

Luc Ver Donck

List of Publications by Year in descending order

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48
papers

1,837
citations

304368

22
h-index

329751

37
g-index

50
all docs

50
docs citations

50
times ranked

2796
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic Immune Activation Leads to Neuroinflammation and Sickness Behavior in Mice. <i>Mediators of Inflammation</i> , 2013, 2013, 1-14.	1.4	264
2	Intracerebral injection of preformed synthetic tau fibrils initiates widespread tauopathy and neuronal loss in the brains of tau transgenic mice. <i>Neurobiology of Disease</i> , 2015, 73, 83-95.	2.1	168
3	Altered Gastrointestinal and Metabolic Function in the GPR39-Obestatin Receptorâ€œKnockout Mouse. <i>Gastroenterology</i> , 2006, 131, 1131-1141.	0.6	137
4	Focal Activities and Re-Entrant Propagations as Mechanisms of Gastric Tachyarrhythmias. <i>Gastroenterology</i> , 2008, 135, 1601-1611.	0.6	122
5	Origin and propagation of the slow wave in the canine stomach: the outlines of a gastric conduction system. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1200-G1210.	1.6	112
6	Changes in Ultrastructural Calcium Distribution in Goat Atria During Atrial Fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 355-364.	0.9	90
7	Obestatin Induction of Early-Response Gene Expression in Gastrointestinal and Adipose Tissues and the Mediator Role of G Protein-Coupled Receptor, GPR39. <i>Molecular Endocrinology</i> , 2008, 22, 1464-1475.	3.7	85
8	Discovery and Characterization of AMPA Receptor Modulators Selective for TARP-Î¸. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 394-414.	1.3	81
9	Peripheral pacemakers and patterns of slow wave propagation in the canine small intestine in vivo. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 1031-1043.	0.7	61
10	Endogenous and exogenous ghrelin enhance the colonic and gastric manifestations of dextran sodium sulphateâ€œinduced colitis in mice. <i>Neurogastroenterology and Motility</i> , 2009, 21, 59-70.	1.6	52
11	Role of Ghrelin in the Relationship Between Hyperphagia and Accelerated Gastric Emptying in Diabetic Mice. <i>Gastroenterology</i> , 2008, 135, 1267-1276.	0.6	51
12	Peripheral Administration of Tumor Necrosis Factor-Alpha Induces Neuroinflammation and Sickness but Not Depressive-Like Behavior in Mice. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	50
13	Isolated rat cardiac myocytes as an experimental model to study calcium overload: The effect of calcium-entry blockers. <i>Life Sciences</i> , 1986, 38, 765-772.	2.0	47
14	Preclinical evaluation of the antipsychotic potential of the mGlu2â€œpositive allosteric modulator JNJâ€œ40411813. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00097.	1.1	39
15	Preferential block of the veratridine-induced, non-inactivating Na ⁺ current by R56865 in single cardiac Purkinje cells. <i>European Journal of Pharmacology</i> , 1991, 203, 371-378.	1.7	35
16	Subtractive hybridization unravels a role for the ion cotransporter NKCC1 in the murine intestinal pacemaker. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G1219-G1227.	1.6	35
17	Anti-Tau Monoclonal Antibodies Derived from Soluble and Filamentous Tau Show Diverse Functional Properties in vitro and in vivo. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 265-281.	1.2	32
18	Longitudinal and circumferential spike patches in the canine small intestine in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, G1014-G1027.	1.6	31

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19	Systematic Analysis of the Cytokine and Anhedonia Response to Peripheral Lipopolysaccharide Administration in Rats. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	31
20	Inactivation of the Constitutively Active Ghrelin Receptor Attenuates Limbic Seizure Activity in Rodents. <i>Neurotherapeutics</i> , 2012, 9, 658-672.	2.1	30
21	Blockade of the metabotropic glutamate (mGluR2) modulates arousal through vigilance states transitions: Evidence from sleep-wake EEG in rodents. <i>Behavioural Brain Research</i> , 2014, 270, 56-67.	1.2	29
22	Inhibition of Heat-Stable Toxin-Induced Intestinal Salt and Water Secretion by a Novel Class of Guanylyl Cyclase C Inhibitors. <i>Journal of Infectious Diseases</i> , 2015, 212, 1806-1815.	1.9	22
23	Effect of stress and peripheral immune activation on astrocyte activation in transgenic bioluminescent <i>G_αLuc</i> mice. <i>Glia</i> , 2015, 63, 1126-1137.	2.5	22
24	Repeated daily administration of increasing doses of lipopolysaccharide provides a model of sustained inflammation-induced depressive-like behaviour in mice that is independent of the NLRP3 inflammasome. <i>Behavioural Brain Research</i> , 2018, 352, 99-108.	1.2	22
25	Nebivolol Increases Survival in Cardiomyopathic Hamsters with Congestive Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 18, 1-3.	0.8	21
26	Determination of the source of increased serotonin (5-HT) concentrations in blood and peritoneal fluid of colic horses with compromised bowel. <i>Equine Veterinary Journal</i> , 2008, 40, 326-331.	0.9	18
27	Subchronic memantine induced concurrent functional disconnectivity and altered ultra-structural tissue integrity in the rodent brain: revealed by multimodal MRI. <i>Psychopharmacology</i> , 2013, 227, 479-491.	1.5	18
28	THE EFFECT OF CYCLOSPORINE ON ELECTRICALLY PACED ISOLATED RAT CARDIOMYOCYTES. <i>Transplantation</i> , 1991, 51, 972-976.	0.5	11
29	Electrical activity in the rectum of anaesthetized dogs. <i>Neurogastroenterology and Motility</i> , 2006, 18, 569-577.	1.6	11
30	Sarcolemma-bound calcium. Its importance for cell viability. , 1984, , 31-35.		11
31	Neuro-metabolite profiles of rodent models of psychiatric dysfunctions characterised by MR spectroscopy. <i>Neuropharmacology</i> , 2019, 146, 109-116.	2.0	10
32	Pharmacological studies of arrhythmias induced by rose bengal photoactivation. <i>Free Radical Biology and Medicine</i> , 1991, 10, 287-296.	1.3	7
33	Passive immunotherapy with a novel antibody against 3pE-modified A β demonstrates potential for enhanced efficacy and favorable safety in combination with BACE inhibitor treatment in plaque-depositing mice. <i>Neurobiology of Disease</i> , 2021, 154, 105365.	2.1	5
34	Spatial determination of successive spikes in the isolated cat duodenum. <i>Neurogastroenterology and Motility</i> , 2004, 16, 775-783.	1.6	4
35	GLMM approach to study the spatial and temporal evolution of spikes in the small intestine. <i>Statistical Modelling</i> , 2006, 6, 300-320.	0.5	4
36	JNJ-26070109 [(R)-4-Bromo-N-[1-(2,4-difluoro-phenyl)-ethyl]-2-(quinoxaline-5-sulfonylamino)-benzamide]: A Novel, Potent, and Selective Cholecystokinin 2 Receptor Antagonist with Good Oral Bioavailability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 328-336.	1.3	4

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37	Cyclosporine A increases the intracellular free calcium concentration in electrically paced isolated rat cardiomyocytes. <i>Journal of the American College of Cardiology</i> , 1991, 17, A140.	1.2	1
38	A model to record slow wave activity in the duodenum of the conscious dog. <i>Gastroenterology</i> , 2003, 124, A164.	0.6	1
39	Calcium Activation Profile In Electrically Stimulated Intact Rat Heart Cells. <i>Proceedings of SPIE</i> , 1988, , .	0.8	0
40	Prevention of Ca ²⁺ -overload caused by disturbed Na ⁺ channel inactivation. <i>Journal of the American College of Cardiology</i> , 1991, 17, A42.	1.2	0
41	Effect of Nebivolol on Survival of Cardiomyopathic Hamsters with Congestive Heart Failure. <i>Drug Investigation</i> , 1991, 3, 82-85.	0.6	0
42	5-HT ₄ agonists induce relaxation of precontracted circular smooth muscle from dog rectum. <i>Gastroenterology</i> , 2000, 118, A1203.	0.6	0
43	Spike patches occur throughout the canine small intestine in vivo. <i>Gastroenterology</i> , 2001, 120, A226.	0.6	0
44	M3 cholinceptor blockade inhibits dog colonic motility and antagonises 5-HT ₄ receptor agonist-induced giant migrating contractions. <i>Gastroenterology</i> , 2001, 120, A753.	0.6	0
45	Longitudinal and circular spike patches revealed with high-resolution electrical mapping in the canine small intestine in vivo. <i>Gastroenterology</i> , 2003, 124, A163.	0.6	0
46	375 Role of Ghrelin in the Relation Between Hyperphagia and Accelerated Gastric Emptying in Mice with Streptozotocin-Induced Diabetes. <i>Gastroenterology</i> , 2008, 134, A-49.	0.6	0
47	T1794 Slow Wave Origin and Pattern of Propagation in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2009, 136, A-581.	0.6	0
48	W1937 Initiation and Propagation of Secondary Waves in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2010, 138, S-770.	0.6	0