

Luc Ver Donck

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,837
citations

304743

22
h-index

330143

37
g-index

50
all docs

50
docs citations

50
times ranked

2796
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Passive immunotherapy with a novel antibody against 3pE-modified A β 2 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. | 4.4 | 5 |
| 2 | Neuro-metabolite profiles of rodent models of psychiatric dysfunctions characterised by MR spectroscopy. <i>Neuropharmacology</i> , 2019, 146, 109-116. | 4.1 | 10 |
| 3 | 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. | 2.2 | 22 |
| 4 | 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. | 2.6 | 32 |
| 5 | Systematic Analysis of the Cytokine and Anhedonia Response to Peripheral Lipopolysaccharide Administration in Rats. <i>BioMed Research International</i> , 2016, 2016, 1-14. | 1.9 | 31 |
| 6 | Discovery and Characterization of AMPA Receptor Modulators Selective for TARP- δ . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 394-414. | 2.5 | 81 |
| 7 | Preclinical evaluation of the antipsychotic potential of the mGlu2 α -positive allosteric modulator JNJ-40411813. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00097. | 2.4 | 39 |
| 8 | 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. | 1.9 | 50 |
| 9 | Inhibition of Heat-Stable Toxin α -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. | 4.0 | 22 |
| 10 | Effect of stress and peripheral immune activation on astrocyte activation in transgenic bioluminescent <i>GαLuc</i> mice. <i>Glia</i> , 2015, 63, 1126-1137. | 4.9 | 22 |
| 11 | 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. | 4.4 | 168 |
| 12 | Blockade of the metabotropic glutamate (mGluR2) modulates arousal through vigilance states transitions: Evidence from sleep \rightarrow wake EEG in rodents. <i>Behavioural Brain Research</i> , 2014, 270, 56-67. | 2.2 | 29 |
| 13 | 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. | 3.1 | 18 |
| 14 | Systemic Immune Activation Leads to Neuroinflammation and Sickness Behavior in Mice. <i>Mediators of Inflammation</i> , 2013, 2013, 1-14. | 3.0 | 264 |
| 15 | Inactivation of the Constitutively Active Ghrelin Receptor Attenuates Limbic Seizure Activity in Rodents. <i>Neurotherapeutics</i> , 2012, 9, 658-672. | 4.4 | 30 |
| 16 | JNJ-26070109 [(<i>R</i>)-4-Bromo- <i>N</i> -[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. | 2.5 | 4 |
| 17 | W1937 Initiation and Propagation of Secondary Waves in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2010, 138, S-770. | 1.3 | 0 |
| 18 | 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. | 3.4 | 112 |

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|----|--|-----|-----------|
| 19 | Endogenous and exogenous ghrelin enhance the colonic and gastric manifestations of dextran sodium sulphate-induced colitis in mice. <i>Neurogastroenterology and Motility</i> , 2009, 21, 59-70. | 3.0 | 52 |
| 20 | T1794 Slow Wave Origin and Pattern of Propagation in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2009, 136, A-581. | 1.3 | 0 |
| 21 | Obestatin Induction of Early-Response Gene Expression in Gastrointestinal and Adipose Tissues and the Mediatory Role of G Protein-Coupled Receptor, GPR39. <i>Molecular Endocrinology</i> , 2008, 22, 1464-1475. | 3.7 | 85 |
| 22 | 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. | 1.7 | 18 |
| 23 | 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. | 1.3 | 0 |
| 24 | Role of Ghrelin in the Relationship Between Hyperphagia and Accelerated Gastric Emptying in Diabetic Mice. <i>Gastroenterology</i> , 2008, 135, 1267-1276. | 1.3 | 51 |
| 25 | Focal Activities and Re-Entrant Propagations as Mechanisms of Gastric Tachyarrhythmias. <i>Gastroenterology</i> , 2008, 135, 1601-1611. | 1.3 | 122 |
| 26 | Altered Gastrointestinal and Metabolic Function in the GPR39-Obestatin Receptor Knockout Mouse. <i>Gastroenterology</i> , 2006, 131, 1131-1141. | 1.3 | 137 |
| 27 | GLMM approach to study the spatial and temporal evolution of spikes in the small intestine. <i>Statistical Modelling</i> , 2006, 6, 300-320. | 1.1 | 4 |
| 28 | Electrical activity in the rectum of anaesthetized dogs. <i>Neurogastroenterology and Motility</i> , 2006, 18, 569-577. | 3.0 | 11 |
| 29 | 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. | 3.4 | 35 |
| 30 | 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. | 1.4 | 61 |
| 31 | Spatial determination of successive spikes in the isolated cat duodenum. <i>Neurogastroenterology and Motility</i> , 2004, 16, 775-783. | 3.0 | 4 |
| 32 | Longitudinal and circular spike patches revealed with high-resolution electrical mapping in the canine small intestine in vivo. <i>Gastroenterology</i> , 2003, 124, A163. | 1.3 | 0 |
| 33 | A model to record slow wave activity in the duodenum of the conscious dog. <i>Gastroenterology</i> , 2003, 124, A164. | 1.3 | 1 |
| 34 | Longitudinal and circumferential spike patches in the canine small intestine in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, G1014-G1027. | 3.4 | 31 |
| 35 | Spike patches occur throughout the canine small intestine in vivo. <i>Gastroenterology</i> , 2001, 120, A226. | 1.3 | 0 |
| 36 | M3 cholinceptor blockade inhibits dog colonic motility and antagonises 5-HT4 receptor agonist-induced giant migrating contractions. <i>Gastroenterology</i> , 2001, 120, A753. | 1.3 | 0 |

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|----|---|-----|-----------|
| 37 | Changes in Ultrastructural Calcium Distribution in Goat Atria During Atrial Fibrillation. Journal of Molecular and Cellular Cardiology, 2000, 32, 355-364. | 1.9 | 90 |
| 38 | 5-HT ₄ agonists induce relaxation of precontracted circular smooth muscle from dog rectum. Gastroenterology, 2000, 118, A1203. | 1.3 | 0 |
| 39 | Prevention of Ca ²⁺ -overload caused by disturbed Na ⁺ channel inactivation. Journal of the American College of Cardiology, 1991, 17, A42. | 2.8 | 0 |
| 40 | Effect of Nebivolol on Survival of Cardiomyopathic Hamsters with Congestive Heart Failure. Drug Investigation, 1991, 3, 82-85. | 0.6 | 0 |
| 41 | Preferential block of the veratridine-induced, non-inactivating Na ⁺ current by R56865 in single cardiac Purkinje cells. European Journal of Pharmacology, 1991, 203, 371-378. | 3.5 | 35 |
| 42 | Cyclosporine A increases the intracellular free calcium concentration in electrically paced isolated rat cardiomyocytes. Journal of the American College of Cardiology, 1991, 17, A140. | 2.8 | 1 |
| 43 | THE EFFECT OF CYCLOSPORINE ON ELECTRICALLY PACED ISOLATED RAT CARDIOMYOCYTES. Transplantation, 1991, 51, 972-976. | 1.0 | 11 |
| 44 | Pharmacological studies of arrhythmias induced by rose bengal photoactivation. Free Radical Biology and Medicine, 1991, 10, 287-296. | 2.9 | 7 |
| 45 | Nebivolol Increases Survival in Cardiomyopathic Hamsters with Congestive Heart Failure. Journal of Cardiovascular Pharmacology, 1991, 18, 1-3. | 1.9 | 21 |
| 46 | Calcium Activation Profile In Electrically Stimulated Intact Rat Heart Cells. Proceedings of SPIE, 1988, , . | 0.8 | 0 |
| 47 | Isolated rat cardiac myocytes as an experimental model to study calcium overload: The effect of calcium-entry blockers. Life Sciences, 1986, 38, 765-772. | 4.3 | 47 |
| 48 | Sarcolemma-bound calcium. Its importance for cell viability. , 1984, , 31-35. | | 11 |