

# LÃ©on C A Van Gurp

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5402000/publications.pdf>

Version: 2024-02-01

16  
papers

1,857  
citations

687363

13  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

4036  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Generation of human islet cell type-specific identity genesets. Nature Communications, 2022, 13, 2020.  | 12.8 | 25        |
| 2  | Pancreatic Ppy-expressing $\beta$ -cells display mixed phenotypic traits and the adaptive plasticity to engage insulin production. Nature Communications, 2021, 12, 4458.     | 12.8 | 34        |
| 3  | A transcriptomic roadmap to alpha- and beta cell differentiation in the embryonic pancreas. Development (Cambridge), 2019, 146, .   | 2.5  | 17        |
| 4  | Diabetes relief in mice by glucose-sensing insulin-secreting human $\beta$ -cells. Nature, 2019, 567, 43-48.  | 27.8 | 188       |
| 5  | Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. Stem Cell Reports, 2018, 10, 712-724.        | 4.8  | 106       |
| 6  | Pancreatic islet-autonomous insulin and smoothened-mediated signalling modulate identity changes of glucagon+ $\beta$ -cells. Nature Cell Biology, 2018, 20, 1267-1277.       | 10.3 | 54        |
| 7  | A Single-Cell Transcriptome Atlas of the Human Pancreas. Cell Systems, 2016, 3, 385-394.e3.   | 6.2  | 966       |
| 8  | Sequential intravital imaging reveals in vivo dynamics of pancreatic tissue transplanted under the kidney capsule in mice. Diabetologia, 2016, 59, 2387-2392.                 | 6.3  | 21        |
| 9  | Intravital Microscopy Through an Abdominal Imaging Window Reveals a Pre-Micrometastasis Stage During Liver Metastasis. Science Translational Medicine, 2012, 4, 158ra145.     | 12.4 | 178       |
| 10 | Induced Wnt5a expression perturbs embryonic outgrowth and intestinal elongation, but is well-tolerated in adult mice. Developmental Biology, 2012, 369, 91-100.               | 2.0  | 32        |
| 11 | An ENU-induced point mutation in the mouse Btaf1 gene causes post-gastrulation embryonic lethality and protein instability. Mechanisms of Development, 2011, 128, 279-288.    | 1.7  | 4         |
| 12 | $\beta$ -catenin tyrosine 654 phosphorylation increases Wnt signalling and intestinal tumorigenesis. Gut, 2011, 60, 1204-1212.  | 12.1 | 148       |
| 13 | An ENU-Mutagenesis Screen in the Mouse: Identification of Novel Developmental Gene Functions. PLoS ONE, 2011, 6, e19357.  | 2.5  | 35        |
| 14 | Duodenal pain and spinal morphine induce conditioned taste aversion in rats. Physiology and Behavior, 2007, 91, 310-317.  | 2.1  | 3         |
| 15 | Individual reactivity to the open-field predicts the expression of stress-induced behavioural and somatic pain sensitisation. Behavioural Brain Research, 2006, 174, 112-118. | 2.2  | 30        |
| 16 | Individual reactivity to the open-field predicts the expression of cardiovascular and behavioural sensitisation to novel stress. Behavioural Brain Research, 2006, 175, 9-17. | 2.2  | 16        |