

Jenny E Gunton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6284948/publications.pdf>

Version: 2024-02-01

80
papers

5,582
citations

87723

38
h-index

79541

73
g-index

80
all docs

80
docs citations

80
times ranked

9150
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron chelation increases beige fat differentiation and metabolic activity, preventing and treating obesity. <i>Scientific Reports</i> , 2022, 12, 776.	1.6	8
2	Metabolic changes in vitamin D receptor knockout mice. <i>PLoS ONE</i> , 2022, 17, e0267573.	1.1	1
3	Vitamin C improves healing of foot ulcers: a randomised, double-blind, placebo-controlled trial. <i>British Journal of Nutrition</i> , 2021, 126, 1451-1458.	1.2	23
4	Beta-cell function and human islet transplantation: can we improve?. <i>Journal of Endocrinology</i> , 2021, 248, R99-R112.	1.2	6
5	Cosmetic Fat Transplantation: A Review. <i>Current Molecular Medicine</i> , 2021, 21, 133-141.	0.6	5
6	The atypical small GTPase GEM/Kir is a negative regulator of the NADPH oxidase and NETs production through macroautophagy. <i>Journal of Leukocyte Biology</i> , 2021, 110, 629-649.	1.5	2
7	Associations between Nutrients and Foot Ulceration in Diabetes: A Systematic Review. <i>Nutrients</i> , 2021, 13, 2576.	1.7	17
8	First World Consensus Conference on pancreas transplantation: Part II " recommendations. <i>American Journal of Transplantation</i> , 2021, 21, 17-59.	2.6	43
9	Benchmarking care outcomes for young adults with type 1 diabetes in Australia after transition to adult care. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00295.	1.0	2
10	Unravelling Checkpoint Inhibitor Associated Autoimmune Diabetes: From Bench to Bedside. <i>Frontiers in Endocrinology</i> , 2021, 12, 764138.	1.5	22
11	A Pilot Study Examining Vitamin C Levels in Periodontal Patients. <i>Nutrients</i> , 2020, 12, 2255.	1.7	8
12	Beta-Cell-Specific Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 5 Aggravates High-Fat Diet-Induced Impairment of Islet Insulin Secretion in Mice. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 618-635.	2.5	10
13	A fluorescent timer reporter enables sorting of insulin secretory granules by age. <i>Journal of Biological Chemistry</i> , 2020, 295, 8901-8911.	1.6	22
14	Hypoxia-inducible factors and diabetes. <i>Journal of Clinical Investigation</i> , 2020, 130, 5063-5073.	3.9	84
15	Mice with myocyte deletion of vitamin D receptor have sarcopenia and impaired muscle function. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1228-1240.	2.9	79
16	β Cell Hypoxia-Inducible Factor-1 α Is Required for the Prevention of Type 1 Diabetes. <i>Cell Reports</i> , 2019, 27, 2370-2384.e6.	2.9	21
17	Differential associations of ferritin and 25-hydroxyvitamin D with fasting glucose and diabetes risk in community dwelling older men. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3172.	1.7	1
18	The Changing Landscape of Pharmacotherapy for Diabetes Mellitus: A Review of Cardiovascular Outcomes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5853.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Inducible UCP1 silencing: A lentiviral RNA-interference approach to quantify the contribution of beige fat to energy homeostasis. PLoS ONE, 2019, 14, e0223987.	1.1	1
20	Myeloid cell deletion of Aryl hydrocarbon Receptor Nuclear Translocator (ARNT) induces non-alcoholic steatohepatitis. PLoS ONE, 2019, 14, e0225332.	1.1	6
21	Bone Muscle Interactions and Exercise. , 2019, , 40-46.		1
22	Vitamin D Improves Cardiac Function After Myocardial Infarction Through Modulation of Resident Cardiac Progenitor Cells. Heart Lung and Circulation, 2018, 27, 967-975.	0.2	10
23	Ethnicity influences cardiovascular outcomes and complications in patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2018, 32, 144-149.	1.2	9
24	Vitamin D and the Liverâ€™ Correlation or Cause?. Nutrients, 2018, 10, 496.	1.7	74
25	Vitamin D and muscle. Bone Reports, 2018, 8, 163-167.	0.2	68
26	Women with type 2 diabetes in pregnancy remain a high-risk group. Minerva Endocrinology, 2018, 43, 224-225.	0.6	1
27	Iodine deficiency in women of childbearing age: not bread alone?. Asia Pacific Journal of Clinical Nutrition, 2018, 27, 853-859.	0.3	5
28	Vitamin D in liver disease: Current evidence and potential directions. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 907-916.	1.8	39
29	Diabetes Medications and Cardiovascular Outcomes in Type 2 Diabetes. Heart Lung and Circulation, 2017, 26, 1133-1141.	0.2	10
30	Islet Transplantation Provides Superior Glycemic Control With Less Hypoglycemia Compared With Continuous Subcutaneous Insulin Infusion or Multiple Daily Insulin Injections. Transplantation, 2017, 101, 1268-1275.	0.5	51
31	Transplantation sites for porcine islets. Diabetologia, 2017, 60, 1972-1976.	2.9	11
32	Transplantation sites for human and murine islets. Diabetologia, 2017, 60, 1961-1971.	2.9	47
33	GLP-1 receptor signalling promotes Î²-cell glucose metabolism via mTOR-dependent HIF-1Î± activation. Scientific Reports, 2017, 7, 2661.	1.6	72
34	Vitamin D pathway regulatory genes encoding 1Î±-hydroxylase and 24Î±-hydroxylase are dysregulated in sinonasal tissue during chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2017, 7, 169-176.	1.5	15
35	The Geometric Framework for Nutrition as a tool in precision medicine. Nutrition and Healthy Aging, 2017, 4, 217-226.	0.5	76
36	Hepatic Aryl hydrocarbon Receptor Nuclear Translocator (ARNT) regulates metabolism in mice. PLoS ONE, 2017, 12, e0186543.	1.1	4

#	ARTICLE	IF	CITATIONS
37	Bone Mineral Density in Postmenopausal Women Heterozygous for the C282Y HFE Mutation. <i>Journal of Osteoporosis</i> , 2016, 2016, 1-6.	0.1	2
38	Hypoxia reduces ER-to-Golgi protein trafficking and increases cell death by inhibiting the adaptive unfolded protein response in mouse beta cells. <i>Diabetologia</i> , 2016, 59, 1492-1502.	2.9	58
39	Changes in beta cell function occur in prediabetes and early disease in the Lepr db mouse model of diabetes. <i>Diabetologia</i> , 2016, 59, 1222-1230.	2.9	31
40	Fluconazole in the treatment of Cushing's disease. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2016, 2016, 150115.	0.2	4
41	Triple therapy in type 2 diabetes; a systematic review and network meta-analysis. <i>PeerJ</i> , 2015, 3, e1461.	0.9	37
42	Hepatocyte- Specific Deletion of ARNT (Aryl Hydrocarbon Receptor Nuclear Translocator) Results in Altered Fibrotic Gene Expression in the Thioacetamide Model of Liver Injury. <i>PLoS ONE</i> , 2015, 10, e0121650.	1.1	8
43	Assessment of cardiovascular risk in diabetes: Risk scores and provocative testing. <i>World Journal of Diabetes</i> , 2015, 6, 634.	1.3	16
44	Higher ferritin levels, but not serum iron or transferrin saturation, are associated with Type 2 diabetes mellitus in adult men and women free of genetic haemochromatosis. <i>Clinical Endocrinology</i> , 2015, 82, 525-532.	1.2	43
45	Subcutaneous fat transplantation alleviates diet-induced glucose intolerance and inflammation in mice. <i>Diabetologia</i> , 2015, 58, 1587-1600.	2.9	68
46	Bone muscle interactions and vitamin D. <i>Bone</i> , 2015, 80, 89-94.	1.4	59
47	Vitamin D Receptor Ablation and Vitamin D Deficiency Result in Reduced Grip Strength, Altered Muscle Fibers, and Increased Myostatin in Mice. <i>Calcified Tissue International</i> , 2015, 97, 602-610.	1.5	110
48	Deletion of ARNT (Aryl Hydrocarbon Receptor Nuclear Translocator) in β^2 -Cells Causes Islet Transplant Failure with Impaired β^2 -Cell Function. <i>PLoS ONE</i> , 2014, 9, e98435.	1.1	8
49	A new blood glucose management algorithm for type 2 diabetes: a position statement of the Australian Diabetes Society. <i>Medical Journal of Australia</i> , 2014, 201, 650-653.	0.8	46
50	Reduction of ARNT in myeloid cells causes immune suppression and delayed wound healing. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C349-C357.	2.1	17
51	A Computational Proof of Concept of a Machine-Intelligent Artificial Pancreas Using Lyapunov Stability and Differential Game Theory. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 791-806.	1.3	4
52	The Vitamin D Receptor (VDR) Is Expressed in Skeletal Muscle of Male Mice and Modulates 25-Hydroxyvitamin D (25OHD) Uptake in Myofibers. <i>Endocrinology</i> , 2014, 155, 3227-3237.	1.4	165
53	Vitamin D Signaling Regulates Proliferation, Differentiation, and Myotube Size in C2C12 Skeletal Muscle Cells. <i>Endocrinology</i> , 2014, 155, 347-357.	1.4	176
54	Vitamin D Supplementation and the Effects on Glucose Metabolism During Pregnancy: A Randomized Controlled Trial. <i>Diabetes Care</i> , 2014, 37, 1837-1844.	4.3	92

#	ARTICLE	IF	CITATIONS
55	Effects of vitamin D in skeletal muscle: falls, strength, athletic performance and insulin sensitivity. <i>Clinical Endocrinology</i> , 2014, 80, 169-181.	1.2	96
56	Vitamin D Receptor-Mediated Stromal Reprogramming Suppresses Pancreatitis and Enhances Pancreatic Cancer Therapy. <i>Cell</i> , 2014, 159, 80-93.	13.5	871
57	The Roles of Vitamin D in Skeletal Muscle: Form, Function, and Metabolism. <i>Endocrine Reviews</i> , 2013, 34, 33-83.	8.9	417
58	A Vitamin D Receptor/SMAD Genomic Circuit Gates Hepatic Fibrotic Response. <i>Cell</i> , 2013, 153, 601-613.	13.5	513
59	Hypoxia-Inducible Factor-1 α (HIF-1 α) Potentiates β -Cell Survival after Islet Transplantation of Human and Mouse Islets. <i>Cell Transplantation</i> , 2013, 22, 253-266.	1.2	61
60	Beta-Cell ARNT Is Required for Normal Glucose Tolerance in Murine Pregnancy. <i>PLoS ONE</i> , 2013, 8, e77419.	1.1	12
61	Human Islets Express a Marked Proinflammatory Molecular Signature Prior to Transplantation. <i>Cell Transplantation</i> , 2012, 21, 2063-2078.	1.2	85
62	Novel links between HIFs, type 2 diabetes, and metabolic syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 372-380.	3.1	64
63	Mice Deficient in GEM GTPase Show Abnormal Glucose Homeostasis Due to Defects in Beta-Cell Calcium Handling. <i>PLoS ONE</i> , 2012, 7, e39462.	1.1	14
64	High Passage MIN6 Cells Have Impaired Insulin Secretion with Impaired Glucose and Lipid Oxidation. <i>PLoS ONE</i> , 2012, 7, e40868.	1.1	54
65	Serum 25-hydroxyvitamin D and glycated haemoglobin levels in women with gestational diabetes mellitus. <i>Medical Journal of Australia</i> , 2011, 194, 334-337.	0.8	83
66	Islet Transplantation: Factors in Short-Term Islet Survival. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2011, 59, 421-429.	1.0	34
67	Altered Insulin Receptor Signalling and β -Cell Cycle Dynamics in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2011, 6, e28050.	1.1	76
68	Hypoxia-inducible factor-1 α regulates β cell function in mouse and human islets. <i>Journal of Clinical Investigation</i> , 2010, 120, 2171-2183.	3.9	191
69	Position statement of the Australian Diabetes Society: individualisation of glycated haemoglobin targets for adults with diabetes mellitus. <i>Medical Journal of Australia</i> , 2009, 191, 339-344.	0.8	58
70	Ablation of ARNT/HIF1 α in Liver Alters Gluconeogenesis, Lipogenic Gene Expression, and Serum Ketones. <i>Cell Metabolism</i> , 2009, 9, 428-439.	7.2	76
71	Fructose-1,6-Bisphosphatase Overexpression in Pancreatic β -Cells Results in Reduced Insulin Secretion. <i>Diabetes</i> , 2008, 57, 1887-1895.	0.3	52
72	Clinical islet transplantation in type 1 diabetes mellitus: results of Australia's first trial. <i>Medical Journal of Australia</i> , 2006, 184, 221-225.	0.8	69

#	ARTICLE	IF	CITATIONS
73	Chromium Supplementation Does Not Improve Glucose Tolerance, Insulin Sensitivity, or Lipid Profile: A randomized, placebo-controlled, double-blind trial of supplementation in subjects with impaired glucose tolerance. <i>Diabetes Care</i> , 2005, 28, 712-713.	4.3	85
74	Loss of ARNT/HIF1 ¹² Mediates Altered Gene Expression and Pancreatic-Islet Dysfunction in Human Type 2 Diabetes. <i>Cell</i> , 2005, 122, 337-349.	13.5	460
75	Metformin Rapidly Increases Insulin Receptor Activation in Human Liver and Signals Preferentially through Insulin-Receptor Substrate-2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1323-1332.	1.8	177
76	Neonatal thyroid-stimulating hormone concentrations in northern Sydney: further indications of mild iodine deficiency?. <i>Medical Journal of Australia</i> , 2002, 176, 317-320.	0.8	59
77	Outcome of pregnancy complicated by pre-gestational diabetes - improvement in outcomes. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2002, 42, 478-481.	0.4	15
78	Serum chromium does not predict glucose tolerance in late pregnancy. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 99-104.	2.2	40
79	Effects of ethnicity on glucose tolerance, insulin resistance and beta cell function in 223 women with an abnormal glucose challenge test during pregnancy. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2001, 41, 182-186.	0.4	38
80	Iodine deficiency in ambulatory participants at a Sydney teaching hospital: is Australia truly iodine replete?. <i>Medical Journal of Australia</i> , 1999, 171, 467-470.	0.8	73