enhances oxaliplatin efficacy in resistant colon cancer cells through modulation of oxidative stress. Scientific Reports, 2019, 9, 4954.	3.3	29
31	Role of the alternating reading frame (P19)-p53 pathway in an in vivo murine colon tumor model. Cancer Research, 2002, 62, 3667-74.	0.9	29
32	Suppression of colon carcinogenesis by targeting Notch signaling. Carcinogenesis, 2013, 34, 2415-2423.	2.8	28
33	Aberrant crypt foci as predictors of colorectal neoplasia on repeat colonoscopy. Cancer Causes and Control, 2012, 23, 355-361.	1.8	27
34	Aberrant transforming growth factor-? signaling in azoxymethane-induced mouse colon tumors. Molecular Carcinogenesis, 2001, 31, 204-213.	2.7	26
35	Epigenetic alterations in RASSF1A in human aberrant crypt foci. Carcinogenesis, 2006, 27, 1316-1322.	2.8	26
36	A role for ceramide glycosylation in resistance to oxaliplatin in colorectal cancer. Experimental Cell Research, 2020, 388, 111860.	2.6	26

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37	A flow cytometry-based reporter assay identifies macrolide antibiotics as nonsense mutation read-through agents. Journal of Molecular Medicine, 2016, 94, 469-482.	3.9	23
38	Azoxymethane induces Kl-ras activation in the tumor resistant AKR/J mouse colon. Molecular Carcinogenesis, 2000, 27, 210-218.	2.7	22
39	Dietary Methyl Donor Depletion Protects Against Intestinal Tumorigenesis in <i>Apc</i> <i>Min</i>/+ Mice. Cancer Prevention Research, 2012, 5, 911-920.	1.5	22
40	Distinct Transcriptional Changes and Epithelialâ€“Stromal Interactions Are Altered in Early-Stage Colon Cancer Development. Molecular Cancer Research, 2016, 14, 795-804.	3.4	21
41	Quantitative assessment of azoxymethane-inducedaberrant crypt foci in inbred mice. Experimental and Molecular Pathology, 1999, 65, 141-149.	2.1	19
42	One-Carbon Metabolism and Colorectal Cancer: Potential Mechanisms of Chemoprevention. Current Pharmacology Reports, 2015, 1, 197-205.	3.0	19
43	Colorectal polyp prevention by daily aspirin use is abrogated among active smokers. Cancer Causes and Control, 2016, 27, 93-103.	1.8	19
44	Dietary Walnut Supplementation Alters Mucosal Metabolite Profiles During DSS-Induced Colonic Ulceration. Nutrients, 2019, 11, 1118.	4.1	19
45	Expression analysis of the group IIA secretory phospholipase A2 in mice with differential susceptibility to azoxymethane-induced colon tumorigenesis. Carcinogenesis, 2000, 21, 133-138.	2.8	18
46	Chlorogenic Acid Differentially Alters Hepatic and Small Intestinal Thiol Redox Status Without Protecting Against Azoxymethane-Induced Colon Carcinogenesis in Mice. Nutrition and Cancer, 2010, 62, 362-370.	2.0	18
47	Regulation of VDR Expression in <i>Apc</i>-Mutant Mice, Human Colon Cancers and Adenomas. Cancer Prevention Research, 2015, 8, 387-399.	1.5	18
48	Characterization of Mucosal Dysbiosis of Early Colonic Neoplasia. Npj Precision Oncology, 2019, 3, 29.	5.4	18
49	Dietary Methyl Donor Depletion Suppresses Intestinal Adenoma Development. Cancer Prevention Research, 2016, 9, 812-820.	1.5	17
50	cPLA2 Is Protective Against COX Inhibitorâ€“Induced Intestinal Damage. Toxicological Sciences, 2010, 117, 122-132.	3.1	16
51	HD Chromoendoscopy Coupled with DNA Mass Spectrometry Profiling Identifies Somatic Mutations in Microdissected Human Proximal Aberrant Crypt Foci. Molecular Cancer Research, 2014, 12, 823-829.	3.4	15
52	Cyclooxygenase-1 and -2 Play Contrasting Roles in Listeria-Stimulated Immunity. Journal of Immunology, 2018, 200, 3729-3738.	0.8	15
53	Nanoproteomic analysis of extracellular receptor kinaseâ€1/2 postâ€translational activation in microdissected human hyperplastic colon lesions. Proteomics, 2013, 13, 1428-1436.	2.2	14
54	Proximal Aberrant Crypt Foci Associate with Synchronous Neoplasia and Are Primed for Neoplastic Progression. Molecular Cancer Research, 2018, 16, 486-495.	3.4	13

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55	Defective processing of the transforming growth factor-?1 in azoxymethane-induced mouse colon tumors. Molecular Carcinogenesis, 2003, 37, 51-59.	2.7	12
56	Circumvention and reactivation of the p53 oncogene checkpoint in mouse colon tumors. Biochemical Pharmacology, 2006, 72, 981-991.	4.4	11
57	Dietary Walnuts Protect Against Obesity-Driven Intestinal Stem Cell Decline and Tumorigenesis. Frontiers in Nutrition, 2018, 5, 37.	3.7	11
58	The Role of Alcohol Dehydrogenase in the Metabolism of the Colon Carcinogen Methylazoxymethanol. Toxicological Sciences, 1998, 45, 66-71.	3.1	10
59	Utilizing endoscopic technology to reveal realâ€time proteomic alterations in response to chemoprevention. Proteomics - Clinical Applications, 2007, 1, 1660-1666.	1.6	10
60	Single-Cellâ€"Derived Primary Rectal Carcinoma Cell Lines Reflect Intratumor Heterogeneity Associated with Treatment Response. Clinical Cancer Research, 2020, 26, 3468-3480.	7.0	9
61	Fatty acid metabolism and colon cancer protection by dietary methyl donor restriction. Metabolomics, 2021, 17, 80.	3.0	8
62	Comment re: â€œSporadic Aberrant Crypt Foci Are Not a Surrogate Endpoint for Colorectal Adenoma Preventionâ€•and â€œAberrant Crypt Foci in the Adenoma Prevention with Celecoxib Trialâ€• Cancer Prevention Research, 2008, 1, 215-216.	1.5	7
63	Non-cell autonomous effects of targeting inducible PGE2 synthesis during inflammation-associated colon carcinogenesis. Carcinogenesis, 2015, 36, 478-486.	2.8	7
64	A novel bioactive derivative of eicosapentaenoic acid (EPA) suppresses intestinal tumor development in ApcÎ"14/+ mice. Carcinogenesis, 2018, 39, 429-438.	2.8	7
65	Spindle Assembly Disruption and Cancer Cell Apoptosis with a CLTC-Binding Compound. Molecular Cancer Research, 2018, 16, 1361-1372.	3.4	7
66	Methyl Donor Deficiency Blocks Colorectal Cancer Development by Affecting Key Metabolic Pathways. Cancer Prevention Research, 2020, 13, 1-14.	1.5	7
67	Associations of dietary fat with risk of early neoplasia in the proximal colon in a population-based caseâ€"control study. Cancer Causes and Control, 2018, 29, 667-674.	1.8	4
68	Targeted Transcriptional Profiling of Microdissected Biopsy Specimens Representing Early Colonic Neoplasia. Journal of Cellular Biochemistry, 2016, 117, 2677-2681.	2.6	3
69	Colon Cancer Prevention with Walnuts: A Longitudinal Study in Mice from the Perspective of a Gut Enterotypeâ€"like Cluster. Cancer Prevention Research, 2020, 13, 15-24.	1.5	3
70	The Epithelialâ€"Stromal Microenvironment in Early Colonic Neoplasia. Molecular Cancer Research, 2022, 20, 56-61.	3.4	2
71	Strain-specific homeostatic responses during early stages of Azoxymethane-induced colon tumorigenesis in mice. International Journal of Oncology, 2007, 31, 837-42.	3.3	2
72	A Phase IIa Randomized, Double-Blind Trial of Erlotinib in Inhibiting Epidermal Growth Factor Receptor Signaling in Aberrant Crypt Foci of the Colorectum. Cancer Prevention Research, 2015, 8, 222-230.	1.5	1

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73	Antioxidant and antiâ€inflammatory effects of black rasperries in a dextran sodium sulfate (DSS) model of colitis. FASEB Journal, 2010, 24, 526.4.	0.5	0
74	Epithelial Cell-specific Deletion of Microsomal Prostaglandin E Synthase-1 Does Not Influence Colon Tumor Development in Mice. Journal of Cancer Prevention, 2021, 26, 304-308.	2.0	0
75	Abstract LB164: Combination of naproxen and a novel longer acting eicosapentaenoic acid analogue provide synergistic tumor protection in polyposis in rat colon (PIRC) model. Cancer Research, 2022, 82, LB164-LB164.	0.9	0