Simon J Fisher

List of Publications by Year
in descending order

32 papers	1,691 citations	471509 17 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	2513 citing authors

#	Article	IF	Citations
1	Beliefs Around Hypoglycemia and Their Impacts on Hypoglycemia Outcomes in Individuals with Type 1 Diabetes and High Risks for Hypoglycemia Despite Using Advanced Diabetes Technologies. Diabetes Care, 2022, 45, 520-528.	8.6	21
2	Symmetric and asymmetric receptor conformation continuum induced by a new insulin. Nature Chemical Biology, 2022, 18, 511-519.	8.0	20
3	Insulin Action in the Brain regulates both Central and Peripheral Functions. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E156-E163.	3.5	35
4	Lessons From the First Decade of the Native American Summer Research Internship at the University of Utah. Academic Medicine, 2021, 96, 522-528.	1.6	5
5	Understanding the Prevalence of Prediabetes and Diabetes in Patients With Cancer in Clinical Practice: A Real-World Cohort Study. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 709-718.	4.9	15
6	Alarm Settings of Continuous Glucose Monitoring Systems and Associations to Glucose Outcomes in Type 1 Diabetes. Journal of the Endocrine Society, 2020, 4, bvz005.	0.2	24
7	A structurally minimized yet fully active insulin based on cone-snail venom insulin principles. Nature Structural and Molecular Biology, 2020, 27, 615-624.	8.2	36
8	Hypoglycemia unawareness and autonomic dysfunction in diabetes: Lessons learned and roles of diabetes technologies. Journal of Diabetes Investigation, 2020, 11, 1388-1402.	2.4	40
9	Associations Between the Time in Hypoglycemia and Hypoglycemia Awareness Status in Type 1 Diabetes Patients Using Continuous Glucose Monitoring Systems. Diabetes Technology and Therapeutics, 2020, 22, 787-793.	4.4	16
10	Longâ€Łasting Designer Insulin with Glucoseâ€Đependent Solubility Markedly Reduces Risk of Hypoglycemia. Advanced Therapeutics, 2019, 2, 1900128.	3.2	8
11	Severe Hypoglycemiaâ€“Induced Fatal Cardiac Arrhythmias Are Mediated by the Parasympathetic Nervous System in Rats. Diabetes, 2019, 68, 2107-2119.	0.6	13
12	Depletion of PD-1-positive cells ameliorates autoimmune disease. Nature Biomedical Engineering, 2019, 3, 292-305.	22.5	48
13	Carvedilol prevents counterregulatory failure and impaired hypoglycaemia awareness in non-diabetic recurrently hypoglycaemic rats. Diabetologia, 2019, 62, 676-686.	6.3	10
14	RE: RE: Impaired Awareness of Hypoglycemia Continues to be a Risk Factor for Severe Hypoglycemia Despite the use of Continuous Glucose Monitoring System in Type 1 Diabetes. Endocrine Practice, 2019, 25, 1080-1081.	2.1	4
15	Hypoglycemia in type 2 diabetes: understanding patientsâ€™ and physiciansâ€™ knowledge and experience. Endocrine, 2018, 60, 435-444.	2.3	6
16	Prevention of Severe Hypoglycemia-Induced Brain Damage and Cognitive Impairment With Verapamil. Diabetes, 2018, 67, 2107-2112.	0.6	15
17	Insulin regulates GLUT4 in the ventromedial hypothalamus to restore the sympathoadrenal response to hypoglycemia in diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E1286-E1295.	3.5	5
18	Glibenclamide Prevents Hypoglycemia-Induced Fatal Cardiac Arrhythmias in Rats. Endocrinology, 2018, 159, 2614-2620.	2.8	6

#	Article	IF	Citations
19	Severe hypoglycemia-induced sudden death is mediated by both cardiac arrhythmias and seizures. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E240-E249.	3.5	30
20	Severe Hypoglycemiaâ€“Induced Fatal Cardiac Arrhythmias Are Augmented by Diabetes and Attenuated by Recurrent Hypoglycemia. Diabetes, 2017, 66, 3091-3097.	0.6	22
21	Brain GLUT4 Knockout Mice Have Impaired Glucose Tolerance, Decreased Insulin Sensitivity, and Impaired Hypoglycemic Counterregulation. Diabetes, 2017, 66, 587-597.	0.6	76
22	Antecedent glycemic control reduces severe hypoglycemia-induced neuronal damage in diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1331-E1337.	3.5	19
23	Defective Counterregulation and Hypoglycemia Unawareness in Diabetes. Endocrinology and Metabolism Clinics of North America, 2013, 42, 15-38.	3.2	41
24	Severe Hypoglycemiaâ€“Induced Lethal Cardiac Arrhythmias Are Mediated by Sympathoadrenal Activation. Diabetes, 2013, 62, 3570-3581.	0.6	117
25	Brain Insulin Controls Adipose Tissue Lipolysis and Lipogenesis. Cell Metabolism, 2011, 13, 183-194.	16.2	216
26	Pharmacologic amelioration of severe hypoglycemia-induced neuronal damage. Neuroscience Letters, 2011, 492, 23-28.	2.1	11
27	Recurrent Moderate Hypoglycemia Ameliorates Brain Damage and Cognitive Dysfunction Induced by Severe Hypoglycemia. Diabetes, 2010, 59, 1055-1062.	0.6	94
28	Brain Insulin Action Regulates Hypothalamic Glucose Sensing and the Counterregulatory Response to Hypoglycemia. Diabetes, 2010, 59, 2271-2280.	0.6	84
29	Brain insulin infusion does not augment the counterregulatory response to hypoglycemia or glucoprivation. Metabolism: Clinical and Experimental, 2009, 58, 812-820.	3.4	11
30	Insulin Signaling in the Central Nervous System Is Critical for the Normal Sympathoadrenal Response to Hypoglycemia. Diabetes, 2005, 54, 1447-1451.	0.6	101
31	Insulin signaling is required for insulinâ€™s direct and indirect action on hepatic glucose production. Journal of Clinical Investigation, 2003, 111, 463-468.	8.2	171
32	Muscle-specific PPARÎ³-deficient mice develop increased adiposity and insulin resistance but respond to thiazolidinediones. Journal of Clinical Investigation, 2003, 112, 608-618.	8.2	366