

Philippe Aubert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1183332/publications.pdf>

Version: 2024-02-01

37
papers

2,629
citations

304743

22
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

3516
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Engineered human pluripotent-stem-cell-derived intestinal tissues with a functional enteric nervous system. <i>Nature Medicine</i> , 2017, 23, 49-59. | 30.7 | 465 |
| 2 | Impaired intestinal barrier integrity in the colon of patients with irritable bowel syndrome: involvement of soluble mediators. <i>Gut</i> , 2009, 58, 196-201. | 12.1 | 438 |
| 3 | Changes in enteric neurone phenotype and intestinal functions in a transgenic mouse model of enteric glia disruption. <i>Gut</i> , 2006, 55, 630-637. | 12.1 | 187 |
| 4 | Changes in chemical coding of myenteric neurones in ulcerative colitis. <i>Gut</i> , 2003, 52, 84-90. | 12.1 | 148 |
| 5 | Enteric glia inhibit intestinal epithelial cell proliferation partly through a TGF- β 1-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G231-G241. | 3.4 | 137 |
| 6 | Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. <i>Nature Biotechnology</i> , 2015, 33, 549-554. | 17.5 | 129 |
| 7 | Nerve Fiber Outgrowth Is Increased in the Intestinal Mucosa of Patients With Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2015, 148, 1002-1011.e4. | 1.3 | 127 |
| 8 | Multi-hit early life adversity affects gut microbiota, brain and behavior in a sex-dependent manner. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 179-192. | 4.1 | 102 |
| 9 | Enteric glial cells protect neurons from oxidative stress in part via reduced glutathione. <i>FASEB Journal</i> , 2010, 24, 1082-1094. | 0.5 | 91 |
| 10 | Enteric glia modulate epithelial cell proliferation and differentiation through 15-deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ . <i>Journal of Physiology</i> , 2010, 588, 2533-2544. | 2.9 | 81 |
| 11 | Enteric glia protect against <i>Shigella flexneri</i> invasion in intestinal epithelial cells: a role for S-nitrosoglutathione. <i>Gut</i> , 2011, 60, 473-484. | 12.1 | 80 |
| 12 | Neurochemical plasticity in the enteric nervous system of a primate animal model of experimental Parkinsonism. <i>Neurogastroenterology and Motility</i> , 2009, 21, 215-222. | 3.0 | 75 |
| 13 | Effects of oral administration of rotenone on gastrointestinal functions in mice. <i>Neurogastroenterology and Motility</i> , 2013, 25, e183-93. | 3.0 | 66 |
| 14 | Inducible Mouse Model of Chronic Intestinal Pseudo-Obstruction by Smooth Muscle-Specific Inactivation of the SRF Gene. <i>Gastroenterology</i> , 2007, 133, 1960-1970. | 1.3 | 52 |
| 15 | Maternal exposure to GOS/inulin mixture prevents food allergies and promotes tolerance in offspring in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 68-76. | 5.7 | 46 |
| 16 | Intestinal Epithelial Cell Dysfunction is Mediated by an Endothelial-Specific Radiation-Induced Bystander Effect. <i>Radiation Research</i> , 2007, 167, 185-193. | 1.5 | 38 |
| 17 | Neurochemical coding of myenteric neurones in the human gastric fundus. <i>Neurogastroenterology and Motility</i> , 2003, 15, 655-662. | 3.0 | 36 |
| 18 | Characterisation of Early Mucosal and Neuronal Lesions Following <i>Shigella flexneri</i> Infection in Human Colon. <i>PLoS ONE</i> , 2009, 4, e4713. | 2.5 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | <i>L. fermentum</i> CECT 5716 prevents stress-induced intestinal barrier dysfunction in newborn rats. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13069. | 3.0 | 33 |
| 20 | Postnatal development of the myenteric glial network and its modulation by butyrate. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G941-G951. | 3.4 | 32 |
| 21 | Sacral nerve stimulation enhances early intestinal mucosal repair following mucosal injury in a pig model. <i>Journal of Physiology</i> , 2016, 594, 4309-4323. | 2.9 | 26 |
| 22 | Food allergy enhances allergic asthma in mice. <i>Respiratory Research</i> , 2014, 15, 142. | 3.6 | 23 |
| 23 | Sacral nerve stimulation enhances epithelial barrier of the rectum: results from a porcine model. <i>Neurogastroenterology and Motility</i> , 2012, 24, 267. | 3.0 | 21 |
| 24 | Anti-inflammatory Effects of Enhanced Recovery Programs on Early-Stage Colorectal Cancer Surgery. <i>World Journal of Surgery</i> , 2018, 42, 953-964. | 1.6 | 20 |
| 25 | Acid-Hydrolyzed Gliadins Worsen Food Allergies through Early Sensitization. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800159. | 3.3 | 19 |
| 26 | Glioplasticity in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13232. | 3.0 | 17 |
| 27 | Colonic endoscopic full-thickness biopsies: from the neuropathological analysis of the myenteric plexus to the functional study of neuromuscular transmission. <i>Gastrointestinal Endoscopy</i> , 2011, 73, 1029-1034. | 1.0 | 15 |
| 28 | Basal and Spasmolytic Effects of a Hydroethanolic Leaf Extract of <i>Melissa officinalis</i> L. on Intestinal Motility: An <i>Ex Vivo</i> Study. <i>Journal of Medicinal Food</i> , 2019, 22, 653-662. | 1.5 | 15 |
| 29 | Probe-based confocal laser endomicroscopy: A new method for quantitative analysis of pit structure in healthy and Crohn's disease patients. <i>Digestive and Liver Disease</i> , 2013, 45, 487-492. | 0.9 | 14 |
| 30 | Maternal protein restriction induces gastrointestinal dysfunction and enteric nervous system remodeling in rat offspring. <i>FASEB Journal</i> , 2019, 33, 770-781. | 0.5 | 11 |
| 31 | Acetylcholine induces stem cell properties of gastric cancer cells of diffuse type. <i>Tumor Biology</i> , 2018, 40, 101042831879902. | 1.8 | 10 |
| 32 | Consecutive Food and Respiratory Allergies Amplify Systemic and Gut but Not Lung Outcomes in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6475-6483. | 5.2 | 9 |
| 33 | Analysis of enteric nervous system and intestinal epithelial barrier to predict complications in Hirschsprung's disease. <i>Scientific Reports</i> , 2020, 10, 21725. | 3.3 | 9 |
| 34 | Effects of 1-week sacral nerve stimulation on the rectal intestinal epithelial barrier and neuromuscular transmission in a porcine model. <i>Neurogastroenterology and Motility</i> , 2015, 27, 40-50. | 3.0 | 8 |
| 35 | Late-Stage Glioma Is Associated with Deleterious Alteration of Gut Bacterial Metabolites in Mice. <i>Metabolites</i> , 2022, 12, 290. | 2.9 | 6 |
| 36 | Reversibility of gastric mucosal lesions induced by sodium phosphate tablets and characterized by probe-based confocal laser endomicroscopy. <i>Endoscopy International Open</i> , 2015, 03, E69-E75. | 1.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A murine model to study the gut bacteria parameters during complex antibiotics like cefotaxime and ceftriaxone treatment. Computational and Structural Biotechnology Journal, 2021, 19, 1423-1430. | 4.1 | 4 |