

Mastorakos George

List of Publications by Year in descending order

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96
papers

3,741
citations

220214

26
h-index

134055

59
g-index

97
all docs

97
docs citations

97
times ranked

4572
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic Insomnia Is Associated with Nyctohemeral Activation of the Hypothalamic-Pituitary-Adrenal Axis: Clinical Implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3787-3794.	3.7	705
2	Maternal and Fetal Hypothalamicâ€Pituitaryâ€Adrenal Axes During Pregnancy and Postpartum. <i>Annals of the New York Academy of Sciences</i> , 2003, 997, 136-149.	3.9	500
3	Functional Hypothalamic Amenorrhea: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1413-1439.	3.7	366
4	Sleep deprivation effects on the activity of the hypothalamicâ€pituitaryâ€adrenal and growth axes: potential clinical implications. <i>Clinical Endocrinology</i> , 1999, 51, 205-215.	2.5	203
5	Chronic Insomnia Is Associated with Nyctohemeral Activation of the Hypothalamic-Pituitary-Adrenal Axis: Clinical Implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3787-3794.	3.7	159
6	The Hypothalamicâ€Pituitaryâ€Thyroid Axis and the Female Reproductive System. <i>Annals of the New York Academy of Sciences</i> , 2000, 900, 65-76.	3.9	110
7	Effects of Anabolic Androgenic Steroids on the Reproductive System of Athletes and Recreational Users: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2017, 47, 1869-1883.	6.6	110
8	The Hypothalamic-Pituitary-Adrenal Axis in the Neuroendocrine Regulation of Food Intake and Obesity: The Role of Corticotropin Releasing Hormone. <i>Nutritional Neuroscience</i> , 2004, 7, 271-280.	3.2	106
9	Stress, female reproduction and pregnancy. <i>Psychoneuroendocrinology</i> , 2019, 100, 48-57.	2.8	98
10	Circadian Interleukin-6 Secretion and Quantity and Depth of Sleep. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2603-2607.	3.7	94
11	MANAGEMENT OF ENDOCRINE DISEASE: Hyperandrogenism after menopause. <i>European Journal of Endocrinology</i> , 2015, 172, R79-R91.	3.9	86
12	Corticotropin-Releasing Hormone (CRH) Inhibits Steroid Biosynthesis by Cultured Human Granulosa-Lutein Cells in a CRH and Interleukin-1 Receptor-Mediated Fashion*. <i>Endocrinology</i> , 1997, 138, 4806-4811.	2.9	64
13	Skin manifestations of Cushing disease in children and adolescents before and after the resolution of hypercortisolemia.. <i>Pediatric Dermatology</i> , 1998, 15, 253-258.	0.9	45
14	Combined Oral Contraceptive Treatment of Adolescent Girls with Polycystic Ovary Syndrome: Lipid Profile. <i>Annals of the New York Academy of Sciences</i> , 2000, 900, 245-252.	3.9	45
15	Plasma Metabolomic Profiling Suggests Early Indications for Predisposition to Latent Insulin Resistance in Children Conceived by ICSI. <i>PLoS ONE</i> , 2014, 9, e94001.	2.5	45
16	Gestational Diabetes and T-cell (Th1/Th2/Th17/Treg) Immune Profile. <i>In Vivo</i> , 2019, 33, 31-40.	1.3	44
17	Subclinical Hypothyroidism in Women Planning Conception and During Pregnancy: Who Should Be Treated and How?. <i>Journal of the Endocrine Society</i> , 2018, 2, 533-546.	0.2	39
18	The menace of endocrine disruptors on thyroid hormone physiology and their impact on intrauterine development. <i>Endocrine</i> , 2007, 31, 219-237.	2.2	38

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19	New Targets for Drug Treatment of Obesity. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 585-605.	9.7	38
20	Vitamin D and aspects of female fertility. <i>Hormones</i> , 2017, 16, 5-21.	2.0	37
21	Examining the gut bacteriome, virome, and mycobiome in glucose metabolism disorders: Are we on the right track?. <i>Metabolism: Clinical and Experimental</i> , 2017, 73, 52-66.	3.5	36
22	Diagnosis, management, histology and genetics of sporadic primary hyperparathyroidism: old knowledge with new tricks. <i>Endocrine Connections</i> , 2018, 7, R56-R68.	2.0	35
23	The Role of Hypothalamic Inflammation in Diet-Induced Obesity and Its Association with Cognitive and Mood Disorders. <i>Nutrients</i> , 2021, 13, 498.	4.1	33
24	Replacement of Male Mini-Puberty. <i>Journal of the Endocrine Society</i> , 2019, 3, 1275-1282.	0.2	30
25	A Systematic Review of Bisphenol A from Dietary and Non-Dietary Sources during Pregnancy and Its Possible Connection with Fetal Growth Restriction: Investigating Its Potential Effects and the Window of Fetal Vulnerability. <i>Nutrients</i> , 2021, 13, 2426.	4.1	29
26	In pregnancy increased maternal STAI trait stress score shows decreased insulin sensitivity and increased stress hormones. <i>Psychoneuroendocrinology</i> , 2017, 84, 11-16.	2.8	28
27	Adrenal Hyperandrogenism in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 4431-4435.	3.7	25
28	Exercise-Induced Oxidative Stress Responses in the Pediatric Population. <i>Antioxidants</i> , 2017, 6, 6.	5.1	25
29	Links between HPA axis and adipokines: clinical implications in paradigms of stress-related disorders. <i>Expert Review of Endocrinology and Metabolism</i> , 2018, 13, 317-332.	2.4	23
30	Assisted Reproduction in Congenital Adrenal Hyperplasia. <i>Frontiers in Endocrinology</i> , 2019, 10, 723.	3.5	23
31	Antioxidation improves in puberty in normal weight and obese boys, in positive association with exercise-stimulated growth hormone secretion. <i>Pediatric Research</i> , 2015, 78, 158-164.	2.4	22
32	Increased risk of non-alcoholic fatty liver disease in women with gestational diabetes mellitus: A population-based cohort study, systematic review and meta-analysis. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 107401.	2.4	22
33	Predictive factors of Hyperemesis Gravidarum: A systematic review. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 238, 178-187.	1.1	22
34	Investigating Stress Response during Vaginal Delivery and Elective Cesarean Section through Assessment of Levels of Cortisol, Interleukin 6 (IL-6), Growth Hormone (GH) and Insulin-Like Growth Factor 1 (IGF-1). <i>Journal of Clinical Medicine</i> , 2019, 8, 1112.	2.4	19
35	Safety of anti-tumor necrosis factor therapy during pregnancy in patients with inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 13205.	3.4	18
36	Androgens in Menopausal Women: Not Only Polycystic Ovary Syndrome. <i>Frontiers of Hormone Research</i> , 2019, 53, 135-161.	1.0	18

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37	Pitfalls of the WHIs: Women's Health Initiative. <i>Annals of the New York Academy of Sciences</i> , 2006, 1092, 331-340.	3.9	17
38	Placental CRH as a Signal of Pregnancy Adversity and Impact on Fetal Neurodevelopment. <i>Frontiers in Endocrinology</i> , 2021, 12, 714214.	3.5	17
39	Probiotics in Adolescent Prediabetes: A Pilot RCT on Glycemic Control and Intestinal Bacteriome. <i>Journal of Clinical Medicine</i> , 2019, 8, 1743.	2.4	16
40	Hypothalamic Inflammation as a Potential Pathophysiologic Basis for the Heterogeneity of Clinical, Hormonal, and Metabolic Presentation in PCOS. <i>Nutrients</i> , 2021, 13, 520.	4.1	16
41	Novel Approaches in Addressing Ovarian Insufficiency in 2019: Are We There Yet?. <i>Cell Transplantation</i> , 2020, 29, 096368972092615.	2.5	15
42	Genetic testing in inherited endocrine disorders: joint position paper of the European reference network on rare endocrine conditions (Endo-ERN). <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 144.	2.8	15
43	Metabolic Perspectives for Non-classical Congenital Adrenal Hyperplasia With Relation to the Classical Form of the Disease. <i>Frontiers in Endocrinology</i> , 2019, 10, 681.	3.5	14
44	Inappropriately normal plasma ACTH and cortisol concentrations in the face of increased circulating interleukin-6 concentration in exercise in patients with sarcoidosis. <i>Stress</i> , 2013, 16, 202-210.	1.9	13
45	TSH-secreting pituitary adenomas treated by gamma knife radiosurgery: our case experience and a review of the literature. <i>Hormones</i> , 2016, 15, 122-128.	2.0	13
46	Interleukin 15 concentrations in follicular fluid and their effect on oocyte maturation in subfertile women undergoing intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1019-1025.	2.5	13
47	Changes of serum sclerostin and Dickkopf-1 levels during the menstrual cycle. A pilot study. <i>Endocrine</i> , 2016, 54, 543-551.	2.3	12
48	The association of hs-CRP and fibrinogen with anthropometric and lipid parameters in non-obese adolescent girls with polycystic ovary syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 1213-1220.	0.9	12
49	The Effect of Dietary Supplements on Oxidative Stress in Pregnant Women with Gestational Diabetes Mellitus: A Network Meta-Analysis. <i>Nutrients</i> , 2021, 13, 2284.	4.1	12
50	The Beneficial Effect of the Mobile Application <i>Euglyca</i> in Children and Adolescents with Type 1 Diabetes Mellitus: A Randomized Controlled Trial. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, 627-634.	4.5	11
51	Polycystic Ovary Syndrome: A Contemporary Clinical Approach. <i>Current Pharmaceutical Design</i> , 2021, 27, 3812-3820.	1.9	10
52	TSH-secreting pituitary adenomas treated by gamma knife radiosurgery: our case experience and a review of the literature. <i>Hormones</i> , 2015, 15, 122-8.	2.0	10
53	Liquid Biopsy in Type 2 Diabetes Mellitus Management: Building Specific Biosignatures via Machine Learning. <i>Journal of Clinical Medicine</i> , 2022, 11, 1045.	2.4	10
54	Increased symptoms of anxiety and depression in prepubertal girls, but not boys, with premature adrenarche: associations with serum DHEAS and daily salivary cortisol concentrations. <i>Stress</i> , 2018, 21, 564-568.	1.9	9

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55	Effects on Puberty of Nutrition-Mediated Endocrine Disruptors Employed in Agriculture. <i>Nutrients</i> , 2021, 13, 4184.	4.1	9
56	The Janus face of maternal serum relaxin: a facilitator of birth, might it also induce preterm birth?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 2187-2191.	1.7	8
57	Associations of maternal oestradiol, cortisol, and $TGF-\beta 1$ plasma concentrations with thyroid autoantibodies during pregnancy and postpartum. <i>Clinical Endocrinology</i> , 2018, 89, 789-797.	2.5	8
58	A Greek registry of current type 2 diabetes management, aiming to determine core clinical approaches, patterns and strategies. <i>BMC Endocrine Disorders</i> , 2019, 19, 39.	2.3	8
59	Assessing the practice of LuPOR for poor responders: a prospective study evaluating follicular fluid cfDNA levels during natural IVF cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1183-1194.	2.5	8
60	$TGF-\beta 2$ Physiology as a Novel Therapeutic Target Regarding Autoimmune Thyroid Diseases: Where Do We Stand and What to Expect. <i>Medicina (Lithuania)</i> , 2021, 57, 621.	2.0	8
61	Significant effect of group education in patients with diabetes type 1. <i>Hormones</i> , 2018, 17, 397-403.	2.0	7
62	In early pubertal boys, testosterone and LH are associated with improved anti-oxidation during an aerobic exercise bout. <i>Endocrine</i> , 2019, 66, 370-380.	2.3	7
63	Fibroblast Growth Factor 23 (FGF23) and Klotho Protein in Beta-Thalassemia. <i>Hormone and Metabolic Research</i> , 2020, 52, 194-201.	1.5	7
64	Effects of Two Workload-Matched High-Intensity Interval Training Protocols on Regional Body Composition and Fat Oxidation in Obese Men. <i>Nutrients</i> , 2021, 13, 1096.	4.1	7
65	Low-Grade Systemic Inflammation Interferes with Anabolic and Catabolic Characteristics of the Aged Human Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.1	7
66	Demographic, clinical and hormonal characteristics of patients with premature ovarian insufficiency and those of early menopause: data from two tertiary premature ovarian insufficiency centers in Greece. <i>Gynecological Endocrinology</i> , 2020, 36, 693-697.	1.7	6
67	Associations of Thyroid Hormones Profile During Normal Pregnancy and Postpartum With Anxiety, Depression, and Obsessive/Compulsive Disorder Scores in Euthyroid Women. <i>Frontiers in Neuroscience</i> , 2021, 15, 663348.	2.9	6
68	Biochemistry, hormones and adipocytokines in prepubertal children born with IUGR evoke metabolic, hepatic and renal derangements. <i>Scientific Reports</i> , 2018, 8, 15691.	3.4	5
69	The effects of postnatal exposure of endocrine disruptors on testicular function: a systematic review and a meta-analysis. <i>Hormones</i> , 2020, 19, 157-169.	2.0	5
70	Energy deficiency, menstrual disorders, and low bone mineral density in female athletes: a systematic review. <i>Hormones</i> , 2021, 20, 439-448.	2.0	5
71	Effects of Hormone Therapy and Flavonoids Capable on Reversal of Menopausal Immune Senescence. <i>Nutrients</i> , 2021, 13, 2363.	4.1	5
72	The role of transforming growth factor beta in thyroid autoimmunity: current knowledge and future perspectives. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 431-447.	5.8	5

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73	Orthorexia and Eating Disorders in Adolescents and Young Adults: A Systematic Review. <i>Children</i> , 2022, 9, 514.	1.5	5
74	Could the Age Difference of a Single Calendar Year between Patients Undergoing IVF at 34, 35 or at 36 Years Old Affect the IVF Outcome? A Retrospective Data Analysis. <i>Medicina (Lithuania)</i> , 2020, 56, 92.	2.0	4
75	Adrenal Hyperandrogenism in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 4431-4435.	3.7	4
76	A contemporary therapeutic approach to bone disease in beta-thalassemia - a review. <i>Journal of Frailty, Sarcopenia and Falls</i> , 2018, 03, 13-25.	1.2	4
77	Hobnail Papillary Thyroid Carcinoma, A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2022, 14, 2785.	3.8	4
78	Association Between hsa-miR-30e Polymorphisms and Sporadic Primary Hyperparathyroidism Risk. <i>In Vivo</i> , 2019, 33, 1263-1269.	1.3	3
79	First trimester neutrophil-to-lymphocyte ratio (NLR) and pregnancy outcomes in medically assisted reproduction (MAR): a case control study. <i>Gynecological Endocrinology</i> , 2019, 35, 434-438.	1.7	3
80	Relationship Between Maternal Bone Biomarkers and Fetal Adiposity Through Normal Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2647-e2655.	3.7	3
81	Altered Resistin Concentrations in Mid-trimester Amniotic Fluid of Fetuses With Trisomies 18 and 13: A Window onto the Pathophysiology of Trisomies 18 and 13. <i>In Vivo</i> , 2019, 33, 433-439.	1.3	2
82	A novel heterozygous mutation in the SLC5A2 gene causing severe glycosuria, mild failure to thrive, and subclinical hypoglycemia. <i>Journal of Diabetes</i> , 2021, 13, 688-692.	1.8	2
83	Implementation of the Endocrine Society clinical practice guidelines for gestational diabetes mellitus to a knowledge tool. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13291.	3.4	2
84	Physiological, perceptual and affective responses to high-intensity interval training using two work-matched programs with different bout duration in obese males. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 199-205.	2.2	2
85	Bout duration in high-intensity interval exercise modifies hematologic, metabolic and antioxidant responses. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 216-223.	2.2	2
86	Corticotropin-Releasing Hormone and Inflammation. , 2018, , 121-130.		1
87	Successful Treatment of Severe Atopic Dermatitis with Calcitriol and Paricalcitol in an 8-Year-Old Girl. <i>Case Reports in Pediatrics</i> , 2018, 2018, 1-5.	0.4	1
88	Assisted reproduction technology outcomes in women with infertility and preexisting diabetes mellitus: a systematic review. <i>Hormones</i> , 2022, 21, 23-31.	2.0	1
89	ENDO-ERN ON RARE ENDOCRINE CONDITIONS: Endo-ERN in its fifth year: a pinch of care, science, curiosity and new horizons. <i>Endocrine Connections</i> , 2022, 11, .	2.0	1
90	Bisphenol A correlates with fewer retrieved oocytes in women with tubal factor infertility. <i>Hormones</i> , 2022, 21, 305-315.	2.0	1

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91	An Overview of the Volume. Annals of the New York Academy of Sciences, 2006, 1088, xvi-xix.	3.9	0
92	Adrenocorticotrophic Hormone (ACTH): Physiology and Its Involvement in Pathophysiology. , 2017, , 48-55.		0
93	Investigating apoptotic, inflammatory, and growth markers in poor responders undergoing natural <i>in vitro</i> fertilization cycles: a pilot study. Annals of the New York Academy of Sciences, 2021, 1489, 78-90.	3.9	0
94	Monocyte Chemoattractant Proteinâ€1 and Interleukinâ€8 Levels in Acute Inflammation Induced by Prolonged Exercise. FASEB Journal, 2010, 24, 751.8.	0.5	0
95	Severe hypovitaminosis D in pregnant refugees arriving in Europe: neonatal outcomes and importance of prenatal intervention. Endocrine Connections, 2021, , .	2.0	0
96	Tools for Quality of Life Assessment during Pregnancy: A Narrative Review. Current Women's Health Reviews, 2023, 19, .	0.2	0