

MarÃ-a D Barrachina

List of Publications by Year in descending order

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72
papers

7,049
citations

218592

26
h-index

98753

67
g-index

72
all docs

72
docs citations

72
times ranked

16011
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Synergistic interaction between leptin and cholecystokinin to reduce short-term food intake in lean mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10455-10460.	3.3	408
3	The activation of Wnt signaling by a STAT6-dependent macrophage phenotype promotes mucosal repair in murine IBD. <i>Mucosal Immunology</i> , 2016, 9, 986-998.	2.7	140
4	Fos expression in the brain induced by peripheral injection of CCK or leptin plus CCK in fasted lean mice. <i>Brain Research</i> , 1998, 791, 157-166.	1.1	128
5	Succinate receptor mediates intestinal inflammation and fibrosis. <i>Mucosal Immunology</i> , 2019, 12, 178-187.	2.7	122
6	M2 Macrophages Activate WNT Signaling Pathway in Epithelial Cells: Relevance in Ulcerative Colitis. <i>PLoS ONE</i> , 2013, 8, e78128.	1.1	104
7	Nitric oxide: Relation to integrity, injury, and healing of the gastric mucosa. <i>Microscopy Research and Technique</i> , 2001, 53, 325-335.	1.2	88
8	ER stress in human hepatic cells treated with Efavirenz: Mitochondria again. <i>Journal of Hepatology</i> , 2013, 59, 780-789.	1.8	70
9	Induction of trefoil factor (TFF)1, TFF2 and TFF3 by hypoxia is mediated by hypoxia inducible factor-1: implications for gastric mucosal healing. <i>British Journal of Pharmacology</i> , 2009, 156, 262-272.	2.7	67
10	Stimulation of autophagy prevents intestinal mucosal inflammation and ameliorates murine colitis. <i>British Journal of Pharmacology</i> , 2017, 174, 2501-2511.	2.7	66
11	Hypoxic macrophages impair autophagy in epithelial cells through Wnt1: relevance in IBD. <i>Mucosal Immunology</i> , 2014, 7, 929-938.	2.7	61
12	Role of Nitric Oxide in Gastrointestinal Inflammatory and Ulcerative Diseases: Perspective for Drugs Development. <i>Current Pharmaceutical Design</i> , 2001, 7, 31-48.	0.9	59
13	Induction of CD36 and Thrombospondin-1 in Macrophages by Hypoxia-Inducible Factor 1 and Its Relevance in the Inflammatory Process. <i>PLoS ONE</i> , 2012, 7, e48535.	1.1	53
14	Downregulation of nNOS and synthesis of PGs associated with endotoxin-induced delay in gastric emptying. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, G1360-G1367.	1.6	48
15	Inhibition of gastric acid secretion by stress: A protective reflex mediated by cerebral nitric oxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14839-14844.	3.3	45
16	The role of nitric oxide and platelet-activating factor in the inhibition by endotoxin of pentagastrin-stimulated gastric acid secretion. <i>European Journal of Pharmacology</i> , 1992, 218, 351-354.	1.7	43
17	Intracerebroventricular leptin inhibits gastric emptying of a solid nutrient meal in rats. <i>NeuroReport</i> , 1999, 10, 3217-3221.	0.6	39
18	M1 Macrophages Activate Notch Signalling in Epithelial Cells: Relevance in Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 582-592.	0.6	35

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19	Indomethacin Disrupts Autophagic Flux by Inducing Lysosomal Dysfunction in Gastric Cancer Cells and Increases Their Sensitivity to Cytotoxic Drugs. <i>Scientific Reports</i> , 2018, 8, 3593.	1.6	33
20	Analgesic and central depressor effects of the dichloromethanol extract from <i>Schinus molle</i> L.. <i>Phytotherapy Research</i> , 1997, 11, 317-319.	2.8	30
21	Endotoxin inhibits gastric emptying in rats via a capsaicin-sensitive afferent pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 363, 276-280.	1.4	30
22	Aspirin-induced gastrointestinal damage is associated with an inhibition of epithelial cell autophagy. <i>Journal of Gastroenterology</i> , 2016, 51, 691-701.	2.3	30
23	CD16+ Macrophages Mediate Fibrosis in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 589-599.	0.6	30
24	WNT2b Activates Epithelial-mesenchymal Transition Through FZD4: Relevance in Penetrating Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 230-239.	0.6	29
25	HIF-Overexpression and Pro-Inflammatory Priming in Human Mesenchymal Stromal Cells Improves the Healing Properties of Extracellular Vesicles in Experimental Crohn's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11269.	1.8	28
26	Antiinflammatory activity and effects on isolated smooth muscle of extracts from different <i>Teucrium</i> species. <i>Phytotherapy Research</i> , 1995, 9, 368-371.	2.8	27
27	Succinate Activates EMT in Intestinal Epithelial Cells through SUCNR1: A Novel Protagonist in Fistula Development. <i>Cells</i> , 2020, 9, 1104.	1.8	27
28	Nitric oxide mediates the inhibition by interleukin-1 ² of pentagastrin-stimulated rat gastric acid secretion. <i>British Journal of Pharmacology</i> , 1993, 108, 9-10.	2.7	26
29	Endotoxin inhibition of distension-stimulated gastric acid secretion in rat: mediation by NO in the central nervous system. <i>British Journal of Pharmacology</i> , 1995, 114, 8-12.	2.7	24
30	iNOS-derived nitric oxide mediates the increase in TFF2 expression associated with gastric damage: role of HIF-1. <i>FASEB Journal</i> , 2010, 24, 136-145.	0.2	23
31	Leptin-induced decrease in food intake is not associated with changes in gastric emptying in lean mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 272, R1007-R1011.	0.9	22
32	Synthesis of nitric oxide in the dorsal motor nucleus of the vagus mediates the inhibition of gastric acid secretion by central bombesin. <i>British Journal of Pharmacology</i> , 1999, 127, 1603-1610.	2.7	21
33	Synthesis of nitric oxide in postganglionic myenteric neurons during endotoxemia: implications for gastric motor function. <i>FASEB Journal</i> , 2004, 18, 531-533.	0.2	21
34	Autophagy Stimulation as a Potential Strategy Against Intestinal Fibrosis. <i>Cells</i> , 2019, 8, 1078.	1.8	20
35	Profile of Leukocyte-Endothelial Cell Interactions Induced in Venules and Arterioles by Nucleoside Reverse-Transcriptase Inhibitors In Vivo. <i>Journal of Infectious Diseases</i> , 2013, 208, 1448-1453.	1.9	19
36	Evaluation of the acute toxicity, analgesic and CNS activities of different species of <i>Teucrium</i> genus. <i>Phytotherapy Research</i> , 1995, 9, 277-280.	2.8	18

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37	Nitric oxide induces HIF-1 β stabilization and expression of intestinal trefoil factor in the damaged rat jejunum and modulates ulcer healing. <i>Journal of Gastroenterology</i> , 2011, 46, 565-576.	2.3	18
38	A cerebral nitrenergic pathway modulates endotoxin-induced changes in gastric motility. <i>British Journal of Pharmacology</i> , 2001, 134, 325-332.	2.7	17
39	Gastrin induces the interaction between human mononuclear leukocytes and endothelial cells through the endothelial expression of P-selectin and VCAM-1. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C1588-C1595.	2.1	17
40	A Single Nucleotide Polymorphism in the Vitamin D Receptor Gene Is Associated With Decreased Levels of the Protein and a Penetrating Pattern in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1462-1470.	0.9	17
41	Metabolite Sensing GPCRs: Promising Therapeutic Targets for Cancer Treatment?. <i>Cells</i> , 2020, 9, 2345.	1.8	17
42	Role of central glutamate receptors, nitric oxide and soluble guanylyl cyclase in the inhibition by endotoxin of rat gastric acid secretion. <i>British Journal of Pharmacology</i> , 2000, 130, 1283-1288.	2.7	16
43	Progastrin Represses the Alternative Activation of Human Macrophages and Modulates Their Influence on Colon Cancer Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e98458.	1.1	16
44	Transdermal nitroglycerin prevents nonsteroidal anti-inflammatory drug gastropathy. <i>European Journal of Pharmacology</i> , 1995, 281, R3-R4.	1.7	15
45	Nitric oxide, derived from inducible nitric oxide synthase, decreases hypoxia inducible factor-1 α in macrophages during aspirin-induced mesenteric inflammation. <i>British Journal of Pharmacology</i> , 2010, 159, 1636-1645.	2.7	15
46	Efavirenz induces interactions between leucocytes and endothelium through the activation of Mac-1 and gp150/95. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 995-1004.	1.3	15
47	Nitric Oxide Modulates the Acute Increase of Gastrointestinal Transit Induced by Endotoxin in Rats: a Possible Role for Tachykinins. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 49, 988-990.	1.2	14
48	The vitamin D receptor Taq I polymorphism is associated with reduced VDR and increased PDIA3 protein levels in human intestinal fibroblasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 202, 105720.	1.2	13
49	Modulation by peripheral opioids of basal and distension-stimulated gastric acid secretion in the rat. <i>British Journal of Pharmacology</i> , 1992, 106, 33-38.	2.7	11
50	Involvement of neuronal processes and nitric oxide in the inhibition by endotoxin of pentagastrin-stimulated gastric acid secretion. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1994, 349, 523-527.	1.4	11
51	Diminished Vitamin D Receptor Protein Levels in Crohn's Disease Fibroblasts: Effects of Vitamin D. <i>Nutrients</i> , 2020, 12, 973.	1.7	11
52	The flesh ethanolic extract of <i>Hylocereus polyrhizus</i> exerts anti-inflammatory effects and prevents murine colitis. <i>Clinical Nutrition</i> , 2016, 35, 1333-1339.	2.3	9
53	Effects on Arterial Blood Pressure of the Methanol and Dichloromethanol Extracts from <i>Schinus molle</i> L. in Rats. <i>Phytotherapy Research</i> , 1996, 10, 634-635.	2.8	8
54	Effects of Mn ²⁺ on the responses induced by different spasmogens in the oestrogen-primed rat uterus. <i>European Journal of Pharmacology</i> , 1997, 326, 211-222.	1.7	8

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55	Involvement of endogenous nitric oxide in the inhibition by endotoxin and interleukin-1 β of gastric acid secretion. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1994, 9, S45-S49.	1.4	7
56	Differential effects of locally-applied capsaicin on distension-stimulated gastric acid secretion in the anesthetized rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1992, 346, 685-90.	1.4	6
57	Role of central oxytocin in the inhibition by endotoxin of distension-stimulated gastric acid secretion. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999, 360, 676-682.	1.4	6
58	Transcriptional up-regulation of nNOS in the dorsal vagal complex during low endotoxemia. <i>Life Sciences</i> , 2005, 77, 1044-1054.	2.0	6
59	SUCNR1 Mediates the Priming Step of the Inflammasome in Intestinal Epithelial Cells: Relevance in Ulcerative Colitis. <i>Biomedicines</i> , 2022, 10, 532.	1.4	6
60	IFN β -Treated Macrophages Induce EMT through the WNT Pathway: Relevance in Crohn's Disease. <i>Biomedicines</i> , 2022, 10, 1093.	1.4	6
61	Endotoxin stimulates fecal pellet output in rats through a neural mechanism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 51-55.	1.4	5
62	Interleukin 1 β -induced inhibition of gastric acid secretion involves glutamate, NO and cGMP synthesis in the brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 22-27.	1.4	5
63	Low endotoxemia prevents the reduction of gastric blood flow induced by NSAIDs: role of nitric oxide. <i>British Journal of Pharmacology</i> , 2003, 139, 263-270.	2.7	5
64	Pharmacological screening of the methanol and dichloromethanol extracts of <i>Genista patens</i> . <i>Phytotherapy Research</i> , 1995, 9, 495-499.	2.8	4
65	Acute normovolaemic anaemia prevents ethanol-induced gastric damage in rats through a blood flow related mechanism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1994, 350, 569-74.	1.4	3
66	Pharmacological evaluation of the dichloromethanol extract from <i>Inula crithmoides</i> L.. <i>Phytotherapy Research</i> , 1995, 9, 294-298.	2.8	3
67	Involvement of Prostaglandins and 5-Hydroxytryptamine in the Contractile Effect of Platelet-activating Factor in Rat Isolated Gastric Corpus. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 955-958.	1.2	2
68	Nitroergic Modulation of Gastrointestinal Function During Early Endotoxemia. <i>Current Pharmaceutical Design</i> , 2006, 12, 4525-4535.	0.9	1
69	Changes in Gastric Mucosal Permeability Induced by Haemorrhagic Shock in the Anaesthetized Rat: - Modulation by Acid. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 1095-1100.	1.2	1
70	Protection by Almagate of Ethanol-induced Gastric Mucosal Damage in Rats. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 47, 128-130.	1.2	0
71	P046 Vitamin D decreases PDIA3 and prevents the enhanced migration of fibroblasts from stricturing Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, S156-S156.	0.6	0
72	DOP87 SUCNR1 a novel key protagonist in fistula development. <i>Journal of Crohn's and Colitis</i> , 2020, 14, S126-S126.	0.6	0