

# Gaelle R Carrat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7750288/publications.pdf>

Version: 2024-02-01

9  
papers

410  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leader $\beta$ -cells coordinate $Ca^{2+}$ dynamics across pancreatic islets in vivo. <i>Nature Metabolism</i> , 2019, 1, 615-629.	11.9	128
2	The effects of kisspeptin on $\beta$ -cell function, serum metabolites and appetite in humans. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2800-2810.	4.4	74
3	Persistent or Transient Human $\beta$ Cell Dysfunction Induced by Metabolic Stress: Specific Signatures and Shared Gene Expression with Type 2 Diabetes. <i>Cell Reports</i> , 2020, 33, 108466.	6.4	65
4	Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. <i>American Journal of Human Genetics</i> , 2017, 100, 238-256.	6.2	60
5	Mice harboring the human <i>SLC30A8</i> R138X loss-of-function mutation have increased insulin secretory capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7642-E7649.	7.1	45
6	The type 2 diabetes gene product STARD10 is a phosphoinositide-binding protein that controls insulin secretory granule biogenesis. <i>Molecular Metabolism</i> , 2020, 40, 101015.	6.5	22
7	Hypothalamic arcuate nucleus glucokinase regulates insulin secretion and glucose homeostasis. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2246-2254.	4.4	11
8	Chromatin 3D interaction analysis of the STARD10 locus unveils FCHSD2 as a regulator of insulin secretion. <i>Cell Reports</i> , 2021, 34, 108703.	6.4	4
9	Real-Time In Vivo Imaging of Whole Islet $Ca^{2+}$ Dynamics Reveals Glucose-Induced Changes in Beta-Cell Connectivity in Mouse and Human Islets. <i>Diabetes</i> , 2018, 67, 249-LB.	0.6	1