

Marc Bissonnette

List of Publications by Year in descending order

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78
papers

3,586
citations

94381

37
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138417

58
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79
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79
docs citations

79
times ranked

5800
citing authors

#	ARTICLE	IF	CITATIONS
1	CXCL12-CXCR4/CXCR7 Axis in Colorectal Cancer: Therapeutic Target in Preclinical and Clinical Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7371.	1.8	56
2	Upregulation of polycistronic microRNA-143 and microRNA-145 in colonocytes suppresses colitis and inflammation-associated colon cancer. <i>Epigenetics</i> , 2021, 16, 1317-1334.	1.3	10
3	Epigenetic DNA Modifications Upregulate SPRY2 in Human Colorectal Cancers. <i>Cells</i> , 2021, 10, 2632.	1.8	5
4	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. <i>Gastroenterology</i> , 2020, 158, 958-970.e2.	0.6	53
5	N6-Adenosine Methylation of Socs1 mRNA Is Required to Sustain the Negative Feedback Control of Macrophage Activation. <i>Developmental Cell</i> , 2020, 55, 737-753.e7.	3.1	51
6	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. <i>Nature Communications</i> , 2020, 11, 6161.	5.8	76
7	Enhanced CXCR4 Expression Associates with Increased Gene Body 5-Hydroxymethylcytosine Modification but not Decreased Promoter Methylation in Colorectal Cancer. <i>Cancers</i> , 2020, 12, 539.	1.7	11
8	A New Model of Spontaneous Colitis in Mice Induced by Deletion of an RNA m6A Methyltransferase Component METTL14 in T Cells. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 747-761.	2.3	69
9	Losartan and Vitamin D Inhibit Colonic Tumor Development in a Conditional Apc-Deleted Mouse Model of Sporadic Colon Cancer. <i>Cancer Prevention Research</i> , 2019, 12, 433-448.	0.7	4
10	A novel mouse model of sporadic colon cancer induced by combination of conditional Apc genes and chemical carcinogen in the absence of Cre recombinase. <i>Carcinogenesis</i> , 2019, 40, 1376-1386.	1.3	9
11	Impact of Angiotensin II Signaling Blockade on Clinical Outcomes in Patients with Inflammatory Bowel Disease. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1938-1944.	1.1	23
12	IBD-associated Colon Cancers Differ in DNA Methylation and Gene Expression Profiles Compared With Sporadic Colon Cancers. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 884-893.	0.6	15
13	Gut Epithelial Vitamin D Receptor Regulates Microbiota-Dependent Mucosal Inflammation by Suppressing Intestinal Epithelial Cell Apoptosis. <i>Endocrinology</i> , 2018, 159, 967-979.	1.4	86
14	Increased mucosal expression of miR-215 precedes the development of neoplasia in patients with long-standing ulcerative colitis. <i>Oncotarget</i> , 2018, 9, 20709-20720.	0.8	7
15	Tryptophan Metabolism through the Kynurenine Pathway is Associated with Endoscopic Inflammation in Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1471-1480.	0.9	88
16	Early increase in blood supply (EIBS) is associated with tumor risk in the Azoxymethane model of colon cancer. <i>BMC Cancer</i> , 2018, 18, 814.	1.1	6
17	miR-4728-3p Functions as a Tumor Suppressor in Ulcerative Colitis-associated Colorectal Neoplasia Through Regulation of Focal Adhesion Signaling. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 1328-1337.	0.9	22
18	miR-193a-3p is a Key Tumor Suppressor in Ulcerative Colitis-associated Colon Cancer and Promotes Carcinogenesis through Upregulation of IL17RD. <i>Clinical Cancer Research</i> , 2017, 23, 5281-5291.	3.2	73

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19	Lectin-functionalized mesoporous silica nanoparticles for endoscopic detection of premalignant colonic lesions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1941-1952.	1.7	33
20	Vitamin D and Calcium for Colorectal Adenoma Chemoprevention. <i>Nutrition and Cancer</i> , 2017, 69, 167-167.	0.9	1
21	Role of Sprouty Proteins in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2017, 152, S1037.	0.6	1
22	ADAM17 is a Tumor Promoter and Therapeutic Target in Western Diet-associated Colon Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 549-561.	3.2	40
23	Significant difference in active metabolite levels of ginseng in humans consuming Asian or Western diet: The link with enteric microbiota. <i>Biomedical Chromatography</i> , 2017, 31, e3851.	0.8	25
24	Daikenchuto (TU-100) Suppresses Tumor Development in the Azoxymethane and APC ^{min/+} Mouse Models of Experimental Colon Cancer. <i>Phytotherapy Research</i> , 2017, 31, 90-99.	2.8	10
25	Activation of the Renin-Angiotensin System Promotes Colitis Development. <i>Scientific Reports</i> , 2016, 6, 27552.	1.6	46
26	Hsp70 exerts oncogenic activity in the Apc mutant Min mouse model. <i>Carcinogenesis</i> , 2016, 37, 731-739.	1.3	15
27	Salmonella Protein AvrA Activates the STAT3 Signaling Pathway in Colon Cancer. <i>Neoplasia</i> , 2016, 18, 307-316.	2.3	73
28	Serum 25-hydroxyvitamin D concentration is inversely associated with mucosal inflammation in patients with ulcerative colitis. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 113-120.	2.2	78
29	The Thr300Ala variant in ATG16L1 is associated with improved survival in human colorectal cancer and enhanced production of type I interferon. <i>Gut</i> , 2016, 65, 456-464.	6.1	71
30	Determination of American ginseng saponins and their metabolites in human plasma, urine and feces samples by liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 62-73.	1.2	34
31	Northern Latitude but Not Season Is Associated with Increased Rates of Hospitalizations Related to Inflammatory Bowel Disease: Results of a Multi-Year Analysis of a National Cohort. <i>PLoS ONE</i> , 2016, 11, e0161523.	1.1	17
32	Colon cancer and the epidermal growth factor receptor: Current treatment paradigms, the importance of diet, and the role of chemoprevention. <i>World Journal of Clinical Oncology</i> , 2015, 6, 133.	0.9	83
33	Tu1563 Identification of miRNAs Associated With Complete Barrett's Eradication-EMR Associated Esophageal Strictures: a Pilot Investigation. <i>Gastrointestinal Endoscopy</i> , 2015, 81, AB510-AB511.	0.5	0
34	Tumor suppressors miR-143 and miR-145 and predicted target proteins API5, ERK5, K-RAS, and IRS-1 are differentially expressed in proximal and distal colon. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G179-G187.	1.6	39
35	T-oligo as an anticancer agent in colorectal cancer. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 596-601.	1.0	13
36	Is RXR α Crucially Involved in Intestinal Inflammation?. <i>Digestive Diseases and Sciences</i> , 2014, 59, 702-703.	1.1	2

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37	The Renin-Angiotensin System Mediates EGF Receptor-Vitamin D Receptor Cross-Talk in Colitis-Associated Colon Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 5848-5859.	3.2	40
38	Titanium Dioxide in the Service of the Biomedical Revolution. <i>Chemical Reviews</i> , 2014, 114, 10177-10216.	23.0	254
39	TU-100 (Daikenchuto) and Ginger Ameliorate Anti-CD3 Antibody Induced T Cell-Mediated Murine Enteritis: Microbe-Independent Effects Involving Akt and NF- κ B Suppression. <i>PLoS ONE</i> , 2014, 9, e97456.	1.1	19
40	Compound K, a Ginsenoside Metabolite, Inhibits Colon Cancer Growth via Multiple Pathways Including p53-p21 Interactions. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2980-2995.	1.8	76
41	Gene Signature Distinguishes Patients with Chronic Ulcerative Colitis Harboring Remote Neoplastic Lesions. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 461-470.	0.9	39
42	In Vivo Assessment of Tumor Vascularity Using Confocal Laser Endomicroscopy in Murine Models of Colon Cancer. <i>Current Angiogenesis</i> , 2013, 2, 67-74.	0.1	2
43	Intestinal epithelial vitamin D receptor signaling inhibits experimental colitis. <i>Journal of Clinical Investigation</i> , 2013, 123, 3983-3996.	3.9	270
44	Both stromal cell and colonocyte epidermal growth factor receptors control HCT116 colon cancer cell growth in tumor xenografts. <i>Carcinogenesis</i> , 2012, 33, 1930-1939.	1.3	11
45	Tumor Suppressor Mir-193a-3p Is Down-Regulated in UC-Associated Neoplasia. <i>Inflammatory Bowel Diseases</i> , 2012, 18, S63.	0.9	0
46	Sa1617 In Vivo Assessments of EGFR Expression Using Confocal Laser Endomicroscopy in Experimental Models of Colon Cancer. <i>Gastrointestinal Endoscopy</i> , 2012, 75, AB222-AB223.	0.5	0
47	AMP-18 facilitates assembly and stabilization of tight junctions to protect the colonic mucosal barrier. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 1749-1759.	0.9	17
48	Estrogen receptor- α protects against colitis-associated neoplasia in mice. <i>International Journal of Cancer</i> , 2012, 131, 2553-2561.	2.3	65
49	miR-143 and miR-145 are downregulated in ulcerative colitis: Putative regulators of inflammation and protooncogenes. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 94-100.	0.9	108
50	Inactivation of the vitamin D receptor in APC ^{min/+} mice reveals a critical role for the vitamin D receptor in intestinal tumor growth. <i>International Journal of Cancer</i> , 2012, 130, 10-19.	2.3	63
51	EGFR Signals Downregulate Tumor Suppressors miR-143 and miR-145 in Western Diet-Promoted Murine Colon Cancer: Role of G1 Regulators. <i>Molecular Cancer Research</i> , 2011, 9, 960-975.	1.5	114
52	Upregulation of Glycogen Synthase Kinase 3 β in Human Colorectal Adenocarcinomas Correlates With Accumulation of CTNNB1. <i>Clinical Colorectal Cancer</i> , 2011, 10, 30-36.	1.0	18
53	Chitinase 3-Like-1 Expression in Colonic Epithelial Cells as a Potentially Novel Marker for Colitis-Associated Neoplasia. <i>American Journal of Pathology</i> , 2011, 179, 1494-1503.	1.9	74
54	The Microbe-Derived Short Chain Fatty Acid Butyrate Targets miRNA-Dependent p21 Gene Expression in Human Colon Cancer. <i>PLoS ONE</i> , 2011, 6, e16221.	1.1	174

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55	Inducible heat shock protein 70 prevents multifocal flat dysplastic lesions and invasive tumors in an inflammatory model of colon cancer. <i>Carcinogenesis</i> , 2009, 30, 175-182.	1.3	31
56	Epidermal Growth Factor Receptor Is Required for Colonic Tumor Promotion by Dietary Fat in the Azoxymethane/Dextran Sulfate Sodium Model: Roles of Transforming Growth Factor- and PTGS2. <i>Clinical Cancer Research</i> , 2009, 15, 6780-6789.	3.2	35
57	Sorafenib Triggers Antiproliferative and Pro-Apoptotic Signals in Human Esophageal Adenocarcinoma Cells. <i>Digestive Diseases and Sciences</i> , 2008, 53, 3055-3064.	1.1	26
58	Lithocholic acid down-regulation of NF- κ B activity through vitamin D receptor in colonic cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 111, 37-40.	1.2	77
59	Ursodeoxycholic Acid Suppresses Cox-2 Expression in Colon Cancer: Roles of Ras, p38, and CCAAT/Enhancer-Binding Protein. <i>Nutrition and Cancer</i> , 2008, 60, 389-400.	0.9	48
60	Epidermal Growth Factor Receptor Controls Flat Dysplastic Aberrant Crypt Foci Development and Colon Cancer Progression in the Rat Azoxymethane Model. <i>Clinical Cancer Research</i> , 2008, 14, 2253-2262.	3.2	49
61	Polyethylene glycol-mediated colorectal cancer chemoprevention: roles of epidermal growth factor receptor and Snail. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3103-3111.	1.9	25
62	Epidermal Growth Factor Receptor Signaling Is Required for Microadenoma Formation in the Mouse Azoxymethane Model of Colonic Carcinogenesis. <i>Cancer Research</i> , 2007, 67, 827-835.	0.4	48
63	A Vitamin D Analogue Inhibits Colonic Carcinogenesis in the AOM/DSS Model. <i>Journal of Surgical Research</i> , 2007, 142, 239-245.	0.8	68
64	Epidermal Growth Factor Receptor Signaling Is Up-regulated in Human Colonic Aberrant Crypt Foci. <i>Cancer Research</i> , 2006, 66, 5656-5664.	0.4	50
65	Protein Kinase- $\hat{\eta}$ Inhibits Collagen $\hat{\epsilon}$ “Dependent and Anchorage-Independent Growth and Enhances Apoptosis of Human Caco-2 Cells. <i>Molecular Cancer Research</i> , 2006, 4, 683-694.	1.5	32
66	Chemoprevention of colon carcinogenesis by polyethylene glycol: suppression of epithelial proliferation via modulation of SNAIL/ β 2-catenin signaling. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2060-2069.	1.9	22
67	Polyethylene glycol inhibits intestinal neoplasia and induces epithelial apoptosis in Apcmin mice. <i>Cancer Letters</i> , 2004, 215, 35-42.	3.2	19
68	Vitamin D receptor is not required for the rapid actions of 1,25-dihydroxyvitamin D3 to increase intracellular calcium and activate protein kinase C in mouse osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 794-801.	1.2	71
69	Ursodeoxycholic acid inhibits Ras mutations, wild-type Ras activation, and cyclooxygenase-2 expression in colon cancer. <i>Cancer Research</i> , 2003, 63, 3517-23.	0.4	44
70	Elevated protein expression of cyclin D1 and Fra-1 but decreased expression of c-Myc in human colorectal adenocarcinomas overexpressing β -catenin. <i>International Journal of Cancer</i> , 2002, 101, 301-310.	2.3	65
71	1,25-Dihydroxyvitamin D ₃ and TPA activate phospholipase D in Caco-2 cells: role of PKC- $\hat{\eta}$. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G993-G1004.	1.6	12
72	1,25-Dihydroxyvitamin D ₃ but not TPA activates PLD in Caco-2 cells via pp60 ^{c-src} and RhoA. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G1005-G1015.	1.6	11

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73	Inhibition of O ⁶ -methylguanine-DNA methyltransferase increases azoxymethane-induced colonic tumors in rats. <i>Carcinogenesis</i> , 1999, 20, 2355-2360.	1.3	21
74	1,25-Dihydroxyvitamin D ₃ Stimulates Activator Protein-1-dependent Caco-2 Cell Differentiation. <i>Journal of Biological Chemistry</i> , 1999, 274, 35505-35513.	1.6	107
75	1,25-Dihydroxyvitamin D ₃ Targets PKC- δ but Not PKC- ϵ to the Basolateral Plasma Membranes of Rat Colonocytes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 48-52.	1.0	4
76	Protein Kinase C and Mitogen-activated Protein Kinase Are Required for 1,25-Dihydroxyvitamin D ₃ -stimulated Egr Induction. <i>Journal of Biological Chemistry</i> , 1995, 270, 3642-3647.	1.6	98
77	1,25-dihydroxyvitamin D ₃ stimulates the phosphorylation of two acidic membrane proteins of 42,000 and 48,000 daltons in rat colonocytes: An effect modulated by vitamin D status. <i>Journal of Cellular Physiology</i> , 1995, 162, 172-180.	2.0	5
78	Selective preservation of protein kinase C- δ in the chemoprevention of azoxymethane-induced colonic tumors by piroxicam. <i>FEBS Letters</i> , 1995, 366, 143-145.	1.3	25