Nicole Beauchemin

List of Publications by Year
in descending order

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Version: 2024-02-01

85 papers	6,184 citations	109321 35 h-index	69250 77 g-index
88 all docs	88 docs citations	88 times ranked	8094 citing authors

#	Article	IF	Citations
1	Loss of NFE2L3 protects against inflammation-induced colorectal cancer through modulation of the tumor microenvironment. Oncogene, 2022, 41, 1563-1575.	5.9	13
2	Neutrophil Extracellular Trapâ€“Associated CEACAM1 as a Putative Therapeutic Target to Prevent Metastatic Progression of Colon Carcinoma. Journal of Immunology, 2020, 204, 2285-2294.	0.8	52
3	Impact of the Microbiome on the Human Genome. Trends in Parasitology, 2019, 35, 809-821.	3.3	5
4	Inactivation of Interferon Regulatory Factor 1 Causes Susceptibility to Colitis-Associated Colorectal Cancer. Scientific Reports, 2019, 9, 18897.	3.3	14
5	Next generation sequencing of progressive colorectal liver metastases after portal vein embolization. Clinical and Experimental Metastasis, 2017, 34, 351-361.	3.3	4
6	CEACAM1 as a Multi-Purpose Target for Cancer Immunotherapy. OncoImmunology, 2017, 6, 00-00.	4.6	79
7	Murine MTHFD1â€synthetase deficiency, a model for the human MTHFD1 R653Q polymorphism, decreases growth of colorectal tumors. Molecular Carcinogenesis, 2017, 56, 1030-1040.	2.7	7
8	EphA2 signaling is impacted by carcinoembryonic antigen cell adhesion molecule 1-L expression in colorectal cancer liver metastasis in a cell context-dependent manner. Oncotarget, 2017, 8, 104330-104346.	1.8	4
9	Mutational Profiles Reveal an Aberrant TGF-Î²-CEA Regulated Pathway in Colon Adenomas. PLoS ONE, 2016, 11, e0153933.	2.5	17
10	Magneto-aerotactic bacteria deliver drug-containing nanoliposomes to tumour hypoxic regions. Nature Nanotechnology, 2016, 11, 941-947.	31.5	810
11	Mapping hyper-susceptibility to colitis-associated colorectal cancer in FVB/NJ mice. Mammalian Genome, 2016, 27, 213-224.	2.2	0
12	Carcinoembryonic Antigen Cell Adhesion Molecule 1 long isoform modulates malignancy of poorly differentiated colon cancer cells. Gut, 2016, 65, 821-829.	12.1	20
13	CEACAM1 regulates integrinÎ±IIbÎ²3-mediated functions in platelets. Platelets, 2016, 27, 168-177.	2.3	11
14	CEACAM1 controls the EMT switch in murine mammary carcinomain vitroandin vivo. Oncotarget, 2016, 7, 63730-63746.	1.8	22
15	The p53 status can influence the role of Sam68 in tumorigenesis. Oncotarget, 2016, 7, 71651-71659.	1.8	6
16	Colitis-associated colon cancer: Is it in your genes?. World Journal of Gastroenterology, 2015, 21, 11688.	3.3	48
17	CEACAM1 induces B-cell survival and is essential for protective antiviral antibody production. Nature Communications, 2015, 6, 6217.	12.8	42
18	The Nlrp3 Inflammasome Suppresses Colorectal Cancer Metastatic Growth in the Liver by Promoting Natural Killer Cell Tumoricidal Activity. Immunity, 2015, 43, 751-763.	14.3	261

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19	CEACAM1 regulates TIM-3-mediated tolerance and exhaustion. Nature, 2015, 517, 386-390.	27.8	525
20	Hepatocyte-specificPtpn6deletion promotes hepatic lipid accretion, but reduces NAFLD in diet-induced obesity: Potential role of PPARÎ³. Hepatology, 2014, 59, 1803-1815.	7.3	28
21	p66ShcA Promotes Breast Cancer Plasticity by Inducing an Epithelial-to-Mesenchymal Transition. Molecular and Cellular Biology, 2014, 34, 3689-3701.	2.3	19
22	Inflammation-Induced Tumorigenesis in Mouse Colon Is Caspase-6 Independent. PLoS ONE, 2014, 9, e114270.	2.5	8
23	CEA Gene Family. , 2014, , 870-874.		0
24	CEA Gene Family. , 2014, , 1-5.		0
25	Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) in cancer progression and metastasis. Cancer and Metastasis Reviews, 2013, 32, 643-671.	5.9	370
26	Ceacam1 deletion causes vascular alterations in large vessels. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E519-E529.	3.5	30
27	<scp>CEACAM</scp>1 on activated <scp>NK</scp> cells inhibits <scp>NKG</scp>2<scp>D</scp>â€mediated cytolytic function and signaling. European Journal of Immunology, 2013, 43, 2473-2483.	2.9	44
28	Positional Mapping and Candidate Gene Analysis of the Mouse Ccs3 Locus That Regulates Differential Susceptibility to Carcinogen-Induced Colorectal Cancer. PLoS ONE, 2013, 8, e58733.	2.5	5
29	Stromal CEACAM1 expression regulates colorectal cancer metastasis. OncoImmunology, 2012, 1, 1205-1207.	4.6	4
30	Hepatocyte-Specific Ptpn6 Deletion Protects From Obesity-Linked Hepatic Insulin Resistance. Diabetes, 2012, 61, 1949-1958.	0.6	34
31	The Short Isoform of the CEACAM1 Receptor in Intestinal T Cells Regulates Mucosal Immunity and Homeostasis via Tfh Cell Induction. Immunity, 2012, 37, 930-946.	14.3	40
32	Ceacam1 Separates Graft-versus-Host-Disease from Graft-versus-Tumor Activity after Experimental Allogeneic Bone Marrow Transplantation. PLoS ONE, 2011, 6, e21611.	2.5	3
33	<scp>CEACAM1</scp> deficiency delays important wound healing processes. Wound Repair and Regeneration, 2011, 19, 745-752.	3.0	10
34	Compartmentalized CDK2 is connected with SHP-1 and Î²-catenin and regulates insulin internalization. Cellular Signalling, 2011, 23, 911-919.	3.6	21
35	The Colorectal Tumor Microenvironment: The Next Decade. Cancer Microenvironment, 2011, 4, 181-185.	3.1	20
36	Genetic control of susceptibility to carcinogen-induced colorectal cancer in mice: TheCcs3andCcs5loci regulate different aspects of tumorigenesis. Cell Cycle, 2011, 10, 1739-1749.	2.6	9

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37	CEACAM1 dampens antitumor immunity by down-regulating NKG2D ligand expression on tumor cells. Journal of Experimental Medicine, 2011, 208, 2633-2640.	8.5	64
38	Control of Intestinal Homeostasis, Colitis, and Colitis-Associated Colorectal Cancer by the Inflammatory Caspases. Immunity, 2010, 32, 367-378.	14.3	461
39	CEACAM1: a key regulator of vascular permeability. Journal of Cell Science, 2010, 123, 4221-4230.	2.0	54
40	The cytolytic molecules Fas ligand and TRAIL are required for murine thymic graft-versus-host disease. Journal of Clinical Investigation, 2010, 120, 343-356.	8.2	62
41	A two-locus system controls susceptibility to colitis-associated colon cancer in mice. Oncotarget, 2010, 1, 436-46.	1.8	180
42	A Two-Locus System Controls Susceptibility to Colitis-Associated Colon Cancer in Mice. Oncotarget, 2010, 1, 436-446.	1.8	16
43	Targeted Disruption of Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 Promotes Diet-Induced Hepatic Steatosis and Insulin Resistance. Endocrinology, 2009, 150, 3503-3512.	2.8	45
44	A synergistic interferonâ€Î³ production is induced by mouse hepatitis virus in interleukinâ€12 (ILâ€12)/ILâ€18â€activated natural killer cells and modulated by carcinoembryonic antigenâ€related cell adhesion molecules (CEACAM) 1a receptor. Immunology, 2009, 128, e551-61.	4.4	4
45	Expression of newly identified secretory CEACAM1a isoforms in the intestinal epithelium. Biochemical and Biophysical Research Communications, 2009, 383, 340-346.	2.1	14
46	Macrophage interleukinâ€6 and tumour necrosis factorâ€Î± are induced by coronavirus fixation to Tollâ€like receptor 2/heparan sulphate receptors but not carcinoembryonic cell adhesion antigen 1a. Immunology, 2009, 128, e181-92.	4.4	29
47	CEACAM1 negatively regulates platelet-collagen interactions and thrombus growth in vitro and in vivo. Blood, 2009, 113, 1818-1828.	1.4	70
48	CEACAM1+ myeloid cells control angiogenesis in inflammation. Blood, 2009, 113, 6726-6736.	1.4	47
49	Perturbation of Lytic and Latent Gammaherpesvirus Infection in the Absence of the Inhibitory Receptor CEACAM1. PLoS ONE, 2009, 4, e6317.	2.5	5
50	TRAIL/ DR5 Interactions Are Important for Thymic Damage After Allogeneic Bone Marrow Transplantation.. Blood, 2009, 114, 234-234.	1.4	0
51	The Spike Glycoprotein of Murine Coronavirus MHV-JHM Mediates Receptor-Independent Infection and Spread in the Central Nervous Systems ofCeacam1a^{â^'/â^'}Mice. Journal of Virology, 2008, 82, 755-763.	3.4	61
52	CEACAM-1 Is Involved in Graft-Versus-Host-Disease in Murine Allogeneic Bone Marrow Transplantation Models.. Blood, 2007, 110, 67-67.	1.4	4
53	The SHP-1 protein tyrosine phosphatase negatively modulates glucose homeostasis. Nature Medicine, 2006, 12, 549-556.	30.7	141
54	Carcinoembryonic antigen-related cell adhesion molecule 1 modulates vascular remodeling in vitro and in vivo. Journal of Clinical Investigation, 2006, 116, 1596-1605.	8.2	78

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55	Insulin acutely decreases hepatic fatty acid synthase activity. Cell Metabolism, 2005, 2, 43-53.	16.2	84
56	The cytoplasmic domain of CEACAM1-L controls its lateral localization and the organization of desmosomes in polarized epithelial cells. Journal of Cell Science, 2004, 117, 1091-1104.	2.0	40
57	C eacam1a â^'/â^' Mice Are Completely Resistant to Infection by Murine Coronavirus Mouse Hepatitis Virus A59. Journal of Virology, 2004, 78, 10156-10165.	3.4	79
58	Receptor-Dependent Coronavirus Infection of Dendritic Cells. Journal of Virology, 2004, 78, 5486-5490.	3.4	25
59	Maneuvering for advantage: the genetics of mouse susceptibility to virus infection. Trends in Genetics, 2003, 19, 447-457.	6.7	11
60	Activation of CEA-CAM-1-mediated cell adhesion via CD98: involvement of PKCÎ´. FEBS Letters, 2003, 552, 184-188.	2.8	8
61	CEACAM1 is a potent regulator of B cell receptor complex-induced activation. Journal of Leukocyte Biology, 2003, 74, 126-134.	3.3	55
62	Distinct Rho GTPase Activities Regulate Epithelial Cell Localization of the Adhesion Molecule CEACAM1: Involvement of the CEACAM1 Transmembrane Domain. Molecular and Cellular Biology, 2003, 23, 7291-7304.	2.3	14
63	The Cell Adhesion Molecule CEACAM1-L Is a Substrate of Caspase-3-mediated Cleavage in Apoptotic Mouse Intestinal Cells. Journal of Biological Chemistry, 2003, 278, 16929-16935.	3.4	25
64	Computational Analysis of Isoformâ€Specific Signal Regulation by CEACAM1â€"A Cell Adhesion Molecule Expressed in PC12 Cells. Annals of the New York Academy of Sciences, 2002, 971, 597-607.	3.8	26
65	The CEACAM1-L Ser503 residue is crucial for inhibition of colon cancer cell tumorigenicity. Oncogene, 2001, 20, 219-230.	5.9	42
66	Targeted Disruption of the Ceacam1 (MHVR) Gene Leads to Reduced Susceptibility of Mice to Mouse Hepatitis Virus Infection. Journal of Virology, 2001, 75, 8173-8186.	3.4	48
67	The CEACAM1-L Glycoprotein Associates with the Actin Cytoskeleton and Localizes to Cellâ€"Cell Contact through Activation of Rho-like GTPases. Molecular Biology of the Cell, 2000, 11, 65-77.	2.1	59
68	In Memorium: Robert Cedergren (1939â€"1998). Rna, 1999, 5, 147-148.	3.5	0
69	The Carboxyl-terminal Region of Biliary Glycoprotein Controls Its Tyrosine Phosphorylation and Association with Protein-tyrosine Phosphatases SHP-1 and SHP-2 in Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 335-344.	3.4	154
70	Comparison of expression patterns and cell adhesion properties of the mouse biliary glycoproteins Bgp1 and Bgp2. FEBS Journal, 1999, 264, 534-544.	0.2	30
71	cis-Determinants in the cytoplasmic domain of CEACAM1 responsible for its tumor inhibitory function. Oncogene, 1999, 18, 5563-5572.	5.9	78
72	The cell adhesion molecule C-CAM is a substrate for tissue transglutaminase. FEBS Letters, 1998, 425, 141-144.	2.8	11

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73	Regulation of Mouse PECAM-1 Tyrosine Phosphorylation by the Src and Csk Families of Protein-tyrosine Kinases. Journal of Biological Chemistry, 1998, 273, 15765-15772.	3.4	96
74	Mutational Analysis of the Virus and Monoclonal Antibody Binding Sites in MHVR, the Cellular Receptor of the Murine Coronavirus Mouse Hepatitis Virus Strain A59. Journal of Virology, 1998, 72, 1941-1948.	3.4	44
75	Association of biliary glycoprotein with protein tyrosine phosphatase SHP-1 in malignant colon epithelial cells. Oncogene, 1997, 14, 783-790.	5.9	134
76	Biliary glycoprotein 1 expression during embryogenesis: Correlation with events of epithelial differentiation, mesenchymal-epithelial interactions, absorption, and myogenesis. Developmental Dynamics, 1996, 206, 272-290.	1.8	29
77	The Cea10 Gene Encodes A Secreted Member of the Murine Carcinoembryonic Antigen Family and is Expressed in the Placenta, Gastrointestinal Tract and Bone Marrow. FEBS Journal, 1995, 229, 455-464.	0.2	22
78	Characterization and Transcriptional Activity of the Mouse Biliary Glycoprotein 1 Gene, a Carcinoembryonic Antigen-Related Gene. FEBS Journal, 1995, 231, 104-114.	0.2	24
79	Transcriptional control of the human biliary glycoprotein gene, a CEA gene family member down-regulated in colorectal carcinomas. FEBS Journal, 1994, 223, 529-541.	0.2	35
80	Expression of the Bgp gene and characterization of mouse colon biliary glycoprotein isoforms. Gene, 1993, 127, 173-183.	2.2	72
81	The conformation of single-stranded nucleic acids. tDNA versus tRNA. FEBS Journal, 1990, 189, 259-265.	0.2	29
82	Carcinoembryonic antigen, a human tumor marker, functions as an intercellular adhesion molecule. Cell, 1989, 57, 327-334.	28.9	902
83	The in vivo stability, maturation and aminoacylation of anticodon-substituted Escherichia coli initiator methionine tRNAs. FEBS Journal, 1987, 166, 325-332.	0.2	13
84	Construction, aminoacylation and 80 S ribosomal complex formation with a yeast initiator tRNA having an arginine CCU anticodon. FEBS Letters, 1986, 202, 12-18.	2.8	6
85	The characterization of the tRNAs and aminoacyl-tRNA synthetases of the blue-green alga, Anacystis nidulans. Archives of Biochemistry and Biophysics, 1973, 156, 17-25.	3.0	23