

# Luc Ver Donck

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Passive immunotherapy with a novel antibody against 3pE-modified A $\beta$ 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.  | 2.1 | 5         |
| 2  | Neuro-metabolite profiles of rodent models of psychiatric dysfunctions characterised by MR spectroscopy. <i>Neuropharmacology</i> , 2019, 146, 109-116.   | 2.0 | 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.  | 1.2 | 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.   | 1.2 | 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.  | 0.9 | 31        |
| 6  | Discovery and Characterization of AMPA Receptor Modulators Selective for TARP- $\delta$ . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 394-414.  | 1.3 | 81        |
| 7  | Preclinical evaluation of the antipsychotic potential of the mGlu2 $\epsilon$ -positive allosteric modulator JNJ-40411813. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00097.   | 1.1 | 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.  | 0.9 | 50        |
| 9  | Inhibition of Heat-Stable Toxin $\epsilon$ -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        |
| 10 | Effect of stress and peripheral immune activation on astrocyte activation in transgenic bioluminescent <i>G<math>\alpha</math>Luc</i> mice. <i>Glia</i> , 2015, 63, 1126-1137.  | 2.5 | 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.   | 2.1 | 168       |
| 12 | Blockade of the metabotropic glutamate (mGluR2) modulates arousal through vigilance states transitions: Evidence from sleep $\epsilon$ wake EEG in rodents. <i>Behavioural Brain Research</i> , 2014, 270, 56-67.   | 1.2 | 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.   | 1.5 | 18        |
| 14 | Systemic Immune Activation Leads to Neuroinflammation and Sickness Behavior in Mice. <i>Mediators of Inflammation</i> , 2013, 2013, 1-14.   | 1.4 | 264       |
| 15 | Inactivation of the Constitutively Active Ghrelin Receptor Attenuates Limbic Seizure Activity in Rodents. <i>Neurotherapeutics</i> , 2012, 9, 658-672.  | 2.1 | 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. | 1.3 | 4         |
| 17 | W1937 Initiation and Propagation of Secondary Waves in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2010, 138, S-770.  | 0.6 | 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.  | 1.6 | 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.                 | 1.6 | 52        |
| 20 | T1794 Slow Wave Origin and Pattern of Propagation in the Canine Stomach In Vivo. <i>Gastroenterology</i> , 2009, 136, A-581.   | 0.6 | 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.             | 0.9 | 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.                                | 0.6 | 0         |
| 24 | 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        |
| 25 | Focal Activities and Re-Entrant Propagations as Mechanisms of Gastric Tachyarrhythmias. <i>Gastroenterology</i> , 2008, 135, 1601-1611.  | 0.6 | 122       |
| 26 | Altered Gastrointestinal and Metabolic Function in the GPR39-Obestatin Receptor Knockout Mouse. <i>Gastroenterology</i> , 2006, 131, 1131-1141.  | 0.6 | 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.   | 0.5 | 4         |
| 28 | Electrical activity in the rectum of anaesthetized dogs. <i>Neurogastroenterology and Motility</i> , 2006, 18, 569-577.  | 1.6 | 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.                 | 1.6 | 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.                                 | 0.7 | 61        |
| 31 | Spatial determination of successive spikes in the isolated cat duodenum. <i>Neurogastroenterology and Motility</i> , 2004, 16, 775-783.  | 1.6 | 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.                                       | 0.6 | 0         |
| 33 | A model to record slow wave activity in the duodenum of the conscious dog. <i>Gastroenterology</i> , 2003, 124, A164.  | 0.6 | 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.   | 1.6 | 31        |
| 35 | Spike patches occur throughout the canine small intestine in vivo. <i>Gastroenterology</i> , 2001, 120, A226.  | 0.6 | 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.                                   | 0.6 | 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.                                | 0.9 | 90        |
| 38 | 5-HT <sub>4</sub> agonists induce relaxation of precontracted circular smooth muscle from dog rectum. Gastroenterology, 2000, 118, A1203.   | 0.6 | 0         |
| 39 | Prevention of Ca <sup>2+</sup> -overload caused by disturbed Na <sup>+</sup> channel inactivation. Journal of the American College of Cardiology, 1991, 17, A42.                          | 1.2 | 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 <sup>+</sup> current by R56865 in single cardiac Purkinje cells. European Journal of Pharmacology, 1991, 203, 371-378. | 1.7 | 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.   | 1.2 | 1         |
| 43 | THE EFFECT OF CYCLOSPORINE ON ELECTRICALLY PACED ISOLATED RAT CARDIOMYOCYTES. Transplantation, 1991, 51, 972-976.   | 0.5 | 11        |
| 44 | Pharmacological studies of arrhythmias induced by rose bengal photoactivation. Free Radical Biology and Medicine, 1991, 10, 287-296.  | 1.3 | 7         |
| 45 | Nebivolol Increases Survival in Cardiomyopathic Hamsters with Congestive Heart Failure. Journal of Cardiovascular Pharmacology, 1991, 18, 1-3.  | 0.8 | 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.                                 | 2.0 | 47        |
| 48 | Sarcolemma-bound calcium. Its importance for cell viability. , 1984, , 31-35.   |     | 11        |