Ponnusamy Saravanan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6972644/publications.pdf

Version: 2024-02-01

123 papers 8,963 citations

34 h-index 51608 86 g-index

124 all docs

 $\begin{array}{c} 124 \\ \\ \text{docs citations} \end{array}$

times ranked

124

9686 citing authors

#	Article	IF	Citations
1	An integrative epi-transcriptomic approach identifies the human cartilage chitinase 3-like protein 2 (<i>CHI3L2)</i> as a potential mediator of B12 deficiency in adipocytes. Epigenetics, 2022, 17, 1219-1233.	2.7	O
2	Sulfated Progesterone Metabolites That Enhance Insulin Secretion via TRPM3 Are Reduced in Serum From Women With Gestational Diabetes Mellitus. Diabetes, 2022, 71, 837-852.	0.6	3
3	Informing and Empowering Patients and Clinicians to Make Evidence-Supported Outcome-Based Decisions in Relation to SGLT2 Inhibitor Therapies: The Use of the Novel Years of Drug administration (YoDa) Concept. Clinical Drug Investigation, 2022, 42, 113-125.	2.2	2
4	Machine learning prediction of non-attendance to postpartum glucose screening and subsequent risk of type 2 diabetes following gestational diabetes. PLoS ONE, 2022, 17, e0264648.	2.5	7
5	New global WHO postnatal guidance is welcome but misses the long-term perspective. Lancet, The, 2022, , .	13.7	1
6	Altered levels of neurobiological biomarkers at the interface of depression and gestational diabetes mellitus in Asian Indian women. Neuropeptides, 2022, 93, 102245.	2.2	1
7	FC 124: Real-World Use of Once-Weekly Semaglutide by Baseline Estimated Glomerular Filtration Rate—A Post-Hoc Analysis of Pooled Data From the Sure Studies (Canada, Denmark/Sweden,) Tj ETQq1 1 0.784	43 b4 7rgBT	/Owerlock 10
8	Cord Blood Adipocytokines and Body Composition in Early Childhood: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 1897.	2.6	40
9	Intracellular and Tissue Levels of Vitamin B12 in Hepatocytes Are Modulated by CD320 Receptor and TCN2 Transporter. International Journal of Molecular Sciences, 2021, 22, 3089.	4.1	9
10	Impact of maternal HbA1c on offspring glucose at $4\hat{a}\in$ 7Âyears of age: role of childhood adiposity and other potential confounders. Diabetologia, 2021, 64, 1447-1448.	6.3	1
11	Risk of Dysglycemia in Pregnancy amongst Kenyan Women with HIV Infection: A Nested Case-Control Analysis from the STRiDE Study. Journal of Diabetes Research, 2021, 2021, 1-11.	2.3	1
12	COVID-19 in People With Schizophrenia: Potential Mechanisms Linking Schizophrenia to Poor Prognosis. Frontiers in Psychiatry, 2021, 12, 666067.	2.6	22
13	Vitamin B12 Induces Hepatic Fatty Infiltration through Altered Fatty Acid Metabolism. Cellular Physiology and Biochemistry, 2021, 55, 241-255.	1.6	6
14	Association of maternal vitamin B12 and folate levels in early pregnancy with gestational diabetes: a prospective UK cohort study (PRiDE study). Diabetologia, 2021, 64, 2170-2182.	6.3	42
15	Experiences of using a digital type 2 diabetes prevention application designed to support women with previous gestational diabetes. BMC Health Services Research, 2021, 21, 772.	2.2	13
16	Prevalence and Indicators of Vitamin B12 Insufficiency among Young Women of Childbearing Age. International Journal of Environmental Research and Public Health, 2021, 18, 1.	2.6	435
17	Frequency rhythmic electrical modulation system (FREMS) to alleviate painful diabetic peripheral neuropathy: a pilot, randomised controlled trial (The FREMSTOP study). Diabetic Medicine, 2021, , e14710.	2.3	5
18	Association between number of abnormal glucose values and severity of fasting plasma glucose in IADPSG criteria and maternal outcomes in women with gestational diabetes mellitus. Acta Diabetologica, 2021, , 1.	2.5	5

#	Article	IF	CITATIONS
19	Global burden of early pregnancy gestational diabetes mellitus (eGDM): A systematic review. Acta Diabetologica, 2021, , 1.	2.5	6
20	Dapagliflozin: the outcome of it use as add-on therapy in real-life clinical setting. JPMA the Journal of the Pakistan Medical Association, 2021, 71, 2214-2217.	0.2	O
21	Unmet needs of women with GDM: a health needs assessment in Sandwell, West Midlands. Journal of Public Health, 2020, 42, e516-e524.	1.8	7
22	Gestational diabetes: opportunities for improving maternal and child health. Lancet Diabetes and Endocrinology,the, 2020, 8, 793-800.	11.4	204
23	Low Serum Vitamin B12 Levels Are Associated with Adverse Lipid Profiles in Apparently Healthy Young Saudi Women. Nutrients, 2020, 12, 2395.	4.1	13
24	MON-598 Vitamin B12 Deficiency Leads to Fatty Acid Metabolism Dysregulation and Increased Pro-Inflammatory Cytokine Production in Human Adipocytes and Maternal Subcutaneous and Omental Adipose Tissue. Journal of the Endocrine Society, 2020, 4, .	0.2	0
25	Vitamin B12 deficiency and altered one-carbon metabolites in early pregnancy is associated with maternal obesity and dyslipidaemia. Scientific Reports, 2020, 10, 11066.	3.3	16
26	Low Vitamin B12 and Lipid Metabolism: Evidence from Pre-Clinical and Clinical Studies. Nutrients, 2020, 12, 1925.	4.1	42
27	ENDOCRINOLOGY IN THE TIME OF COVID-19: Diagnosis and management of gestational diabetes mellitus. European Journal of Endocrinology, 2020, 183, G49-G56.	3.7	39
28	1374-P: Association between Number of Abnormal Glucose Values and Severity of Fasting Plasma Glucose in IADPSG Criteria and Pregnancy Outcomes in Pregnant Women in South India. Diabetes, 2020, 69, .	0.6	0
29	Seminal but not Serum Levels of Holotranscobalamin are Altered in Morbid Obesity and Correlate with Semen Quality: A Pilot Single Centre Study. Nutrients, 2019, 11, 1540.	4.1	3
30	Increased risk of non-alcoholic fatty liver disease in women with gestational diabetes mellitus: A population-based cohort study, systematic review and meta-analysis. Journal of Diabetes and Its Complications, 2019, 33, 107401.	2.3	22
31	Investigating vitamin B12 deficiency. BMJ: British Medical Journal, 2019, 365, l1865.	2.3	29
32	1,5 Anhydroglucitol in gestational diabetes mellitus. Journal of Diabetes and Its Complications, 2019, 33, 231-235.	2.3	9
33	Predictors of metformin failure in gestational diabetes mellitus (GDM). Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 405-410.	3 . 6	13
34	Efficacy and Safety of Rapid-Acting Insulin Analogs in Special Populations with Type 1 Diabetes or Gestational Diabetes: Systematic Review and Meta-Analysis. Diabetes Therapy, 2018, 9, 891-917.	2.5	21
35	Baby Steps – a structured group education programme with accompanying mobile web application designed to promote physical activity in women with a history of gestational diabetes: study protocol for a randomised controlled trial. Trials, 2018, 19, 682.	1.6	11
36	Reduced GLP-1 Secretion at 30 Minutes After a 75-g Oral Glucose Load Is Observed in Gestational Diabetes Mellitus: A Prospective Cohort Study. Diabetes, 2018, 67, 2650-2656.	0.6	12

#	Article	IF	CITATIONS
37	Gestational dyslipidaemia and adverse birthweight outcomes: a systematic review and metaâ€analysis. Obesity Reviews, 2018, 19, 1256-1268.	6.5	63
38	Medicalising pregnancy with new diagnostic criteria for gestational diabetes mellitus: do we need more evidence?. Diabetologia, 2018, 61, 1886-1888.	6.3	4
39	Vitamin D Deficiency Prevalence and Predictors in Early Pregnancy among Arab Women. Nutrients, 2018, 10, 489.	4.1	33
40	An update on vitamin B12-related gene polymorphisms and B12 status. Genes and Nutrition, 2018, 13, 2.	2.5	49
41	Increased risk of ischemic heart disease, hypertension, and type 2 diabetes in women with previous gestational diabetes mellitus, a target group in general practice for preventive interventions: A population-based cohort study. PLoS Medicine, 2018, 15, e1002488.	8.4	199
42	Low Vitamin B12 Levels in Early Pregnancy Are Associated with Fasting Glycemia—A Prospective Cohort Study. Diabetes, 2018, 67, 171-LB.	0.6	2
43	Associations of Maternal Vitamin B12 Concentration in Pregnancy With the Risks of Preterm Birth and Low Birth Weight: A Systematic Review and Meta-Analysis of Individual Participant Data. American Journal of Epidemiology, 2017, 185, 212-223.	3.4	108
44	All-cause mortality in patients with diabetes under glucagon-like peptide-1 agonists: A population-based, open cohort study. Diabetes and Metabolism, 2017, 43, 211-216.	2.9	26
45	Increased fetal adiposity prior to diagnosis of gestational diabetes in South Asians: more evidence for the †thin†fat†baby. Diabetologia, 2017, 60, 399-405.	6.3	43
46	Low Vitamin B12 in Pregnancy Is Associated With Adipose-Derived Circulating miRs Targeting PPARÎ ³ and Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4200-4209.	3.6	56
47	Hyperglycaemia in pregnancy: time to ask the hard questions?. Lancet Diabetes and Endocrinology,the, 2017, 5, 578-579.	11.4	4
48	Comorbidities, complications and mortality in people of South Asian ethnicity with type 1 diabetes compared with other ethnic groups: a systematic review. BMJ Open, 2017, 7, e015005.	1.9	9
49	Why do pregnant women participate in research? A patient participation investigation using Qâ€Methodology. Health Expectations, 2017, 20, 188-197.	2.6	22
50	Prevalence of gestational diabetes mellitus based on various screening strategies in western Kenya: a prospective comparison of point of care diagnostic methods. BMC Pregnancy and Childbirth, 2017, 17, 226.	2.4	27
51	Elevated glycated hemoglobin predicts macrosomia among Asian Indian pregnant women (WINGS-9). Indian Journal of Endocrinology and Metabolism, 2017, 21, 184.	0.4	9
52	Integrated Diabetes Care: Coventry and Warwickshire Approach., 2017,, 147-168.		0
53	Bloom's syndrome in an Indian man in the UK. BMJ Case Reports, 2016, 2016, bcr2015212297.	0.5	1
54	Association of Vitamin B12 with Pro-Inflammatory Cytokines and Biochemical Markers Related to Cardiometabolic Risk in Saudi Subjects. Nutrients, 2016, 8, 460.	4.1	45

#	Article	IF	CITATIONS
55	Vitamin B12 Status among Pregnant Women in the UK and Its Association with Obesity and Gestational Diabetes. Nutrients, 2016, 8, 768.	4.1	63
56	Prevalence of vitamin B-12 insufficiency during pregnancy and its effect on offspring birth weight: a systematic review and meta-analysis. American Journal of Clinical Nutrition, 2016, 103, 1232-1251.	4.7	86
57	Screening and diagnosis of gestational diabetes mellitus – relevance to low and middle income countries. Clinical Diabetes and Endocrinology, 2016, 2, 13.	2.7	43
58	Vitamin B ₁₂ status in women of childbearing age in the UK and its relationship with national nutrient intake guidelines: results from two National Diet and Nutrition Surveys. BMJ Open, 2016, 6, e011247.	1.9	31
59	Simultaneous detection of five one-carbon metabolites in plasma using stable isotope dilution liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1012-1013, 186-192.	2.3	6
60	Low Maternal Vitamin B12 Status Is Associated with Lower Cord Blood HDL Cholesterol in White Caucasians Living in the UK. Nutrients, 2015, 7, 2401-2414.	4.1	36
61	Postnatal testing following gestational diabetes – Authors' reply. Lancet Diabetes and Endocrinology,the, 2015, 3, 762.	11.4	1
62	Effectiveness and safety of fixed dose combination of acarbose/metformin in Indian Type 2 diabetes patients: Results from observational GLOBE Study. Indian Journal of Endocrinology and Metabolism, 2015, 19, 129.	0.4	10
63	Postnatal testing following gestational diabetes: time to replace the oral glucose tolerance test?. Lancet Diabetes and Endocrinology,the, 2015, 3, 754-756.	11.4	24
64	Vitamin B12 insufficiency induces cholesterol biosynthesis by limiting s-adenosylmethionine and modulating the methylation of SREBF1 and LDLR genes. Clinical Epigenetics, 2015, 7, 14.	4.1	87
65	Lixisenatide in Patients with Type 2 Diabetes and Acute Coronary Syndrome. New England Journal of Medicine, 2015, 373, 2247-2257.	27.0	1,856
66	Alphabet Strategy for diabetes care: A multi-professional, evidence-based, outcome-directed approach to management. World Journal of Diabetes, 2015, 6, 874.	3.5	11
67	Quality of diabetes care worldwide and feasibility of implementation of the Alphabet Strategy: GAIA project (Global Alphabet Strategy Implementation Audit). BMC Health Services Research, 2014, 14, 467.	2.2	8
68	Vitamin B12 deficiency is associated with adverse lipid profile in Europeans and Indians with type 2 diabetes. Cardiovascular Diabetology, 2014, 13, 129.	6.8	67
69	Follow-up of Blood-Pressure Lowering and Glucose Control in Type 2 Diabetes. New England Journal of Medicine, 2014, 371, 1392-1406.	27.0	520
70	The identification of irisin in human cerebrospinal fluid: influence of adiposity, metabolic markers, and gestational diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E512-E518.	3.5	125
71	The role of the oneâ€carbon cycle in the developmental origins of TypeÂ2 diabetes and obesity. Diabetic Medicine, 2014, 31, 263-272.	2.3	76
72	Evaluation of the Clinical and Cost Effectiveness of Intermediate Care Clinics for Diabetes (ICCD): A Multicentre Cluster Randomised Controlled Trial. PLoS ONE, 2014, 9, e93964.	2.5	21

#	Article	lF	Citations
7 3	Alogliptin after Acute Coronary Syndrome in Patients with Type 2 Diabetes. New England Journal of Medicine, 2013, 369, 1327-1335.	27.0	2,261
74	Effects of physical activity on the development and progression of microvascular complications in type 1 diabetes: retrospective analysis of the DCCT study. BMC Endocrine Disorders, 2013, 13, 37.	2.2	35
7 5	$NF\hat{l}^{\circ}B$ as a potent regulator of inflammation in human adipose tissue, influenced by depot, adiposity, T2DM status, and TNF \hat{l} ±. Obesity, 2013, 21, 2322-2330.	3.0	39
76	Altered mitochondrial dynamics in obesity: redressing the balance through bariatric surgery?. Endocrine Abstracts, 2013, , 1-1.	0.0	0
77	Maternal B12 insufficiency predicts neonate's metabolic risk factors. Endocrine Abstracts, 2013, , 1-1.	0.0	O
78	High Fat Intake Leads to Acute Postprandial Exposure to Circulating Endotoxin in Type 2 Diabetic Subjects. Diabetes Care, 2012, 35, 375-382.	8.6	187
79	Sequential Intensification of Metformin Treatment in Type 2 Diabetes With Liraglutide Followed by Randomized Addition of Basal Insulin Prompted by A1C Targets. Diabetes Care, 2012, 35, 1446-1454.	8.6	145
80	A cluster randomized controlled trial of the effectiveness and cost-effectiveness of Intermediate Care Clinics for Diabetes (ICCD): study protocol for a randomized controlled trial. Trials, 2012, 13, 164.	1.6	8
81	GLP-1 analogue, Liraglutide protects human umbilical vein endothelial cells against high glucose induced endoplasmic reticulum stress. Regulatory Peptides, 2012, 174, 46-52.	1.9	70
82	Self-Reported Disability in Adults with Severe Obesity. Journal of Obesity, 2011, 2011, 1-10.	2.7	9
83	Is a low blood level of vitamin B12 a cardiovascular and diabetes risk factor? A systematic review of cohort studies. European Journal of Nutrition, 2011, 50, 97-106.	3.9	37
84	Insulin Receptor Modifiers., 2011,, 612.		0
85	Self-Reported Psychosocial Health in Obese Patients before and after Weight Loss. Journal of Obesity, 2010, 2010, 1-6.	2.7	8
86	Role of maternal vitamin B12 on the metabolic health of the offspring: a contributor to the diabetes epidemic?. British Journal of Diabetes and Vascular Disease, 2010, 10, 109-114.	0.6	26
87	Common Variation in the DIO2 Gene Predicts Baseline Psychological Well-Being and Response to Combination Thyroxine Plus Triiodothyronine Therapy in Hypothyroid Patients. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1623-1629.	3.6	287
88	Retinal fundus image constrast normalization using mixture of Gaussians. , 2008, , .		5
89	Robust Detection of Microaneurysms for Sight Threatening Retinopathy Screening. , 2008, , .		18
90	A Common Variation in Deiodinase 1 Gene DIO1 Is Associated with the Relative Levels of Free Thyroxine and Triiodothyronine. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3075-3081.	3.6	133

#	Article	IF	CITATIONS
91	Twenty-four Hour Hormone Profiles of TSH, Free T3 and Free T4 in Hypothyroid Patients on Combined T3/T4 Therapy. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 261-267.	1.2	86
92	Psychological Well-Being Correlates with Free Thyroxine But Not Free 3,5,3′-Triiodothyronine Levels in Patients on Thyroid Hormone Replacement. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3389-3393.	3.6	78
93	Partial Substitution of Thyroxine (T4) with Tri-lodothyronine in Patients on T4Replacement Therapy: Results of a Large Community-Based Randomized Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 805-812.	3.6	119
94	Whose normal thyroid function is betterâ€"yours or mine?. Lancet, The, 2002, 360, 353-354.	13.7	47
95	Thyroid-stimulating-hormone concentrations and risk of hypothyroidism. Lancet, The, 2002, 360, 2082.	13.7	0
96	Psychological wellâ€being in patients on â€~adequate' doses of <scp>l</scp> â€thyroxine: results of a large, controlled communityâ€based questionnaire study. Clinical Endocrinology, 2002, 57, 577-585.	2.4	430
97	THYROID AUTOANTIBODIES. Endocrinology and Metabolism Clinics of North America, 2001, 30, 315-337.	3.2	113
98	Longer duration of sitting down in pregnancy is associated with gestational diabetes, greater weight gain and depressive symptoms. Endocrine Abstracts, 0, , .	0.0	3
99	Vitamin B12 deficiency triggers adipocyte dysfunction by enhancing triglyceride biosynthesis and pro-inflammatory cytokine production: a new agonist in metabolic disease?. Endocrine Abstracts, 0, , .	0.0	1
100	Vitamin B12 deficiency leads to fatty acid metabolism dysregulation and increased pro-inflammatory cytokine production in human adipocytes and in maternal subcutaneous and omental adipose tissue. Endocrine Abstracts, 0 , , .	0.0	1
101	Vitamin B12 and folate imbalance induces cholesterol synthesis and endoplasmic reticulum stress in human adipocytes. Endocrine Abstracts, 0 , , 1 - 1 .	0.0	0
102	Diabetes: the forgotten complication of parathyroidectomy. Endocrine Abstracts, 0, , .	0.0	0
103	Unfolded protein response in adipose tissue of obese diabetic women significantly improved 6 months post bariatric surgery, irrespective of malabsorptive or bypass operation type and correlates with plasma glucose concentration. Endocrine Abstracts, 0, , .	0.0	O
104	Diabetes in pregnancy and birth weight: differential effects due to ethnicity in a real-life observational study. Endocrine Abstracts, 0, , .	0.0	0
105	Elevated cord leptin from low B12 mothers predicts birth weight. Endocrine Abstracts, 0, , .	0.0	0
106	'Thin-fat' phenotype in early foetal life in GDM pregnancies - novel evidence from an Indian Cohort. Endocrine Abstracts, 0, , .	0.0	0
107	Evidence of foetal growth restriction in South-Asian foetuses of GDM mothers?. Endocrine Abstracts, 0, , .	0.0	0
108	Regulation of adipogenesis by wnt 10b signalling in cultured human adipocytes taken from an obese patient with a WNT 10B-C256Y mutation. Endocrine Abstracts, 0 , , .	0.0	0

#	Article	IF	CITATIONS
109	Vitamin B12 deficiency alters adipogenesis and associated microRNA's in human adipocytes. Endocrine Abstracts, 0 , , .	0.0	0
110	The role of vitamin B12 deficiency in molecular mechanism of metformin. Endocrine Abstracts, 0, , .	0.0	0
111	Low vitamin B12 in pregnancy is associated with maternal obesity and gestational diabetes. Endocrine Abstracts, 0 , , .	0.0	0
112	Low maternal B12 associates with higher leptin in maternal adipose tissue, placental tissue and cord blood. Endocrine Abstracts, 0 , , .	0.0	0
113	Effect of vitamin B12 deficiency on the lipid lowering effect of metformin in the liver. Endocrine Abstracts, 0 , , .	0.0	0
114	Low vitamin B12 in pregnancy is associated with adipose derived circulating miRNAs targeting PPAR[gamma] and insulin resistance. Endocrine Abstracts, 0 , , .	0.0	0
115	Low vitamin B12 induces de novo lipogenesis in human hepatocytes. Endocrine Abstracts, 0, , .	0.0	0
116	B12 Receptors and transporters regulate the uptake and storage of vitamin B12 in hepatocytes. Endocrine Abstracts, 0 , , .	0.0	0
117	Increased pro-inflammatory cytokine production in vitamin B12 deficient adipocytes. Endocrine Abstracts, 0 , , .	0.0	4
118	Metformin treatment fails to restore fatty acid oxidation in low vitamin B12 hepatocytes. Endocrine Abstracts, $0, , .$	0.0	0
119	Vitamin B12 deficiency leads to adipocyte dysfunction by enhancing triglyceride biosynthesis and impairing fatty-acid oxidation: a new protagonist in metabolic disease?. Endocrine Abstracts, 0, , .	0.0	0
120	Low B12 is associated with increased de novo synthesis of 'unsafe' fatty acids in the liver. Endocrine Abstracts, 0 , , .	0.0	0
121	Investigating the impact of altered maternal extracellular vesicle miRNAs on placental function in women with gestational diabetes complicated by large for gestational age infants. Endocrine Abstracts, 0, , .	0.0	O
122	miR-1-3p and miR-133-3p are altered in maternal serum EVs and placenta in pregnancies complicated by gestational diabetes with large-for-gestational age babies. Endocrine Abstracts, 0 , , .	0.0	1
123	Obesity in Different Ethnic Groups. , 0, , 299-315.		0