

Carole Nicco

List of Publications by Year in descending order

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103
papers

6,535
citations

94269

37
h-index

64668

79
g-index

121
all docs

121
docs citations

121
times ranked

10833
citing authors

#	ARTICLE	IF	CITATIONS
1	Unfolding the role of protein misfolding in neurodegenerative diseases. <i>Nature Reviews Neuroscience</i> , 2003, 4, 49-60.	4.9	1,271
2	ICAM-1 on exosomes from mature dendritic cells is critical for efficient naive T-cell priming. <i>Blood</i> , 2005, 106, 216-223.	0.6	501
3	Controlling tumor growth by modulating endogenous production of reactive oxygen species. <i>Cancer Research</i> , 2005, 65, 948-56.	0.4	364
4	Accumulation of hydrogen peroxide is an early and crucial step for paclitaxel-induced cancer cell death both in vitro and in vivo. <i>International Journal of Cancer</i> , 2006, 119, 41-48.	2.3	284
5	Reactive Oxygen Species Controls Endometriosis Progression. <i>American Journal of Pathology</i> , 2009, 175, 225-234.	1.9	228
6	Selective Oxidation of DNA Topoisomerase 1 Induces Systemic Sclerosis in the Mouse. <i>Journal of Immunology</i> , 2009, 182, 5855-5864.	0.4	176
7	Platelet CD154 Potentiates Interferon- γ Secretion by Plasmacytoid Dendritic Cells in Systemic Lupus Erythematosus. <i>Science Translational Medicine</i> , 2010, 2, 47ra63.	5.8	174
8	Improvement of the Therapeutic Index of Anticancer Drugs by the Superoxide Dismutase Mimic Mangafodipir. <i>Journal of the National Cancer Institute</i> , 2006, 98, 236-244.	3.0	172
9	Sorafenib-Induced Hepatocellular Carcinoma Cell Death Depends on Reactive Oxygen Species Production <i>In Vitro</i> and <i>In Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2284-2293.	1.9	168
10	The Effects of Allicin, a Reactive Sulfur Species from Garlic, on a Selection of Mammalian Cell Lines. <i>Antioxidants</i> , 2017, 6, 1.	2.2	138
11	Differential modulation of normal and tumor cell proliferation by reactive oxygen species. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 169-174.	2.5	122
12	Synthesis and Selective Anticancer Activity of Organochalcogen Based Redox Catalysts. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6954-6963.	2.9	119
13	Pivotal role of superoxide anion and beneficial effect of antioxidant molecules in murine steatohepatitis. <i>Hepatology</i> , 2004, 39, 1277-1285.	3.6	114
14	Production of Superoxide Anions by Keratinocytes Initiates P. acnes-Induced Inflammation of the Skin. <i>PLoS Pathogens</i> , 2009, 5, e1000527.	2.1	108
15	Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung. <i>Hypertension</i> , 2001, 38, 1143-1149.	1.3	107
16	Targeting the Cannabinoid Pathway Limits the Development of Fibrosis and Autoimmunity in a Mouse Model of Systemic Sclerosis. <i>American Journal of Pathology</i> , 2010, 177, 187-196.	1.9	102
17	Dimethyl fumarate, a two-edged drug: Current status and future directions. <i>Medicinal Research Reviews</i> , 2019, 39, 1923-1952.	5.0	98
18	The mTOR/AKT Inhibitor Temsirolimus Prevents Deep Infiltrating Endometriosis in Mice. <i>American Journal of Pathology</i> , 2011, 179, 880-889.	1.9	96

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19	Targeting ADAM β 17/notch signaling abrogates the development of systemic sclerosis in a murine model. <i>Arthritis and Rheumatism</i> , 2010, 62, 3477-3487.	6.7	93
20	Radical oxygen species production induced by advanced oxidation protein products predicts clinical evolution and response to treatment in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1202-1209.	0.5	92
21	Microbiota medicine: towards clinical revolution. <i>Journal of Translational Medicine</i> , 2022, 20, 111.	1.8	87
22	Trained immunity modulates inflammation-induced fibrosis. <i>Nature Communications</i> , 2019, 10, 5670.	5.8	80
23	The Nrf2-Antioxidant Response Element Signaling Pathway Controls Fibrosis and Autoimmunity in Scleroderma. <i>Frontiers in Immunology</i> , 2018, 9, 1896.	2.2	70
24	Protein kinase inhibitors can control the progression of endometriosis <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Pathology</i> , 2010, 222, 148-157.	2.1	68
25	HIP/PAP accelerates liver regeneration and protects against acetaminophen injury in mice. <i>Hepatology</i> , 2005, 42, 618-626.	3.6	63
26	Long-term treatment with fasudil improves bleomycin-induced pulmonary fibrosis and pulmonary hypertension via inhibition of Smad2/3 phosphorylation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 635-643.	1.1	63
27	Antiproliferative Effects of Cannabinoid Agonists on Deep Infiltrating Endometriosis. <i>American Journal of Pathology</i> , 2010, 177, 2963-2970.	1.9	60
28	Treatment of oxaliplatin-induced peripheral neuropathy by intravenous mangafodipir. <i>Journal of Clinical Investigation</i> , 2014, 124, 262-272.	3.9	59
29	Arsenic Trioxide Exerts Antitumor Activity through Regulatory T Cell Depletion Mediated by Oxidative Stress in a Murine Model of Colon Cancer. <i>Journal of Immunology</i> , 2012, 189, 5171-5177.	0.4	58
30	Treatment with abatacept prevents experimental dermal fibrosis and induces regression of established inflammation-driven fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2142-2149.	0.5	56
31	Dimethyl Fumarate Controls the NRF2/DJ-1 Axis in Cancer Cells: Therapeutic Applications. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 529-539.	1.9	54
32	PDE4 Inhibition Prevents Preterm Delivery Induced by an Intrauterine Inflammation. <i>Journal of Immunology</i> , 2007, 178, 1115-1121.	0.4	50
33	OX40L blockade protects against inflammation-driven fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3901-10.	3.3	50
34	Reactive oxygen species β -mediated killing of activated fibroblasts by arsenic trioxide ameliorates fibrosis in a murine model of systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3430-3440.	6.7	47
35	ROS Modulator Molecules with Therapeutic Potential in Cancers Treatments. <i>Molecules</i> , 2018, 23, 84.	1.7	43
36	Pivotal role of glutathione depletion in plasma-induced endothelial oxidative stress during sepsis. <i>Critical Care Medicine</i> , 2008, 36, 2328-2334.	0.4	42

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37	T-cell costimulation blockade is effective in experimental digestive and lung tissue fibrosis. <i>Arthritis Research and Therapy</i> , 2018, 20, 197.	1.6	40
38	Arsenic Trioxide Prevents Murine Sclerodermatous Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2012, 188, 5142-5149.	0.4	38
39	Role of the CXCL12â€“CXCR4 axis in the development of deep rectal endometriosis. <i>Journal of Reproductive Immunology</i> , 2014, 103, 45-52.	0.8	37
40	Niclosamide Inhibits Oxaliplatin Neurotoxicity while Improving Colorectal Cancer Therapeutic Response. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 300-311.	1.9	37
41	A Mimic of p21WAF1/CIP1 Ameliorates Murine Lupus. <i>Journal of Immunology</i> , 2005, 175, 6959-6967.	0.4	36
42	Macrophage Immune Memory Controls Endometriosis in Mice and Humans. <i>Cell Reports</i> , 2020, 33, 108325.	2.9	36
43	Amelioration of Systemic Fibrosis in Mice by Angiotensin II Receptor Blockade. <i>Arthritis and Rheumatism</i> , 2013, 65, 1367-1377.	6.7	35
44	Pantethine Prevents Murine Systemic Sclerosis Through the Inhibition of Microparticle Shedding. <i>Arthritis and Rheumatology</i> , 2015, 67, 1881-1890.	2.9	35
45	Sunitinib inhibits the phosphorylation of plateletâ€“derived growth factor receptor Î² in the skin of mice with sclerodermaâ€“like features and prevents the development of the disease. <i>Arthritis and Rheumatism</i> , 2012, 64, 1990-2000.	6.7	34
46	RhoA/Rho-kinase activation promotes lung fibrosis in an animal model of systemic sclerosis. <i>Experimental Lung Research</i> , 2016, 42, 44-55.	0.5	34
47	From Donor to Patient: Collection, Preparation and Cryopreservation of Fecal Samples for Fecal Microbiota Transplantation. <i>Diseases (Basel, Switzerland)</i> , 2020, 8, 9.	1.0	31
48	Alteration of Nrf2 and Glutamate Cysteine Ligase expression contribute to lesions growth and fibrogenesis in ectopic endometriosis. <i>Free Radical Biology and Medicine</i> , 2017, 110, 1-10.	1.3	30
49	Gender Differences in the Susceptibility to Renal Ischemia-Reperfusion Injury in BALB/c Mice. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 218, 325-329.	0.5	29
50	Dimethyl fumarate is highly cytotoxic in KRAS mutated cancer cells but spares non-tumorigenic cells. <i>Oncotarget</i> , 2018, 9, 9088-9099.	0.8	29
51	Amniotic Membrane Grafts for the Prevention of Esophageal Stricture after Circumferential Endoscopic Submucosal Dissection. <i>PLoS ONE</i> , 2014, 9, e100236.	1.1	29
52	Clopidogrel protects from cell apoptosis and oxidative damage in a mouse model of renal ischaemiaâ€“reperfusion injury. <i>Journal of Pathology</i> , 2011, 225, 265-275.	2.1	28
53	Imbalance of the Vanin-1 Pathway in Systemic Sclerosis. <i>Journal of Immunology</i> , 2016, 197, 3326-3335.	0.4	28
54	Niclosamide Prevents Systemic Sclerosis in a Reactive Oxygen Speciesâ€“Induced Mouse Model. <i>Journal of Immunology</i> , 2016, 197, 3018-3028.	0.4	28

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55	Chalcone-Coumarin Derivatives as Potential Anti-Cancer Drugs: An in vitro and in vivo Investigation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 14, 963-974.	0.9	27
56	Inhibition of EGFR Tyrosine Kinase by Erlotinib Prevents Sclerodermatous Graft-Versus-Host Disease in a Mouse Model. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2385-2393.	0.3	21
57	Macrophage Migration Inhibitory Factor (MIF) Inhibition in a Murine Model of Bleomycin-Induced Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4105.	1.8	21
58	B lymphocytes inactivation by Ibrutinib limits endometriosis progression in mice. <i>Human Reproduction</i> , 2019, 34, 1225-1234.	0.4	21
59	Preventive action of benztropine on platinum-induced peripheral neuropathies and tumor growth. <i>Acta Neuropathologica Communications</i> , 2019, 7, 9.	2.4	21
60	Role of thyroid dysimmunity and thyroid hormones in endometriosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11894-11899.	3.3	20
61	The organotelluride catalyst LAB027 prevents colon cancer growth in the mice. <i>Cell Death and Disease</i> , 2011, 2, e191-e191.	2.7	19
62	Tumor invasion induced by oxidative stress is dependent on membrane ADAM 9 protein and its secreted form. <i>International Journal of Cancer</i> , 2011, 129, 791-798.	2.3	19
63	Mangafodipir Protects against Hepatic Ischemia-Reperfusion Injury in Mice. <i>PLoS ONE</i> , 2011, 6, e27005.	1.1	17
64	The Organotelluride Catalyst (PHTe)2NQ Prevents HOCl-Induced Systemic Sclerosis in Mouse. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1125-1132.	0.3	16
65	The natural organosulfur compound dipropyltetrasulfide prevents HOCl-induced systemic sclerosis in the mouse. <i>Arthritis Research and Therapy</i> , 2013, 15, R167.	1.6	16
66	Antiproliferative effects of anastrozole, methotrexate, and 5-fluorouracil on endometriosis in vitro and in vivo. <i>Fertility and Sterility</i> , 2010, 94, 1632-1638.e1.	0.5	15
67	Improvement of Sclerodermatous Graft-Versus-Host Disease in Mice by Niclosamide. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2158-2167.	0.3	15
68	Microbiota Quality and Mitochondrial Activity Link with Occurrence of Muscle Cramps in Hemodialysis Patients using Citrate Dialysate: A Pilot Study. <i>Blood Purification</i> , 2018, 46, 301-308.	0.9	15
69	Ultrasound-induced Cavitation enhances the efficacy of Chemotherapy in a 3D Model of Pancreatic Ductal Adenocarcinoma with its microenvironment. <i>Scientific Reports</i> , 2019, 9, 18916.	1.6	14
70	Increased exhaled nitric oxide precedes lung fibrosis in two murine models of systemic sclerosis. <i>Journal of Breath Research</i> , 2015, 9, 036007.	1.5	13
71	Identification of TP53 mutated group using a molecular and immunohistochemical classification of endometrial carcinoma to improve prognostic evaluation for adjuvant treatments. <i>International Journal of Gynecological Cancer</i> , 2020, 30, 640-647.	1.2	13
72	Bystander effect of vinorelbine alters antitumor immune response. <i>International Journal of Cancer</i> , 2011, 129, 1511-1518.	2.3	12

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73	Leflunomide prevents ROS-induced systemic fibrosis in mice. <i>Free Radical Biology and Medicine</i> , 2017, 108, 192-203.	1.3	12
74	Immune cells and Notch1 signaling appear to drive the epithelial to mesenchymal transition in the development of adenomyosis in mice. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	12
75	Effect of salt and water intake on epithelial sodium channel mRNA abundance in the kidney of salt-sensitive Sabra rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003, 30, 963-965.	0.9	11
76	Topical hemostatic powder promotes reepithelialization and reduces scar formation after extensive esophageal mucosal resection. <i>Ecological Management and Restoration</i> , 2016, 29, 520-527.	0.2	11
77	Oxaliplatin-induced neuropathy: the preventive effect of a new super-oxide dismutase modulator. <i>Oncotarget</i> , 2019, 10, 6418-6431.	0.8	11
78	ADAM9 expression promotes an aggressive lung adenocarcinoma phenotype. <i>Tumor Biology</i> , 2017, 39, 101042831771607.	0.8	10
79	The NRF2 transcriptional target NQO1 has low mRNA levels in TP53-mutated endometrial carcinomas. <i>PLoS ONE</i> , 2019, 14, e0214416.	1.1	10
80	Role of the protein kinase BRAF in the pathogenesis of endometriosis. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1017-1029.	1.5	9
81	Cavitation-induced release of liposomal chemotherapy in orthotopic murine pancreatic cancer models: A feasibility study. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019, 43, 669-681.	0.7	9
82	Viability and Efficacy of Coverage of Cryopreserved Human Skin Allografts in Mice. <i>International Journal of Lower Extremity Wounds</i> , 2010, 9, 132-140.	0.6	8
83	Protective effect of pristane on experimental autoimmune uveitis. <i>Immunology Letters</i> , 2011, 141, 83-93.	1.1	7
84	Prevention of esophageal stricture after circumferential endoscopic submucosal dissection using a modified self-assembling peptide. <i>Ecological Management and Restoration</i> , 2021, 34, .	0.2	7
85	Tumor Recurrence After Partial Hepatectomy for Liver Metastases in Rats: Prevention by In Vivo Injection of Irradiated Cancer Cells Expressing GMCSF and IL-12. <i>Journal of Surgical Research</i> , 2008, 149, 184-191.	0.8	6
86	Therapeutic Potential of Anti-Interferon $\hat{\pm}$ Vaccination on SjS-Related Features in the MRL/lpr Autoimmune Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 666134.	2.2	6
87	Acazicolcept (ALPN-101), a dual ICOS/CD28 antagonist, demonstrates efficacy in systemic sclerosis preclinical mouse models. <i>Arthritis Research and Therapy</i> , 2022, 24, 13.	1.6	6
88	Comment on "The potential contribution of tumour-related factors to the development of FOLFOX-induced sinusoidal obstruction syndrome"™. <i>British Journal of Cancer</i> , 2016, 115, e7-e7.	2.9	5
89	BCG-trained innate immunity leads to fetal growth restriction by altering immune cell profile in the mouse developing placenta. <i>Journal of Leukocyte Biology</i> , 2022, 111, 1009-1020.	1.5	4
90	Regulation by sodium intake of type 1 angiotensin II receptor mRNAs in the kidney of Sabra rats. <i>Journal of Hypertension</i> , 2000, 18, 1097-1105.	0.3	1

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91	LP Slow-Macrophages Alleviate the Outcome of Graft-Versus-Host Disease Without Aggravating Lymphoma Growth in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 670776.	2.2	1
92	A New Topical Candidate in Acne Treatment: Characterization of the Meclozine Hydrochloride as an Anti-Inflammatory Compound from In Vitro to a Preliminary Clinical Study. <i>Biomedicines</i> , 2022, 10, 931.	1.4	1
93	Modulation of interferon-[alpha] secretion by activated platelets in systemic lupus erythematosus.. <i>Nature Precedings</i> , 2008, , .	0.1	0
94	L'abatacept permet la prévention de la fibrose expérimentale digestive, pulmonaire et vasculaire. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2016, 83, A51-A52.	0.0	0
95	OP0307...Treatment of baff transgenic mice with ANTI-TNF: monoclonal ANTI-TNF are associated with a higher risk of lymphoma than etanercept. , 2017, , .		0
96	P028...Treatment of BAFF transgenic mice with ANTI-TNF: monoclonal ANTI-TNF are associated with a higher risk of lymphoma than etanercept. , 2018, , .		0
97	Long-term exposure to monoclonal anti-TNF is associated with an increased risk of lymphoma in BAFF-transgenic mice. <i>Clinical and Experimental Immunology</i> , 2021, 205, 169-181.	1.1	0
98	27372 Meclozine, a novel anti-inflammatory therapeutic in C acnes-induced inflammation in vitro and in vivo. <i>Journal of the American Academy of Dermatology</i> , 2021, 85, AB138.	0.6	0
99	A new strategy against endometriosis: Oral probiotic treatments. <i>Clinical Obstetrics, Gynecology and Reproductive Medicine</i> , 2021, 7, .	0.2	0
100	Détection de lésions néoplasiques colorectales par sonde endoscopique scintillante miniaturisée: Étude de faisabilité in vivo dans un modèle murin de cancer colique. <i>Endoscopy</i> , 2012, 44, .	1.0	0
101	OP0089...Abatacept is effective in experimental digestive and lung tissue fibrosis. , 2018, , .		0
102	Effect of NADPH oxidase inhibitors on lung fibroblast proliferation in systemic sclerosis. , 2018, , .		0
103	Late Breaking Abstract - MIF inhibition in a murine model of bleomycin-induced lung fibrosis. , 2018, , .		0