

Ioannis Kyrrou

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,518
citations

201674
27
h-index

233421
45
g-index

71
all docs

71
docs citations

71
times ranked

3379
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress hormones: physiological stress and regulation of metabolism. <i>Current Opinion in Pharmacology</i> , 2009, 9, 787-793.	3.5	288
2	Type 2 diabetes mellitus in older adults: clinical considerations and management. <i>Nature Reviews Endocrinology</i> , 2021, 17, 534-548.	9.6	186
3	Empagliflozin Attenuates Non-Alcoholic Fatty Liver Disease (NAFLD) in High Fat Diet Fed ApoE(-/-) Mice by Activating Autophagy and Reducing ER Stress and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 818.	4.1	147
4	Sociodemographic and lifestyle-related risk factors for identifying vulnerable groups for type 2 diabetes: a narrative review with emphasis on data from Europe. <i>BMC Endocrine Disorders</i> , 2020, 20, 134.	2.2	111
5	Neuropilin-1 as a new potential SARS-CoV-2 infection mediator implicated in the neurologic features and central nervous system involvement of COVID-19. <i>Molecular Medicine Reports</i> , 2020, 22, 4221-4226.	2.4	102
6	Short-Chain Fatty Acid Acetate Stimulates Adipogenesis and Mitochondrial Biogenesis via GPR43 in Brown Adipocytes. <i>Endocrinology</i> , 2016, 157, 1881-1894.	2.8	91
7	Polycystic ovary syndrome (PCOS) and COVID-19: an overlooked female patient population at potentially higher risk during the COVID-19 pandemic. <i>BMC Medicine</i> , 2020, 18, 220.	5.5	78
8	Exercise, or exercise and diet for the management of polycystic ovary syndrome: a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2019, 8, 51.	5.3	72
9	Not only ACE2—the quest for additional host cell mediators of SARS-CoV-2 infection: Neuropilin-1 (NRP1) as a novel SARS-CoV-2 host cell entry mediator implicated in COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 21.	17.1	68
10	Mechanisms of Insulin Resistance at the Crossroad of Obesity with Associated Metabolic Abnormalities and Cognitive Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 546.	4.1	62
11	The prevalence of obstructive sleep apnoea in women with polycystic ovary syndrome: a systematic review and meta-analysis. <i>Sleep and Breathing</i> , 2020, 24, 339-350.	1.7	55
12	SGLT-2 Inhibitors in NAFLD: Expanding Their Role beyond Diabetes and Cardioprotection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3107.	4.1	49
13	Association of depression and anxiety status with 10-year cardiovascular disease incidence among apparently healthy Greek adults: The ATTICA Study. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 145-152.	1.8	47
14	Obstructive sleep apnoea and polycystic ovary syndrome: A comprehensive review of clinical interactions and underlying pathophysiology. <i>Clinical Endocrinology</i> , 2017, 87, 313-319.	2.4	46
15	Plasma irisin is elevated in type 2 diabetes and is associated with increased E-selectin levels. <i>Cardiovascular Diabetology</i> , 2017, 16, 147.	6.8	46
16	Regulatory microRNAs in Brown, Brite and White Adipose Tissue. <i>Cells</i> , 2020, 9, 2489.	4.1	46
17	Obesity in the Elderly Diabetic Patient. <i>Diabetes Care</i> , 2009, 32, S403-S409.	8.6	45
18	Saffron (<i>Crocus sativus</i> L.) in Ocular Diseases: A Narrative Review of the Existing Evidence from Clinical Studies. <i>Nutrients</i> , 2019, 11, 649.	4.1	42

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19	Endoplasmic Reticulum Stress and Autophagy in the Pathogenesis of Non-alcoholic Fatty Liver Disease (NAFLD): Current Evidence and Perspectives. <i>Current Obesity Reports</i> , 2021, 10, 134-161.	8.4	40
20	Hyperbaric oxygen therapy for the treatment of long COVID: early evaluation of a highly promising intervention. <i>Clinical Medicine</i> , 2021, 21, e629-e632.	1.9	40
21	Differential expression of Lp-PLA2 in obesity and type 2 diabetes and the influence of lipids. <i>Diabetologia</i> , 2018, 61, 1155-1166.	6.3	38
22	Lipid accumulation product in relation to 10-year cardiovascular disease incidence in Caucasian adults: The ATTICA study. <i>Atherosclerosis</i> , 2018, 279, 10-16.	0.8	38
23	Dietary Influences on the Microbiotaâ€“Gutâ€“Brain Axis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3502.	4.1	37
24	Panâ€“cancer analysis of transmembrane protease serine 2 and cathepsin L that mediate cellular SARSâ€“CoVâ€“2 infection leading to COVID-19. <i>International Journal of Oncology</i> , 2020, 57, 533-539.	3.3	37
25	Coâ€“expression of peripheral olfactory receptors with SARSâ€“CoVâ€“2 infection mediators: Potential implications beyond loss of smell as a COVIDâ€“19 symptom. <i>International Journal of Molecular Medicine</i> , 2020, 46, 949-956.	4.0	34
26	PCOS remains a diagnosis of exclusion: a concise review of key endocrinopathies to exclude. <i>Clinical Endocrinology</i> , 2017, 86, 1-6.	2.4	31
27	Familial Hypercholesterolemia: New Horizons for Diagnosis and Effective Management. <i>Frontiers in Pharmacology</i> , 2018, 9, 707.	3.5	31
28	Non-Alcoholic Fatty Liver Disease (NAFLD) and Potential Links to Depression, Anxiety, and Chronic Stress. <i>Biomedicines</i> , 2021, 9, 1697.	3.2	30
29	Variation in Gas and Volatile Compound Emissions from Human Urine as It Ages, Measured by an Electronic Nose. <i>Biosensors</i> , 2016, 6, 4.	4.7	29
30	The association between obstructive sleep apnea and metabolic abnormalities in women with polycystic ovary syndrome: a systematic review and meta-analysis. <i>Sleep</i> , 2018, 41, .	1.1	26
31	Olive oil consumption and 10-year (2002â€“2012) cardiovascular disease incidence: the ATTICA study. <i>European Journal of Nutrition</i> , 2019, 58, 131-138.	3.9	24
32	Impact of gut hormone FGF-19 on type-2 diabetes and mitochondrial recovery in a prospective study of obese diabetic women undergoing bariatric surgery. <i>BMC Medicine</i> , 2017, 15, 34.	5.5	23
33	COVIDâ€“19 and SARSâ€“CoVâ€“2 host cell entry mediators: Expression profiling of TMRSS4 in health and disease. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	4.0	23
34	Endoplasmic reticulum stress in nonalcoholic (metabolic associated) fatty liver disease (NAFLD/MAFLD). <i>Journal of Cellular Biochemistry</i> , 2022, 123, 1585-1606.	2.6	23
35	Visceral adiposity index outperforms common anthropometric indices in predicting 10â€“year diabetes risk: Results from the ATTICA study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3161.	4.0	22
36	Asprosin, a novel pleiotropic adipokine implicated in fasting and obesity-related cardio-metabolic disease: Comprehensive review of preclinical and clinical evidence. <i>Cytokine and Growth Factor Reviews</i> , 2021, 60, 120-132.	7.2	22

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37	Effects of supplemented isoenergetic diets varying in cereal fiber and protein content on the bile acid metabolic signature and relation to insulin resistance. <i>Nutrition and Diabetes</i> , 2018, 8, 11.	3.2	21
38	An improved machine learning pipeline for urinary volatiles disease detection: Diagnosing diabetes. <i>PLoS ONE</i> , 2018, 13, e0204425.	2.5	21
39	Effects of a hops (<i>Humulus lupulus</i> L.) dry extract supplement on self-reported depression, anxiety and stress levels in apparently healthy young adults: a randomized, placebo-controlled, double-blind, crossover pilot study. <i>Hormones</i> , 2017, 16, 171-180.	1.9	20
40	Involvement of the Endocrine-Disrupting Chemical Bisphenol A (BPA) in Human Placentation. <i>Journal of Clinical Medicine</i> , 2020, 9, 405.	2.4	20
41	Cardiovascular Biomarkers: Lessons of the Past and Prospects for the Future. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5680.	4.1	20
42	Modification of fecal microbiota as a mediator of effective weight loss and metabolic benefits following bariatric surgery. <i>Expert Review of Endocrinology and Metabolism</i> , 2020, 15, 363-373.	2.4	19
43	Adiponectin circulating levels and 10-year (2002–2012) cardiovascular disease incidence: the ATTICA Study. <i>Endocrine</i> , 2017, 58, 542-552.	2.3	17
44	Mechanisms of Central Hypogonadism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8217.	4.1	17
45	Is There a Link between Bisphenol A (BPA), a Key Endocrine Disruptor, and the Risk for SARS-CoV-2 Infection and Severe COVID-19?. <i>Journal of Clinical Medicine</i> , 2020, 9, 3296.	2.4	16
46	Weight Management in Overweight and Obese Patients with Type 2 Diabetes Mellitus. <i>British Journal of Diabetes and Vascular Disease</i> , 2010, 10, 274-283.	0.6	15
47	Functional cardiac orexin receptors: role of orexin-B/orexin 2 receptor in myocardial protection. <i>Clinical Science</i> , 2018, 132, 2547-2564.	4.3	15
48	A pancancer overview of FBN1, asprosin and its cognate receptor OR4M1 with detailed expression profiling in ovarian cancer. <i>Oncology Letters</i> , 2021, 22, 650.	1.8	15
49	Fibroblast growth factors: new insights, new targets in the management of diabetes. <i>Minerva Endocrinology</i> , 2017, 42, 248-270.	1.1	14
50	Host cell entry mediators implicated in the cellular tropism of SARS-CoV-2, the pathophysiology of COVID-19 and the identification of microRNAs that can modulate the expression of these mediators (Review). <i>International Journal of Molecular Medicine</i> , 2021, 49, .	4.0	14
51	Changes in Physical Activity and Sedentary Behaviour Due to Enforced COVID-19-Related Lockdown and Movement Restrictions: A Protocol for a Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5251.	2.6	13
52	Uncertainty, Anxiety and Isolation: Experiencing the COVID-19 Pandemic and Lockdown as a Woman with Polycystic Ovary Syndrome (PCOS). <i>Journal of Personalized Medicine</i> , 2021, 11, 952.	2.5	12
53	The association between overweight/obesity and double diabetes in adults with type 1 diabetes; a cross-sectional study. <i>BMC Endocrine Disorders</i> , 2021, 21, 187.	2.2	11
54	The effect of online and in-person team-based learning (TBL) on undergraduate endocrinology teaching during COVID-19 pandemic. <i>BMC Medical Education</i> , 2022, 22, 120.	2.4	11

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55	Improved Thyroid Hypoechogenicity Following Bariatric-Induced Weight Loss in Euthyroid Adults With Severe Obesity—a Pilot Study. <i>Frontiers in Endocrinology</i> , 2018, 9, 488.	3.5	10
56	Discovery, validation and sequencing of urinary peptides for diagnosis of liver fibrosis—a multicentre study. <i>EBioMedicine</i> , 2020, 62, 103083.	6.1	10
57	Involvement of the glutamine RFamide peptide and its cognate receptor GPR103 in prostate cancer. <i>Oncology Reports</i> , 2018, 41, 1140-1150.	2.6	9
58	The relationship between obstructive sleep apnoea and quality of life in women with polycystic ovary syndrome: a cross-sectional study. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020, 11, 204201882090668.	3.2	9
59	Older age does not influence the success of weight loss through the implementation of lifestyle modification. <i>Clinical Endocrinology</i> , 2021, 94, 204-209.	2.4	9
60	Sleep Disruption and Depression, Stress and Anxiety Levels in Women With Polycystic Ovary Syndrome (PCOS) During the Lockdown Measures for COVID-19 in the UK. <i>Frontiers in Global Women S Health</i> , 2021, 2, 649104.	2.3	9
61	Impact of sodium-glucose co-transporter inhibitors on cardiac autonomic function and mortality: no time to die. <i>Europace</i> , 2022, 24, 1052-1057.	1.7	9
62	Impact of Environmentally Relevant Concentrations of Bisphenol A (BPA) on the Gene Expression Profile in an In Vitro Model of the Normal Human Ovary. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5334.	4.1	9
63	COVID-19 and diabetes: No time to drag our feet during an untimely pandemic. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107621.	2.3	5
64	Modeling anthropometric indices in relation to 10-year (2002–2012) incidence of cardiovascular disease, among apparently healthy individuals: The ATTICA study. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S789-S795.	3.6	4
65	NUCB2/Nesfatin-1 Reduces Obesogenic Diet Induced Inflammation in Mice Subcutaneous White Adipose Tissue. <i>Nutrients</i> , 2022, 14, 1409.	4.1	4
66	Protein expression of transmembrane protease serine 4 in the gastrointestinal tract and in healthy, cancer, and SARS-CoV-2 infected lungs. <i>Molecular Medicine Reports</i> , 2022, 25, .	2.4	3
67	SARS-CoV-2 infection despite vaccination: an under-reported COVID-19 cohort. <i>Clinical Medicine</i> , 2021, 21, e243.2-e243.	1.9	2
68	A Systematic Review to Assess the Impact of Hyperbaric Oxygen Therapy on Glycaemia in People with Diabetes Mellitus. <i>Medicina (Lithuania)</i> , 2021, 57, 1134.	2.0	2
69	Digitally enabled flash glucose monitoring for inpatients with COVID-19: Feasibility and pilot implementation in a teaching NHS Hospital in the UK. <i>Digital Health</i> , 2022, 8, 205520762110593.	1.8	2
70	Differential Expression of RAD51AP1 in Ovarian Cancer: Effects of siRNA In Vitro. <i>Journal of Personalized Medicine</i> , 2022, 12, 201.	2.5	1
71	Education and Training: Topol digital fellowship aspirants: Understanding the motivations, priorities and experiences of the next generation of digital health leaders. <i>Future Healthcare Journal</i> , 2022, 9, 51-56.	1.4	1