Juan Vicente Esplugues

List of Publications by Year
in descending order

130	5,345	71102	98798
papers	citations	41 h-index	67 g-index

133	133	133	6684
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macrophages Modulate Hepatic Injury Involving NLRP3 Inflammasome: The Example of Efavirenz. Biomedicines, 2022, 10, 109.	3.2	6
2	SUCNR1 Mediates the Priming Step of the Inflammasome in Intestinal Epithelial Cells: Relevance in Ulcerative Colitis. Biomedicines, 2022, 10, 532.	3.2	6
3	Apoptosis of Hepatocytes: Relevance for HIV-Infected Patients under Treatment. Cells, 2021, 10, 410.	4.1	8
4	Abacavir Increases Purinergic P2X7 Receptor Activation by ATP: Does a Pro-inflammatory Synergism Underlie Its Cardiovascular Toxicity?. Frontiers in Pharmacology, 2021, 12, 613449.	3.5	2
5	NNRTI and Liver Damage: Evidence of Their Association and the Mechanisms Involved. Cells, 2021, 10, 1687.	4.1	21
6	Rilpivirine attenuates liver fibrosis through selective STAT1-mediated apoptosis in hepatic stellate cells. Gut, 2020, 69, 920-932.	12.1	70
7	WNT2b Activates Epithelial-mesenchymal Transition Through FZD4: Relevance in Penetrating CrohnÂ´s Disease. Journal of Crohn's and Colitis, 2020, 14, 230-239.	1.3	29
8	Leukocyteâ€“Endothelium Interaction Is Associated with Fat Mass in Children. Journal of Pediatrics, 2020, 221, 181-187.e1.	1.8	0
9	Succinate Activates EMT in Intestinal Epithelial Cells through SUCNR1: A Novel Protagonist in Fistula Development. Cells, 2020, 9, 1104.	4.1	27
10	The vitamin D receptor Taq I polymorphism is associated with reduced VDR and increased PDIA3 protein levels in human intestinal fibroblasts. Journal of Steroid Biochemistry and Molecular Biology, 2020, 202, 105720.	2.5	13
11	p53 and p53-related mediators PAI-1 and IGFBP-3 are downregulated in peripheral blood mononuclear cells of HIV-patients exposed to non-nucleoside reverse transcriptase inhibitors. Antiviral Research, 2020, 178, 104784.	4.1	6
12	Differential Effects of Biologics on Psoriasis-Related Vascular Inflammation and Risk of Thrombosis. Journal of Investigative Dermatology, 2020, 140, 2294-2298.e6.	0.7	4
13	Diminished Vitamin D Receptor Protein Levels in Crohnâ€™s Disease Fibroblasts: Effects of Vitamin D. Nutrients, 2020, 12, 973.	4.1	11
14	Autophagy Stimulation as a Potential Strategy Against Intestinal Fibrosis. Cells, 2019, 8, 1078.	4.1	20
15	Mitophagy in human astrocytes treated with the antiretroviral drug Efavirenz: Lack of evidence or evidence of the lack. Antiviral Research, 2019, 168, 36-50.	4.1	7
16	Succinate receptor mediates intestinal inflammation and fibrosis. Mucosal Immunology, 2019, 12, 178-187.	6.0	122
17	Indomethacin Disrupts Autophagic Flux by Inducing Lysosomal Dysfunction in Gastric Cancer Cells and Increases Their Sensitivity to Cytotoxic Drugs. Scientific Reports, 2018, 8, 3593.	3.3	33
18	Abacavir Induces Arterial Thrombosis in a Murine Model. Journal of Infectious Diseases, 2018, 218, 228-233.	4.0	10

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19	CD16+ Macrophages Mediate Fibrosis in Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2018, 12, 589-599.	1.3	30
20	Role of p62/SQSTM1 beyond autophagy: a lesson learned from drugâ€induced toxicity in vitro. British Journal of Pharmacology, 2018, 175, 440-455.	5.4	29
21	A Single Nucleotide Polymorphism in the Vitamin D Receptor Gene Is Associated With Decreased Levels of the Protein and a Penetrating Pattern in Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2018, 24, 1462-1470.	1.9	17
22	Ensuring the Consistency of Biosimilars. Current Pharmaceutical Design, 2018, 23, 6733-6738.	1.9	4
23	Putting the â€œbioâ€in â€œbiotherapeuticsâ€/checkpoints for biosimilars/application of biosimilars. European Journal of Molecular and Clinical Medicine, 2017, 3, 161.	0.1	0
24	Abacavir induces platelet-endothelium interactions by interfering with purinergic signalling: A step from inflammation to thrombosis. Antiviral Research, 2017, 141, 179-185.	4.1	22
25	Stimulation of autophagy prevents intestinal mucosal inflammation and ameliorates murine colitis. British Journal of Pharmacology, 2017, 174, 2501-2511.	5.4	66
26	Cardiovascular toxicity of abacavir. Aids, 2017, 31, 1781-1795.	2.2	34
27	Lon protease: a novel mitochondrial matrix protein in the interconnection between drugâ€induced mitochondrial dysfunction and endoplasmic reticulum stress. British Journal of Pharmacology, 2017, 174, 4409-4429.	5.4	27
28	Efavirenz: What is known about the cellular mechanisms responsible for its adverse effects. European Journal of Pharmacology, 2017, 812, 163-173.	3.5	37
29	Proton Pump Inhibitors Display Antitumor Effects in Barrett's Adenocarcinoma Cells. Frontiers in Pharmacology, 2016, 7, 452.	3.5	20
30	Interference with purinergic signalling. Aids, 2016, 30, 1341-1351.	2.2	10
31	The flesh ethanolic extract of Hylocereus polyrhizus exerts anti-inflammatory effects and prevents murine colitis. Clinical Nutrition, 2016, 35, 1333-1339.	5.0	9
32	The purine analogues abacavir and didanosine increase acetaminophen-induced hepatotoxicity by enhancing mitochondrial dysfunction. Journal of Antimicrobial Chemotherapy, 2016, 71, 916-926.	3.0	12
33	The activation of Wnt signaling by a STAT6-dependent macrophage phenotype promotes mucosal repair in murine IBD. Mucosal Immunology, 2016, 9, 986-998.	6.0	140
34	Aspirin-induced gastrointestinal damage is associated with an inhibition of epithelial cell autophagy. Journal of Gastroenterology, 2016, 51, 691-701.	5.1	30
35	The Heat Stress Response and Diabetes: More Room for Mitochondrial Implication. Current Pharmaceutical Design, 2016, 22, 2619-2639.	1.9	5
36	Endoplasmic Reticulum and Mitochondria: Independent Roles and Crosstalk in Fatty Liver Diseases and Hepatic Inflammation. Current Pharmaceutical Design, 2016, 22, 2607-2618.	1.9	19

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37	Involvement of Nitric Oxide in the Mitochondrial Action of Efavirenz: A Differential Effect on Neurons and Glial Cells. Journal of Infectious Diseases, 2015, 211, 1953-1958.	4.0	31
38	Efavirenz and the CNS: what we already know and questions that need to be answered. Journal of Antimicrobial Chemotherapy, 2015, 70, 2693-2708.	3.0	138
39	Heat Stress Induces Extended Plateau of Hsp70 Accumulation â€“ A Possible Cytoprotection Mechanism in Hepatic Cells. Journal of Cellular Biochemistry, 2015, 116, 2365-2374.	2.6	11
40	Efavirenz alters mitochondrial respiratory function in cultured neuron and glial cell lines. Journal of Antimicrobial Chemotherapy, 2015, 70, 2249-2254.	3.0	53
41	Differential effects of anti-TNF-Î± and anti-IL-12/23 agents on human leukocyteâ€“endothelial cell interactions. European Journal of Pharmacology, 2015, 765, 355-365.	3.5	30
42	Mitochondrial (dys)function â€“ a factor underlying the variability of efavirenzâ€induced hepatotoxicity?. British Journal of Pharmacology, 2015, 172, 1713-1727.	5.4	27
43	Progastrin Represses the Alternative Activation of Human Macrophages and Modulates Their Influence on Colon Cancer Epithelial Cells. PLoS ONE, 2014, 9, e98458.	2.5	16
44	Â¿CÃ³mo comparar fÃ¡rmacos biolÃ³gicos?. ReumatologÃa ClÃnica, 2014, 10, 353-359.	0.5	4
45	Lack of mitochondrial toxicity of darunavir, raltegravir and rilpivirine in neurons and hepatocytes: a comparison with efavirenz. Journal of Antimicrobial Chemotherapy, 2014, 69, 2995-3000.	3.0	48
46	Neuronal Bioenergetics and Acute Mitochondrial Dysfunction: A Clue to Understanding the Central Nervous System Side Effects of Efavirenz. Journal of Infectious Diseases, 2014, 210, 1385-1395.	4.0	69
47	Efavirenz induces interactions between leucocytes and endothelium through the activation of Mac-1 and gp150,95. Journal of Antimicrobial Chemotherapy, 2014, 69, 995-1004.	3.0	15
48	ER stress in human hepatic cells treated with Efavirenz: Mitochondria again. Journal of Hepatology, 2013, 59, 780-789.	3.7	70
49	Profile of Leukocyte-Endothelial Cell Interactions Induced in Venules and Arterioles by Nucleoside Reverse-Transcriptase Inhibitors In Vivo. Journal of Infectious Diseases, 2013, 208, 1448-1453.	4.0	19
50	M2 Macrophages Activate WNT Signaling Pathway in Epithelial Cells: Relevance in Ulcerative Colitis. PLoS ONE, 2013, 8, e78128.	2.5	104
51	Rationalizing the use of PPIs: An unresolved matter. Revista Espanola De Enfermedades Digestivas, 2013, 105, 121-124.	0.3	4
52	Differential Effects of Tenofovir/Emtricitabine and Abacavir/Lamivudine on Human Leukocyte Recruitment. Antiviral Therapy, 2012, 17, 1615-1619.	1.0	22
53	Profile of stress and toxicity gene expression in human hepatic cells treated with Efavirenz. Antiviral Research, 2012, 94, 232-241.	4.1	31
54	Induction of CD36 and Thrombospondin-1 in Macrophages by Hypoxia-Inducible Factor 1 and Its Relevance in the Inflammatory Process. PLoS ONE, 2012, 7, e48535.	2.5	53

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55	Mitochondrial interference by anti-HIV drugs: mechanisms beyond Pol-Î³ inhibition. Trends in Pharmacological Sciences, 2011, 32, 715-725.	8.7	113
56	Changes in Gastric Mucosal Permeability Induced by Haemorrhagic Shock in the Anaesthetized Rat: - Modulation by Acid. Journal of Pharmacy and Pharmacology, 2011, 50, 1095-1100.	2.4	1
57	Effect of verapamil and diltiazem on isolated gastro-oesophageal sphincter of the rat. Journal of Pharmacy and Pharmacology, 2011, 37, 208-209.	2.4	9
58	Mitochondrial Toxicity in HAART: An Overview of In Vitro Evidence. Current Pharmaceutical Design, 2011, 17, 2130-2144.	1.9	55
59	Oxidative Stress and Mitochondrial Impairment After Treatment with Anti-HIV Drugs: Clinical Implications. Current Pharmaceutical Design, 2011, 17, 4076-4086.	1.9	43
60	Nitric oxide induces HIF-1Î± stabilization and expression of intestinal trefoil factor in the damaged rat jejunum and modulates ulcer healing. Journal of Gastroenterology, 2011, 46, 565-576.	5.1	18
61	Compromising mitochondrial function with the antiretroviral drug efavirenz induces cell survival-promoting autophagy. Hepatology, 2011, 54, 1009-1019.	7.3	83
62	Autophagy as a rescue mechanism in Efavirenz-induced mitochondrial dysfunction: A lesson from hepatic cells. Autophagy, 2011, 7, 1402-1404.	9.1	32
63	Mitochondria Sentencing About Cellular Life and Death: A Matter of Oxidative Stress. Current Pharmaceutical Design, 2011, 17, 4047-4060.	1.9	61
64	Zinc Acexamate Inhibits Gastric Acid and Pepsinogen Secretion in the Rat. Journal of Pharmacy and Pharmacology, 2011, 42, 252-256.	2.4	9
65	Is the Vagina an Adequate Route for the Administration of Hormonal Contraceptives?. Current Drug Metabolism, 2010, 11, 839-849.	1.2	13
66	Inhibition of mitochondrial function by efavirenz increases lipid content in hepatic cells. Hepatology, 2010, 52, 115-125.	7.3	128
67	Nitric oxide, derived from inducible nitric oxide synthase, decreases hypoxia inducible factorâ€1Î± in macrophages during aspirinâ€induced mesenteric inflammation. British Journal of Pharmacology, 2010, 159, 1636-1645.	5.4	15
68	Enhanced oxidative stress and increased mitochondrial mass during Efavirenzâ€induced apoptosis in human hepatic cells. British Journal of Pharmacology, 2010, 160, 2069-2084.	5.4	138
69	iNOSâ€derived nitric oxide mediates the increase in TFF2 expression associated with gastric damage: role of HIFâ€1. FASEB Journal, 2010, 24, 136-145.	0.5	23
70	Abacavir and didanosine induce the interaction between human leukocytes and endothelial cells through Mac-1 upregulation. Aids, 2010, 24, 1259-1266.	2.2	41
71	Gastrin induces the interaction between human mononuclear leukocytes and endothelial cells through the endothelial expression of P-selectin and VCAM-1. American Journal of Physiology - Cell Physiology, 2009, 297, C1588-C1595.	4.6	17
72	Induction of trefoil factor (TFF)1, TFF2 and TFF3 by hypoxia is mediated by hypoxia inducible factorâ€1: implications for gastric mucosal healing. British Journal of Pharmacology, 2009, 156, 262-272.	5.4	67

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73	Regulation of Oxygen Distribution in Tissues by Endothelial Nitric Oxide. Circulation Research, 2009, 104, 1178-1183.	4.5	62
74	Mitochondrial-Targeted Antioxidants and Oxidative Stress: A Proteomic Prospective Study. Current Pharmaceutical Design, 2009, 15, 3052-3062.	1.9	10
75	Education-based approach to addressing non-evidence-basedpractice in preventing NSAID-associated gastrointestinalcomplications. World Journal of Gastroenterology, 2009, 15, 5953.	3.3	15
76	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10507-10512.	7.1	71
77	Endothelial Nitric Oxide Synthase Regulates T Cell Receptor Signaling at the Immunological Synapse. Immunity, 2006, 24, 753-765.	14.3	74
78	Complex I Dysfunction and Tolerance to Nitroglycerin. Circulation Research, 2006, 99, 1067-1075.	4.5	106
79	Gastrin induces leukocyteâ€endothelial cell interactions in vivo and contributes to the inflammation caused by Helicobacter pylori. FASEB Journal, 2006, 20, 2396-2398.	0.5	23
80	Role of Free Radicals in Sepsis: Antioxidant Therapy. Current Pharmaceutical Design, 2005, 11, 3141-3158.	1.9	157
81	Discrepancies Between Nitroglycerin and NO-Releasing Drugs on Mitochondrial Oxygen Consumption, Vasoactivity, and the Release of NO. Circulation Research, 2005, 97, 1063-1069.	4.5	80
82	First derivation in Spain of human embryonic stem cell lines: Use of long-term cryopreserved embryos and animal-free conditions. Fertility and Sterility, 2005, 83, 246-249.	1.0	70
83	Transcriptional up-regulation of nNOS in the dorsal vagal complex during low endotoxemia. Life Sciences, 2005, 77, 1044-1054.	4.3	6
84	A Pharmacological Approach to Gastric Acid Inhibition. Drugs, 2005, 65, 7???12.	10.9	12
85	Synthesis of nitric oxide in postâ€ganglionic myenteric neurons during endotoxemia: implications for gastric motor function. FASEB Journal, 2004, 18, 531-533.	0.5	21
86	Influence of cholecystitis state on pharmacological response to cholecystokinin of isolated human gallbladder with gallstones. Digestive Diseases and Sciences, 2003, 48, 898-905.	2.3	5
87	Endotoxin stimulates fecal pellet output in rats through a neural mechanism. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 51-55.	3.0	5
88	Interleukin 1Î²-induced inhibition of gastric acid secretion involves glutamate, NO and cGMP synthesis in the brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 22-27.	3.0	5
89	Inhibition of mitochondrial respiration by endogenous nitric oxide: A critical step in Fas signaling. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8892-8897.	7.1	122
90	Estrogens Inhibit Angiotensin Iiâ€“Induced Leukocyteâ€“Endothelial Cell Interactions In Vivo via Rapid Endothelial Nitric Oxide Synthase and Cyclooxygenase Activation. Circulation Research, 2002, 91, 1142-1150.	4.5	62

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91	Downregulation of nNOS and synthesis of PGs associated with endotoxin-induced delay in gastric emptying. American Journal of Physiology - Renal Physiology, 2002, 283, G1360-G1367.	3.4	48
92	NO as a signalling molecule in the nervous system. British Journal of Pharmacology, 2002, 135, 1079-1095.	5.4	441
93	A cerebral nitrergic pathway modulates endotoxin-induced changes in gastric motility. British Journal of Pharmacology, 2001, 134, 325-332.	5.4	17
94	Role of Nitric Oxide in Gastrointestinal Inflammatory and Ulcerative Diseases: Perspective for Drugs Development. Current Pharmaceutical Design, 2001, 7, 31-48.	1.9	59
95	Endotoxin inhibits gastric emptying in rats via a capsaicin-sensitive afferent pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 363, 276-280.	3.0	30
96	Comparative effects of the novel vasotocin analogue F-180 vs. vasopressin and terlipressin on systemic and splanchnic isolated vessels from portal hypertensive rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2001, 364, 199-204.	3.0	1
97	Nitric oxide: Relation to integrity, injury, and healing of the gastric mucosa. Microscopy Research and Technique, 2001, 53, 325-335.	2.2	88
98	Gastric mucosal resistance to acute injury in experimental portal hypertension. British Journal of Pharmacology, 2001, 132, 309-317.	5.4	15
99	Role of central glutamate receptors, nitric oxide and soluble guanylyl cyclase in the inhibition by endotoxin of rat gastric acid secretion. British Journal of Pharmacology, 2000, 130, 1283-1288.	5.4	16
100	Angiotensin II Induces Leukocyteâ€“Endothelial Cell Interactions In Vivo Via AT₁and AT₂Receptorâ€“Mediated P-Selectin Upregulation. Circulation, 2000, 102, 2118-2123.	1.6	148
101	Mechanisms of gastroprotection by transdermal nitroglycerin in the rat. British Journal of Pharmacology, 1999, 127, 1111-1118.	5.4	31
102	Synthesis of nitric oxide in the dorsal motor nucleus of the vagus mediates the inhibition of gastric acid secretion by central bombesin. British Journal of Pharmacology, 1999, 127, 1603-1610.	5.4	21
103	Foetal erythrocytes exhibit an increased ability to scavenge for nitric oxide. European Journal of Pharmacology, 1998, 347, 363-366.	3.5	10
104	Modulation by nitric oxide of spontaneous motility of the rat isolated duodenum: role of tachykinins. British Journal of Pharmacology, 1996, 118, 1335-1340.	5.4	24
105	Inhibition of gastric acid secretion by stress: A protective reflex mediated by cerebral nitric oxide. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14839-14844.	7.1	45
106	Effects on Arterial Blood Pressure of the Methanol and Dichloromethanol Extracts from Schinus molle L. in Rats. Phytotherapy Research, 1996, 10, 634-635.	5.8	8
107	Anatomical differences in responsiveness to vasoconstrictors in the mesenteric veins from normal and portal hypertensive rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 354, 474-480.	3.0	25
108	Nitric oxide and sensory afferent neurones modulate the protective effects of low-dose endotoxin on rat gastric mucosal damage. European Journal of Pharmacology, 1995, 280, 339-342.	3.5	21

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109	Transdermal nitroglycerin prevents nonsteroidal anti-inflammatory drug gastropathy. European Journal of Pharmacology, 1995, 281, R3-R4.	3.5	15
110	Endotoxin inhibition of distensionâ€stimulated gastric acid secretion in rat: mediation by NO in the central nervous system. British Journal of Pharmacology, 1995, 114, 8-12.	5.4	24
111	Neonatal capsaicin treatment does not prevent splanchnic vasodilatation in portal-hypertensive rats. Hepatology, 1994, 20, 1609-1614.	7.3	15
112	Involvement of neuronal processes and nitric oxide in the inhibition by endotoxin of pentagastrin-stimulated sastric acid secretion. Naunyn-Schmiedeberg's Archives of Pharmacology, 1994, 349, 523-527.	3.0	11
113	Nitric oxide donors preferentially inhibit neuronally mediated rat gastric acid secretion. European Journal of Pharmacology, 1994, 262, 181-183.	3.5	28
114	Nitric oxide mediates the inhibition by interleukin-1Î² of pentagastrin-stimulated rat gastric acid secretion. British Journal of Pharmacology, 1993, 108, 9-10.	5.4	26
115	Modulation by opioids and by afferent sensory neurones of prostanoid protection of the rat gastric mucosa. British Journal of Pharmacology, 1992, 106, 846-852.	5.4	25
116	The role of nitric oxide and platelet-activating factor in the inhibition by endotoxin of pentagastrin-stimulated gastric acid secretion. European Journal of Pharmacology, 1992, 218, 351-354.	3.5	43
117	Differential effects of locally-applied capsaicin on distension-stimulated gastric acid secretion in the anesthetized rat. Naunyn-Schmiedeberg's Archives of Pharmacology, 1992, 346, 685-90.	3.0	6
118	Influence of capsaicinâ€sensitive afferent neurones on the acid secretory responses of the rat stomach in vivo. British Journal of Pharmacology, 1990, 100, 491-496.	5.4	43
119	The vasodilator role of endogenous nitric oxide in the rat gastric microcirculation. European Journal of Pharmacology, 1989, 174, 293-296.	3.5	234
120	Local opioidâ€sensitive afferent sensory neurones in the modulation of gastric damage induced by Paf. British Journal of Pharmacology, 1989, 97, 579-585.	5.4	52
121	Gastric damage following local intraâ€arterial administration of reactive oxygen metabolites in the rat. British Journal of Pharmacology, 1989, 97, 1085-1092.	5.4	27
122	Close-arterial administration of the thromboxane mimetic U-46619 induces damage to the rat gastric mucosa. Prostaglandins, 1988, 35, 137-148.	1.2	26
123	Gastric mucosal damage induced by local intraâ€arterial administration of Paf in the rat. British Journal of Pharmacology, 1988, 93, 222-228.	5.4	39
124	Induction of rat gastric damage by the endotheliumâ€derived peptide, endothelin. British Journal of Pharmacology, 1988, 95, 1011-1013.	5.4	85
125	Differential Effects of Verapamil on Various Gastric Lesions in Rats. Pharmacology, 1988, 36, 69-72.	2.2	6
126	Increased intestinal formation of Paf in endotoxinâ€induced damage in the rat. British Journal of Pharmacology, 1987, 92, 3-4.	5.4	52

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127	Effects of calcium channel blockers on gastric emptying and acid secretion of the rat in vivo. British Journal of Pharmacology, 1986, 89, 627-633.	5.4	29
128	EFFECTS OF CHEMICAL SYMPATHECTOMY ON DOPAMINE AND NORADRENALINE CONTENT OF THE DOG GASTROINTESTINAL TRACT*. Autonomic and Autacoid Pharmacology, 1985, 5, 189-196.	0.6	28
129	Effects of a monoamine oxidase A inhibitor, FLA 668 (+) on the adrenergic mechanisms of the dog saphenous vein. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 331, 181-185.	3.0	0
130	Effects of zinc acexamate on gastric mucosal resistance factors. European Journal of Pharmacology, 1985, 109, 145-151.	3.5	33