Rocchina Lucia Colucci

List of Publications by Year in descending order

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113 papers

4,316 citations

39 h-index 149479 56 g-index

114 all docs

114 docs citations

times ranked

114

5599 citing authors

#	Article	lF	CITATIONS
1	The role of serotonin and its pathways in gastrointestinal disorders. , 2021, , 67-94.		1
2	Preclinical Development of FA5, a Novel AMP-Activated Protein Kinase (AMPK) Activator as an Innovative Drug for the Management of Bowel Inflammation. International Journal of Molecular Sciences, 2021, 22, 6325.	1.8	5
3	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
4	Protective effects of the combination Bifidobacterium longum plus lactoferrin against NSAID-induced enteropathy. Nutrition, 2020, 70, 110583.	1.1	16
5	Prodromal Intestinal Events in Alzheimer'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
6	Microbiota-gut-brain axis in health and disease: Is NLRP3 inflammasome at the crossroads of microbiota-gut-brain communications?. Progress in Neurobiology, 2020, 191, 101806.	2.8	87
7	Role of proteinase-activated receptors 1 and 2 in nonsteroidal anti-inflammatory drug enteropathy. Pharmacological Reports, 2020, 72, 1347-1357.	1.5	4
8	Pathological remodelling of colonic wall following dopaminergic nigrostriatal neurodegeneration. Neurobiology of Disease, 2020, 139, 104821.	2.1	28
9	Colonic dysmotility associated with highâ€fat dietâ€induced obesity: Role of enteric glia. FASEB Journal, 2020, 34, 5512-5524.	0.2	31
10	Glial A2B Adenosine Receptors Modulate Abnormal Tachykininergic Responses and Prevent Enteric Inflammation Associated with High Fat Diet-Induced Obesity. Cells, 2020, 9, 1245.	1.8	20
11	Intestinal epithelial barrier and neuromuscular compartment in health and disease. World Journal of Gastroenterology, 2020, 26, 1564-1597.	1.4	28
12	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
13	Microvascular Endothelial Dysfunction in Patients with Obesity. Current Hypertension Reports, 2019, 21, 32.	1.5	53
14	Microvascular Endothelial Dysfunction in Human Obesity: Role of TNF- $\langle i \rangle \hat{l} \pm \langle i \rangle$. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 341-348.	1.8	54
15	Anti-inflammatory effect of a novel locally acting A2A receptor agonist in a rat model of oxazolone-induced colitis. Purinergic Signalling, 2018, 14, 27-36.	1.1	19
16	Pathophysiology of NSAID-Associated Intestinal Lesions in the Rat: Luminal Bacteria and Mucosal Inflammation as Targets for Prevention. Frontiers in Pharmacology, 2018, 9, 1340.	1.6	35
17	A Comparative Study on the Efficacy of NLRP3 Inflammasome Signaling Inhibitors in a Pre-clinical Model of Bowel Inflammation. Frontiers in Pharmacology, 2018, 9, 1405.	1.6	33
18	The ecto-enzymes CD73 and adenosine deaminase modulate 5′-AMP-derived adenosine in myofibroblasts of the rat small intestine. Purinergic Signalling, 2018, 14, 409-421.	1.1	11

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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	Luteolin Prevents Cardiometabolic Alterations and Vascular Dysfunction in Mice With HFD-Induced Obesity. Frontiers in Pharmacology, 2018, 9, 1094.	1.6	46
21	Interplay among gut microbiota, intestinal mucosal barrier and enteric neuro-immune system: a common path to neurodegenerative diseases?. Acta Neuropathologica, 2018, 136, 345-361.	3.9	167
22	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
23	Dietary flavonoids as a potential intervention to improve redox balance in obesity and related co-morbidities: a review. Nutrition Research Reviews, 2018, 31, 239-247.	2.1	40
24	Colonic Dysmotility Associated with High Fat Diet-Induced Obesity: Role of the Enteric Glia. Gastroenterology, 2017, 152, S180.	0.6	1
25	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
26	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
27	Intestinal dysfunction in Parkinson's disease: Lessons learned from translational studies and experimental models. Neurogastroenterology and Motility, 2016, 28, 1781-1791.	1.6	41
28	Alteration of colonic excitatory tachykininergic motility and enteric inflammation following dopaminergic nigrostriatal neurodegeneration. Journal of Neuroinflammation, 2016, 13, 146.	3.1	77
29	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
30	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
31	Small bowel protection against NSAID-injury in rats: Effect of rifaximin, a poorly absorbed, GI targeted, antibiotic. Pharmacological Research, 2016, 104, 186-196.	3.1	30
32	The AMPK enzyme-complex: from the regulation of cellular energy homeostasis to a possible new molecular target in the management of chronic inflammatory disorders. Expert Opinion on Therapeutic Targets, 2016, 20, 179-191.	1.5	41
33	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
34	Genetics and pharmacogenetics of aminergic transmitter pathways in functional gastrointestinal disorders. Pharmacogenomics, 2015, 16, 523-539.	0.6	13
35	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
36	Gastric motor dysfunctions in Parkinson's disease: Current pre-clinical evidence. Parkinsonism and Related Disorders, 2015, 21, 1407-1414.	1.1	56

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37	Exploring the genetics of irritable bowel syndrome: a GWA study in the general population and replication in multinational case-control cohorts. Gut, 2015, 64, 1774-1782.	6.1	97
38	Involvement of the P2X7 Purinergic Receptor in Colonic Motor Dysfunction Associated with Bowel Inflammation in Rats. PLoS ONE, 2014, 9, e116253.	1.1	41
39	Role of the <scp>A_{2B}</scp> receptor–adenosine deaminase complex in colonic dysmotility associated with bowel inflammation in rats. British Journal of Pharmacology, 2014, 171, 1314-1329.	2.7	26
40	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
41	Adenosine and inflammation: what's new on the horizon?. Drug Discovery Today, 2014, 19, 1051-1068.	3.2	139
42	Adenosine pathway and cancer: where do we go from here?. Expert Opinion on Therapeutic Targets, 2014, 18, 973-977.	1.5	16
43	NSAID-Induced Enteropathy: Are the Currently Available Selective COX-2 Inhibitors All the Same?. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 86-95.	1.3	44
44	The role of purinergic pathways in the pathophysiology of gut diseases: Pharmacological modulation and potential therapeutic applications., 2013, 139, 157-188.		60
45	Response to Endothelial Nitric Oxide Synthase, Cyclooxygenase-2, and Essential Hypertension: Is There an Interaction?. Hypertension, 2013, 62, e16.	1.3	1
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	Endothelial Dysfunction in Small Arteries of Essential Hypertensive Patients. Hypertension, 2013, 62, 337-344.	1.3	97
48	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
49	Influence of the Serotonin Transporter 5HTTLPR Polymorphism on Symptom Severity in Irritable Bowel Syndrome. PLoS ONE, 2013, 8, e54831.	1.1	37
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	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
52	Adenosine Deaminase in the Modulation of Immune System and its Potential as a Novel Target for Treatment of Inflammatory Disorders. Current Drug Targets, 2012, 13, 842-862.	1.0	128
53	15 Altered Adenosine Signalling in the Presence of Bowel Inflammation: Role of a2B Receptors in the Control of Colonic Motility. Gastroenterology, 2012, 142, S-4.	0.6	1
54	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

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55	Vascular Generation of Tumor Necrosis Factor-α 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
56	Effects of esomeprazole on healing of nonsteroidal anti-inflammatory drug (NSAID)-induced gastric ulcers in the presence of a continued NSAID treatment: Characterization of molecular mechanisms. Pharmacological Research, 2011, 63, 59-67.	3.1	34
57	A holistic view of adenosine in the control of intestinal neuromuscular functions: the enteric â€~purinome' concept. British Journal of Pharmacology, 2011, 164, 1577-1579.	2.7	10
58	Differential recruitment of high affinity A1 and A2A adenosine receptors in the control of colonic neuromuscular function in experimental colitis. European Journal of Pharmacology, 2011, 650, 639-649.	1.7	41
59	Derivatives of Benzimidazolâ€2â€ylquinoline and Benzimidazolâ€2â€ylisoquinoline as Selective A ₁ Adenosine Receptor Antagonists with Stimulant Activity on Human Colon Motility. ChemMedChem, 2011, 6, 1909-1918.	1.6	16
60	Pharmacological modulation of adenosine receptor pathways and inflammatory disorders: the way towards novel therapeutics?. Expert Opinion on Investigational Drugs, 2011, 20, 717-721.	1.9	4
61	Emerging role of cyclooxygenase isoforms in the control of gastrointestinal neuromuscular functions., 2010, 125, 62-78.		27
62	Control of enteric neuromuscular functions by purinergic A ₃ receptors in normal rat distal colon and experimental bowel inflammation. British Journal of Pharmacology, 2010, 161, 856-871.	2.7	29
63	The Blockade of Adenosine Deaminase Ameliorates Chronic Experimental Colitis through the Recruitment of Adenosine A _{2A} and A ₃ Receptors. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 434-442.	1.3	47
64	Use of Selective Serotonin Reuptake Inhibitors during Pregnancy and Risk of Major and Cardiovascular Malformations: An Update. Postgraduate Medicine, 2010, 122, 49-65.	0.9	34
65	Atorvastatin Prevents Endothelial Dysfunction in Mesenteric Arteries From Spontaneously Hypertensive Rats. Hypertension, 2009, 53, 1008-1016.	1.3	62
66	Inducible Nitric Oxide Synthase Is Involved in Endothelial Dysfunction of Mesenteric Small Arteries from Hypothyroid Rats. Endocrinology, 2009, 150, 1033-1042.	1.4	33
67	Safety concerns associated with the use of serotonin reuptake inhibitors and other serotonergic/noradrenergic antidepressants during pregnancy: A review. Clinical Therapeutics, 2009, 31, 1426-1453.	1.1	92
68	Effects of pantoprazole on ulcer healing delay associated with NSAID treatment. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 305-313.	1.4	5
69	A ₁ and A _{2a} receptors mediate inhibitory effects of adenosine on the motor activity of human colon. Neurogastroenterology and Motility, 2009, 21, 451-466.	1.6	24
70	Characterization of mechanisms underlying the effects of esomeprazole on the impairment of gastric ulcer healing with addition of NSAID treatment. Digestive and Liver Disease, 2009, 41, 395-405.	0.4	26
71	Role of coxibs in the strategies for gastrointestinal protection in patients requiring chronic non-steroidal anti-inflammatory therapy. Pharmacological Research, 2009, 59, 90-100.	3.1	40
72	Pharmacological modulation of adenosine system: Novel options for treatment of inflammatory bowel diseases. Inflammatory Bowel Diseases, 2008, 14, 566-574.	0.9	57

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73	Somatostatin inhibits colon cancer cell growth through cyclooxygenaseâ€2 downregulation. British Journal of Pharmacology, 2008, 155, 198-209.	2.7	31
74	The β ₃ â€adrenoceptor agonist SR58611A ameliorates experimental colitis in rats. Neurogastroenterology and Motility, 2008, 20, 1030-1041.	1.6	44
75	Review article: molecular, pathological and therapeutic features of human enteric neuropathies. Alimentary Pharmacology and Therapeutics, 2008, 28, 25-42.	1.9	111
76	Regulation of enteric functions by adenosine: Pathophysiological and pharmacological implications. , 2008, 120, 233-253.		103
77	Clinical Efficacy of Esomeprazole in the Prevention and Healing of Gastrointestinal Toxicity Associated with NSAIDs in Elderly Patients. Drugs and Aging, 2008, 25, 197-208.	1.3	23
78	The genetics of the serotonin transporter and irritable bowel syndrome. Trends in Molecular Medicine, 2008, 14, 295-304.	3.5	43
79	Effects of a bicarbonate-alkaline mineral water on digestive motility in experimental models of functional and inflammatory gastrointestinal disorders. Methods and Findings in Experimental and Clinical Pharmacology, 2008, 30, 261.	0.8	10
80	Cyclooxygenase-1 Is Involved in Endothelial Dysfunction of Mesenteric Small Arteries From Angiotensin Il–Infused Mice. Hypertension, 2007, 49, 679-686.	1.3	66
81	Inhibition of Adenosine Deaminase Attenuates Inflammation in Experimental Colitis. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 435-442.	1.3	96
82	Cholecystokinin CCK2 receptors mediate the peptide's inhibitory actions on the contractile activity of human distal colon via the nitric oxide pathway. British Journal of Pharmacology, 2007, 151, 1246-1253.	2.7	13
83	CCK2 receptors mediate inhibitory effects of cholecystokinin on the motor activity of guinea-pig distal colon. European Journal of Pharmacology, 2007, 557, 212-220.	1.7	9
84	Cyclooxygenase-2 Induction after Oral Surgery Does Not Entirely Account for Analgesia after Selective Blockade of Cyclooxygenase 2 in the Preoperative Period. Anesthesiology, 2006, 104, 152-157.	1.3	6
85	Constitutive expression of cyclooxygenase-2 in the neuromuscular compartment of normal human colon. Neurogastroenterology and Motility, 2006, 18, 654-662.	1.6	25
86	A2a receptors mediate inhibitory effects of adenosine on colonic motility in the presence of experimental colitis. Inflammatory Bowel Diseases, 2006, 12, 117-122.	0.9	39
87	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
88	Gastrin promotes human colon cancer cell growth via CCK-2 receptor-mediated cyclooxygenase-2 induction and prostaglandin E2 production. British Journal of Pharmacology, 2005, 144, 338-348.	2.7	59
89	Mechanisms of protection by pantoprazole against NSAID-induced gastric mucosal damage. Naunyn-Schmiedeberg's Archives of Pharmacology, 2005, 372, 79-87.	1.4	45
90	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

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91	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
92	Clinical evaluation of piroxicam-FDDF and azithromycin in the prevention of complications associated with impacted lower third molar extraction. Pharmacological Research, 2005, 52, 485-490.	3.1	26
93	Lansoprazole prevents experimental gastric injury induced by non-steroidal anti-inflammatory drugs through a reduction of mucosal oxidative damage. World Journal of Gastroenterology, 2005, 11, 4052.	1.4	61
94	Mechanisms of gastroprotection by lansoprazole pretreatment against experimentally induced injury in rats: role of mucosal oxidative damage and sulfhydryl compounds. Toxicology and Applied Pharmacology, 2004, 195, 62-72.	1.3	57
95	Altered prejunctional modulation of intestinal cholinergic and noradrenergic pathways by $\hat{l}\pm 2$ -adrenoceptors in the presence of experimental colitis. British Journal of Pharmacology, 2003, 139, 309-320.	2.7	74
96	Platelet Serotonin Transporter in Patients With Diarrhea-Predominant Irritable Bowel Syndrome Both Before and After Treatment With Alosetron. American Journal of Gastroenterology, 2003, 98, 2705-2711.	0.2	53
97	Efficacy and Tolerability of Meloxicam, a COX-2 Preferential Nonsteroidal Anti-Inflammatory Drug. Clinical Drug Investigation, 2002, 22, 799-818.	1.1	52
98	Cholinergic toxic syndrome by the anticancer drug irinotecan: Acetylcholinesterase does not play a major role. Clinical Pharmacology and Therapeutics, 2002, 71, 263-271.	2.3	6
99	H 3 receptor-mediated inhibition of intestinal acetylcholine release: pharmacological characterization of signal transduction pathways. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 193-202.	1.4	15
100	Acetylcholinesterase Blockade Does Not Account for the Adverse Cardiovascular Effects of the Antitumor Drug Irinotecan: A Preclinical Study. Toxicology and Applied Pharmacology, 2001, 177, 149-156.	1.3	8
101	Characterization of a novel mechanism accounting for the adverse cholinergic effects of the anticancer drug irinotecan. British Journal of Pharmacology, 2001, 132, 73-84.	2.7	28
102	Histamine H3 receptors mediate inhibition of noradrenaline release from intestinal sympathetic nerves. British Journal of Pharmacology, 2000, 129, 1387-1396.	2.7	29
103	Gastroprotective effects of pantoprazole against experimental mucosal damage. Fundamental and Clinical Pharmacology, 2000, 14, 89-99.	1.0	17
104	Acid-independent gastroprotective effects of lansoprazole in experimental mucosal injury. Digestive Diseases and Sciences, 1999, 44, 2039-2050.	1.1	37
105	CCK1 and CCK2 receptors regulate gastric pepsinogen secretion. European Journal of Pharmacology, 1999, 373, 71-84.	1.7	13
106	Effects of imidazoline derivatives on cholinergic motility in guinea-pig ileum: involvement of presynaptic α2-adrenoceptors or imidazoline receptors?. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 357, 682-691.	1.4	29
107	Suramin enhances ethanol-induced injury to gastric mucosa in rats. Digestive Diseases and Sciences, 1997, 42, 1233-1241.	1.1	8
108	Determination on functional basis of presynaptic $\hat{l}\pm 2$ -adrenoceptor subtypes in guinea-pig duodenum. Neuroscience Letters, 1996, 210, 29-32.	1.0	3

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109	Central GABA-A receptors exert a tonic inhibitory control on gastric pepsinogen secretion in anaesthetized rats. Autonomic and Autacoid Pharmacology, 1995, 15, 187-196.	0.7	1
110	Central administration of cholecystokinin stimulates gastric pepsinogen secretion from anaesthetized rats. Neuroscience Letters, 1995, 193, 13-16.	1.0	3
111	Characterization of $\hat{l}\pm 2$ -adrenoceptor subtypes involved in the modulation of gastric acid secretion. European Journal of Pharmacology, 1995, 278, 179-182.	1.7	23
112	Role of peripheral GABAB receptors in the regulation of pepsinogen secretion in anaesthetized rats. European Journal of Pharmacology, 1995, 294, 191-200.	1.7	13
113	Pathophysiology of Gastric Ulcer Development and Healing: Molecular Mechanisms and Novel Therapeutic Options. , 0, , .		18