

Nathalie Esser

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,063
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

4250
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation as a link between obesity, metabolic syndrome and type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2014, 105, 141-150.	2.8	1,420
2	Obesity phenotype is related to NLRP3 inflammasome activity and immunological profile of visceral adipose tissue. <i>Diabetologia</i> , 2013, 56, 2487-2497.	6.3	202
3	Free fatty acids as modulators of the NLRP3 inflammasome in obesity/type 2 diabetes. <i>Biochemical Pharmacology</i> , 2014, 92, 131-141.	4.4	134
4	Early beta cell dysfunction vs insulin hypersecretion as the primary event in the pathogenesis of dysglycaemia. <i>Diabetologia</i> , 2020, 63, 2007-2021.	6.3	94
5	Saturated fatty acids induce NLRP3 activation in human macrophages through K ⁺ efflux resulting from phospholipid saturation and Na, K-ATPase disruption. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1017-1030.	2.4	61
6	Neprilysin inhibition: a new therapeutic option for type 2 diabetes?. <i>Diabetologia</i> , 2019, 62, 1113-1122.	6.3	41
7	The β Cell in Diabetes: Integrating Biomarkers With Functional Measures. <i>Endocrine Reviews</i> , 2021, 42, 528-583.	20.1	21
8	Neprilysin inhibition in mouse islets enhances insulin secretion in a GLP-1 receptor dependent manner. <i>Islets</i> , 2018, 10, 175-180.	1.8	18
9	Neprilysin Inhibition Increases Glucagon Levels in Humans and Mice With Potential Effects on Amino Acid Metabolism. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab084.	0.2	18
10	SGLT2-i improves markers of islet endothelial cell function in db/db diabetic mice. <i>Journal of Endocrinology</i> , 2021, 248, 95-106.	2.6	12
11	Low concentration IL-1 β promotes islet amyloid formation by increasing hIAPP release from humanised mouse islets in vitro. <i>Diabetologia</i> , 2020, 63, 2385-2395.	6.3	10
12	Loss of perlecan heparan sulfate glycosaminoglycans lowers body weight and decreases islet amyloid deposition in human islet amyloid polypeptide transgenic mice. <i>Protein Engineering, Design and Selection</i> , 2019, 32, 95-102.	2.1	8
13	Neprilysin inhibition improves intravenous but not oral glucose-mediated insulin secretion via GLP-1R signaling in mice with β -cell dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E307-E318.	3.5	8
14	On the causal relationships between hyperinsulinaemia, insulin resistance, obesity and dysglycaemia in type 2 diabetes: Reply to Johnson JD [letter]. <i>Diabetologia</i> , 2021, 64, 2345-2347.	6.3	6
15	RNA-seq-based identification of Star upregulation by islet amyloid formation. <i>Protein Engineering, Design and Selection</i> , 2019, 32, 67-76.	2.1	5
16	New Insights on the PBMCs Phospholipidome in Obesity Demonstrate Modulations Associated with Insulin Resistance and Glycemic Status. <i>Nutrients</i> , 2021, 13, 3461.	4.1	3
17	Insulinotropic Effects of Neprilysin and/or Angiotensin Receptor Inhibition in Mice. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	2
18	Loss of apoptosis repressor with caspase recruitment domain (ARC) worsens high fat diet-induced hyperglycemia in mice. <i>Journal of Endocrinology</i> , 2021, 251, 125-135.	2.6	0