Nunzia Bernardini

List of Publications by Year
in descending order

77 papers	2,224 citations	185998 28 h-index	253896 43 g-index
79 all docs	79 docs citations	79 times ranked	3271 citing authors

#	Article	IF	Citations
1	Vascular Generation of Tumor Necrosis Factor-Î± Reduces Nitric Oxide Availability in Small Arteries From Visceral Fat of Obese Patients. Journal of the American College of Cardiology, 2011, 58, 238-247.	1.2	98
2	Endothelial Dysfunction in Small Arteries of Essential Hypertensive Patients. Hypertension, 2013, 62, 337-344.	1.3	97
3	Histochemical Detection of Collagen Fibers by Sirius Red/Fast Green Is More Sensitive than van Gieson or Sirius Red Alone in Normal and Inflamed Rat Colon. PLoS ONE, 2015, 10, e0144630.	1.1	96
4	Cyclooxygenase-2 Inhibition Improves Vascular Endothelial Dysfunction in a Rat Model of Endotoxic Shock: Role of Inducible Nitric-Oxide Synthase and Oxidative Stress. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 945-953.	1.3	92
5	Immunohistochemical analysis of myenteric ganglia and interstitial cells of Cajal in ulcerative colitis. Journal of Cellular and Molecular Medicine, 2012, 16, 318-327.	1.6	88
6	Alteration of colonic excitatory tachykininergic motility and enteric inflammation following dopaminergic nigrostriatal neurodegeneration. Journal of Neuroinflammation, 2016, 13, 146.	3.1	77
7	Cyclooxygenase-1 Is Involved in Endothelial Dysfunction of Mesenteric Small Arteries From Angiotensin IIâ€“Infused Mice. Hypertension, 2007, 49, 679-686.	1.3	66
8	Different Impact of Essential Hypertension on Structural and Functional Age-Related Vascular Changes. Hypertension, 2017, 69, 71-78.	1.3	63
9	Gastric motor dysfunctions in Parkinson's disease: Current pre-clinical evidence. Parkinsonism and Related Disorders, 2015, 21, 1407-1414.	1.1	56
10	Microvascular Endothelial Dysfunction in Human Obesity: Role of TNF-Î±. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 341-348.	1.8	54
11	Microvascular Endothelial Dysfunction in Patients with Obesity. Current Hypertension Reports, 2019, 21, 32.	1.5	53
12	Role of cyclooxygenases 1 and 2 in the modulation of neuromuscular functions in the distal colon of humans and mice. Gut, 2005, 54, 608-616.	6.1	52
13	Fibrotic and Vascular Remodelling of Colonic Wall in Patients with Active Ulcerative Colitis. Journal of Crohn's and Colitis, 2016, 10, 1194-1204.	0.6	50
14	Interaction of human gingival fibroblasts with PVA/gelatine sponges. Micron, 2008, 39, 569-579.	1.1	49
15	Enteric Dysfunctions in Experimental Parkinsons Disease: Alterations of Excitatory Cholinergic Neurotransmission Regulating Colonic Motility in Rats. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 233-243.	1.3	49
16	The flavonoid compound apigenin prevents colonic inflammation and motor dysfunctions associated with high fat diet-induced obesity. PLoS ONE, 2018, 13, e0195502.	1.1	47
17	The Î²₃â€adrenoceptor agonist SR58611A ameliorates experimental colitis in rats. Neurogastroenterology and Motility, 2008, 20, 1030-1041.	1.6	44
18	Intestinal dysfunction in Parkinson's disease: Lessons learned from translational studies and experimental models. Neurogastroenterology and Motility, 2016, 28, 1781-1791.	1.6	41

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19	Aging Modulates the Influence of Arginase on Endothelial Dysfunction in Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2474-2483.	1.1	41
20	Vascular Dysfunction in a Mouse Model of Rett Syndrome and Effects of Curcumin Treatment. PLoS ONE, 2013, 8, e64863.	1.1	41
21	The Heparan Sulfate Suleparoide Inhibits Rat Corneal Angiogenesis and in vitro Neovascularization. Experimental Eye Research, 1998, 67, 133-142.	1.2	39
22	Enteric Glia at the Crossroads between Intestinal Immune System and Epithelial Barrier: Implications for Parkinson Disease. International Journal of Molecular Sciences, 2020, 21, 9199.	1.8	35
23	Immunohistochemical localization of the epidermal growth factor, transforming growth factor Î±, and their receptor in the human mesonephros and metanephros. , 1996, 206, 231-238.		34
24	Differential Role of Cyclooxygenase 1 and 2 Isoforms in the Modulation of Colonic Neuromuscular Function in Experimental Inflammation. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 938-945.	1.3	34
25	Gelatine/PLLA sponge-like scaffolds: morphological and biological characterization. Journal of Materials Science: Materials in Medicine, 2007, 18, 1399-1405.	1.7	34
26	Cell-specific pattern of berberine pleiotropic effects on different human cell lines. Scientific Reports, 2018, 8, 10599.	1.6	34
27	Involvement of metalloprotease-2 in the development of human brain microvessels. Histochemistry and Cell Biology, 2004, 122, 261-270.	0.8	31
28	Ghrelin restores nitric oxide availability in resistance circulation of essential hypertensive patients: role of NAD(P)H oxidase. European Heart Journal, 2015, 36, ehv365.	1.0	30
29	Colonic motor dysfunctions in a mouse model of high-fat diet-induced obesity: an involvement of A2B adenosine receptors. Purinergic Signalling, 2017, 13, 497-510.	1.1	30
30	An integrated assessment of histopathological changes of the enteric neuromuscular compartment in experimental colitis. Journal of Cellular and Molecular Medicine, 2015, 19, 485-500.	1.6	29
31	Resistance artery mechanics and composition in angiotensin II-infused mice: effects of cyclooxygenase-1 inhibition. European Heart Journal, 2012, 33, 2225-2234.	1.0	28
32	Altered Expression Pattern of Molecular Factors Involved in Colonic Smooth Muscle Functions: An Immunohistochemical Study in Patients with Diverticular Disease. PLoS ONE, 2013, 8, e57023.	1.1	28
33	Pathological remodelling of colonic wall following dopaminergic nigrostriatal neurodegeneration. Neurobiology of Disease, 2020, 139, 104821.	2.1	28
34	Intestinal epithelial barrier and neuromuscular compartment in health and disease. World Journal of Gastroenterology, 2020, 26, 1564-1597.	1.4	28
35	Emerging role of cyclooxygenase isoforms in the control of gastrointestinal neuromuscular functions. , 2010, 125, 62-78.		27
36	Interplay between colonic inflammation and tachykininergic pathways in the onset of colonic dysmotility in a mouse model of diet-induced obesity. International Journal of Obesity, 2019, 43, 331-343.	1.6	27

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37	Reducing doxorubicin cardiotoxicity in the rat using deferred treatment with ADR-529. Cancer Chemotherapy and Pharmacology, 1992, 30, 95-99.	1.1	26
38	Constitutive expression of cyclooxygenase-2 in the neuromuscular compartment of normal human colon. Neurogastroenterology and Motility, 2006, 18, 654-662.	1.6	25
39	Thyroid dysfunction in megalin deficient mice. Molecular and Cellular Endocrinology, 2005, 236, 43-47.	1.6	24
40	Gelatin/PLLA Spongeâ€Like Scaffolds Allow Proliferation and Osteogenic Differentiation of Human Mesenchymal Stromal Cells. Macromolecular Bioscience, 2008, 8, 819-826.	2.1	24
41	Quantitative evaluation of myenteric ganglion cells in normal human left colon: implications for histopathological analysis. Cell and Tissue Research, 2009, 336, 191-201.	1.5	24
42	Prodromal Intestinal Events in Alzheimerâ€™s Disease (AD): Colonic Dysmotility and Inflammation Are Associated with Enteric AD-Related Protein Deposition. International Journal of Molecular Sciences, 2020, 21, 3523.	1.8	24
43	Deepening the Mechanisms of Visceral Pain Persistence: An Evaluation of the Gut-Spinal Cord Relationship. Cells, 2020, 9, 1772.	1.8	22
44	Sortilin Is a Putative Postendocytic Receptor of Thyroglobulin. Endocrinology, 2009, 150, 509-518.	1.4	21
45	Protective effects of fructose-1,6-diphosphate on acute and chronic doxorubicin cardiotoxicity in rats. Cancer Chemotherapy and Pharmacology, 1990, 25, 326-332.	1.1	20
46	Rosuvastatin prevents angiotensin <scp>II</scp>â€induced vascular changes by inhibition of <scp>NAD</scp>(<scp>P</scp>)<scp>H</scp> oxidase and <scp>COX</scp>â€1. British Journal of Pharmacology, 2013, 169, 554-566.	2.7	18
47	Carboxy-terminal fragment of osteogenic growth peptide regulates myeloid differentiation through RhoA. Journal of Cellular Biochemistry, 2004, 93, 1231-1241.	1.2	17
48	Effects of L-DOPA/benserazide co-treatment on colonic excitatory cholinergic motility and enteric inflammation following dopaminergic nigrostriatal neurodegeneration. Neuropharmacology, 2017, 123, 22-33.	2.0	15
49	Gelatine/PLLA sponge-like scaffolds: morphological and biological characterization. Journal of Materials Science: Materials in Medicine, 2006, 17, 1211-1217.	1.7	14
50	Nonsteroidal Anti-Inflammatory Drug-Activated Gene-1 Plays a Role in the Impairing Effects of Cyclooxygenase Inhibitors on Gastric Ulcer Healing. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 140-149.	1.3	14
51	Histopathology in Gastrointestinal Neuromuscular Diseases. Advances in Anatomic Pathology, 2013, 20, 17-31.	2.4	14
52	Cytofluorescence localization and disposition of doxorubicin and doxorubicinol in rat cardiac tissue. European Journal of Cancer & Clinical Oncology, 1988, 24, 1123-1131.	0.9	13
53	Kidney Expression of RhoA, TGF-Î²1, and Fibronectin in Human IgA Nephropathy. Nephron Experimental Nephrology, 2005, 101, e16-e23.	2.4	12
54	Diverticular Disease of the Colon. Journal of Clinical Gastroenterology, 2016, 50, S6-S8.	1.1	12

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55	Eosinophilia â€“ associated basal plasmacytosis: an early and sensitive histologic feature of inflammatory bowel disease. Apmis, 2017, 125, 179-183.	0.9	12
56	The location and the regulation of the type I-iodothyronine 5â€²-monodeiodinase (type I-MD) in the rat thyroid: studies using a specific anti-type I-MD antibody. Molecular and Cellular Endocrinology, 1995, 110, 195-203.	1.6	10
57	Cellular and subcellular localization of the small G protein RhoA in the human and rat embryonic and adult kidney. Acta Histochemica, 2003, 105, 89-97.	0.9	10
58	Role of cyclooxygenase isoforms in the altered excitatory motor pathways of human colon with diverticular disease. British Journal of Pharmacology, 2014, 171, 3728-3740.	2.7	10
59	Myenteric plexitis: A frequent feature in patients undergoing surgery for colonic diverticular disease. United European Gastroenterology Journal, 2015, 3, 523-528.	1.6	10
60	Cardiac toxicity and antitumor activity of 4â€²-deoxy-4â€²-iodo-doxorubicinol. Cancer Chemotherapy and Pharmacology, 1990, 26, 403-408.	1.1	9
61	Cardiotoxicity and cytotoxicity of the anthracycline analog 4â€²-deoxy-4â€²-iodo-doxorubicin. Toxicology, 1991, 70, 243-253.	2.0	9
62	NLRP3 at the crossroads between immune/inflammatory responses and enteric neuroplastic remodelling in a mouse model of dietâ€induced obesity. British Journal of Pharmacology, 2021, 178, 3924-3942.	2.7	9
63	Reduced cardiotoxicity and increased cytotoxicity in a novel anthracycline analogue, 4â€²-amino-3â€²-hydroxy-doxorubicin. Cancer Chemotherapy and Pharmacology, 1992, 29, 261-265.	1.1	8
64	Characterization of the toxicity of distamycin derivatives on cancer cell lines and rat heart. Toxicology, 1992, 75, 209-219.	2.0	7
65	Renal cell cultures for the study of growth factor interactions underlying kidney organogenesis. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 251-258.	0.7	7
66	From the intestinal mucosal barrier to the enteric neuromuscular compartment: an integrated overview on the morphological changes in Parkinsonâ€™s disease. European Journal of Histochemistry, 2021, 65, .	0.6	6
67	TSH-Dependent Expression of the LDL Receptorâ€“Associated Protein (RAP) in Thyroid Epithelial Cells. Thyroid, 2006, 16, 1097-1104.	2.4	5
68	Evaluation of the JT and corrected JT intervals as a new ECG method for monitoring doxorubicin cardiotoxicity in the dog. Journal of Pharmacological Methods, 1989, 21, 317-327.	0.7	4
69	Donepezil improves vascular function in a mouse model of Alzheimerâ€™s disease. Pharmacology Research and Perspectives, 2021, 9, e00871.	1.1	4
70	The small peptide OGP(10-14) reduces proliferation and induces differentiation of TPO-primed M07-e cells through RhoA/TGFbeta1/SFK pathway. Medical Science Monitor, 2011, 17, SC1-SC5.	0.5	3
71	Effect of heparan sulphate on kidney tissue expression of TGF-beta, rhoA, laminin and fibronectin in subtotally nephrectomized rats. Journal of Nephrology, 2002, 15, 530-8.	0.9	3
72	The Use of Mab 1977 Monoclonal Antibody for the Immunohistochemical Localization of Î²1 Integrins in Paraffin-Embedded Human Kidney. Tumori, 1997, 83, 673-678.	0.6	2

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73	RENAL CELL CULTURES FOR THE STUDY OF GROWTH FACTOR INTERACTIONS UNDERLYING KIDNEY ORGANOGENESIS. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 251.	0.7	2
74	Role of Cyclooxygenase Isoforms and Nitric-Oxide Synthase in the Modulation of Tracheal Motor Responsiveness in Normal and Antigen-Sensitized Guinea Pigs. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 648-656.	1.3	2
75	Response to Endothelial Nitric Oxide Synthase, Cyclooxygenase-2, and Essential Hypertension: Is There an Interaction?. Hypertension, 2013, 62, e16.	1.3	1
76	Colonic Dysmotility Associated with High Fat Diet-Induced Obesity: Role of the Enteric Glia. Gastroenterology, 2017, 152, S180.	0.6	1
77	Colonic dysmotility and inflammation associated with high fat diet-induced obesity: role of the enteric glia. Proceedings of the Nutrition Society, 2020, 79, .	0.4	0