

Aya Mousa

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,007
citations

279798

23
h-index

289244

40
g-index

76
all docs

76
docs citations

76
times ranked

2894
citing authors

#	ARTICLE	IF	CITATIONS
1	The Gut Microbiota and Inflammation: An Overview. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7618.	2.6	296
2	Macronutrient and Micronutrient Intake during Pregnancy: An Overview of Recent Evidence. <i>Nutrients</i> , 2019, 11, 443.	4.1	239
3	Vitamin D supplementation has no effect on insulin sensitivity or secretion in vitamin D-deficient, overweight or obese adults: a randomized placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1372-1381.	4.7	94
4	Vitamin D supplementation for improvement of chronic low-grade inflammation in patients with type 2 diabetes: a systematic review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , 2018, 76, 380-394.	5.8	84
5	The Potential of Carnosine in Brain-Related Disorders: A Comprehensive Review of Current Evidence. <i>Nutrients</i> , 2019, 11, 1196.	4.1	68
6	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 452.	2.4	68
7	Mobile Apps for Weight Management: A Review of the Latest Evidence to Inform Practice. <i>Frontiers in Endocrinology</i> , 2020, 11, 412.	3.5	67
8	Effects of vitamin D supplementation on inflammatory markers in heart failure: a systematic review and meta-analysis of randomized controlled trials. <i>Scientific Reports</i> , 2018, 8, 1169.	3.3	63
9	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. <i>Nutrients</i> , 2019, 11, 2888.	4.1	58
10	Effect of vitamin D supplementation on inflammation: protocol for a systematic review. <i>BMJ Open</i> , 2016, 6, e010804.	1.9	54
11	25-hydroxyvitamin D is associated with adiposity and cardiometabolic risk factors in a predominantly vitamin D-deficient and overweight/obese but otherwise healthy cohort. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 258-264.	2.5	42
12	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. <i>Frontiers in Endocrinology</i> , 2020, 11, 605.	3.5	39
13	Metabolomic Biomarkers in Gestational Diabetes Mellitus: A Review of the Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5512.	4.1	39
14	Vitamin D supplementation for the prevention of type 2 diabetes in overweight adults: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 335.	1.6	38
15	Vitamin D and cardiometabolic disorders: a review of current evidence, genetic determinants and pathomechanisms. <i>Obesity Reviews</i> , 2019, 20, 262-277.	6.5	36
16	Vitamin D and COVID-19: An Overview of Recent Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10559.	4.1	36
17	Effect of vitamin D supplementation on inflammation and nuclear factor kappa-B activity in overweight/obese adults: a randomized placebo-controlled trial. <i>Scientific Reports</i> , 2017, 7, 15154.	3.3	33
18	Do Curriculum-Based Social and Emotional Learning Programs in Early Childhood Education and Care Strengthen Teacher Outcomes? A Systematic Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1049.	2.6	33

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19	Nutritional Supplements and Complementary Therapies in Polycystic Ovary Syndrome. <i>Advances in Nutrition</i> , 2022, 13, 1243-1266.	6.4	31
20	Relationship between vitamin D and gestational diabetes in overweight or obese pregnant women may be mediated by adiponectin. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700488.	3.3	30
21	Lipidomic profiling reveals early-stage metabolic dysfunction in overweight or obese humans. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 335-343.	2.4	30
22	Vitamin D-Binding Protein in Pregnancy and Reproductive Health. <i>Nutrients</i> , 2020, 12, 1489.	4.1	30
23	Shared Medical Appointments May Be Effective for Improving Clinical and Behavioral Outcomes in Type 2 Diabetes: A Narrative Review. <i>Frontiers in Endocrinology</i> , 2017, 8, 263.	3.5	29
24	Vitamin D and symptoms of depression in overweight or obese adults: A cross-sectional study and randomized placebo-controlled trial. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 200-208.	2.5	26
25	Higher glomerular filtration rate is related to insulin resistance but not to obesity in a predominantly obese non-diabetic cohort. <i>Scientific Reports</i> , 2017, 7, 45522.	3.3	25
26	Vitamin D in Reproductive Health and Pregnancy. <i>Seminars in Reproductive Medicine</i> , 2016, 34, e1-e13.	1.1	22
27	Effects of supplementation with carnosine and other histidine-containing dipeptides on chronic disease risk factors and outcomes: protocol for a systematic review of randomised controlled trials. <i>BMJ Open</i> , 2018, 8, e020623.	1.9	22
28	Histidine-containing dipeptides reduce central obesity and improve glycaemic outcomes: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2020, 21, e12975.	6.5	22
29	Bioavailable and free 25-hydroxyvitamin D and vitamin D binding protein in polycystic ovary syndrome: Relationships with obesity and insulin resistance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 209-215.	2.5	21
30	Providing lifestyle advice to women with PCOS: an overview of practical issues affecting success. <i>BMC Endocrine Disorders</i> , 2021, 21, 234.	2.2	21
31	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese Otherwise Healthy Adults: A Pilot Randomized Trial. <i>Nutrients</i> , 2018, 10, 1258.	4.1	19
32	Vitamin D supplementation increases adipokine concentrations in overweight or obese adults. <i>European Journal of Nutrition</i> , 2020, 59, 195-204.	3.9	19
33	Increased Inflammation and Cardiometabolic Risk in Individuals with Low AMY1 Copy Numbers. <i>Journal of Clinical Medicine</i> , 2019, 8, 382.	2.4	17
34	Plasma 25-Hydroxyvitamin D Is Related to Protein Signaling Involved in Glucose Homeostasis in a Tissue-Specific Manner. <i>Nutrients</i> , 2016, 8, 631.	4.1	15
35	Adipsin Concentrations Are Associated with Back Pain Independently of Adiposity in Overweight or Obese Adults. <i>Frontiers in Physiology</i> , 2018, 9, 93.	2.8	15
36	A systematic review of targeted social and emotional learning interventions in early childhood education and care settings. <i>Early Child Development and Care</i> , 2021, 191, 2159-2187.	1.3	15

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37	The relationship between 25-hydroxyvitamin D concentration and liver enzymes in overweight or obese adults: Cross-sectional and interventional outcomes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 193-199.	2.5	14
38	Maternal metabolic factors and the association with gestational diabetes: A systematic review and meta-analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, e3532.	4.0	14
39	Vitamin D supplementation may improve back pain disability in vitamin D deficient and overweight or obese adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 212-217.	2.5	13
40	Effect of 16-weeks vitamin D replacement on calcium-phosphate homeostasis in overweight and obese adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 169-175.	2.5	12
41	Integrating Health and Educational Perspectives to Promote Preschoolers' Social and Emotional Learning: Development of a Multi-Faceted Program Using an Intervention Mapping Approach. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 575.	2.6	12
42	Carnosine and histidine-containing dipeptides improve dyslipidemia: a systematic review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , 2020, 78, 939-951.	5.8	11
43	Parents' Embedded in What We Do for Every Child: A Qualitative Exploration of Early Childhood Educators' Perspectives on Supporting Children's Social and Emotional Learning. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1530.	2.6	11
44	The Effects of Soy Products on Cardiovascular Risk Factors in Patients with Type 2 Diabetes: A Systematic Review and Meta-analysis of Clinical Trials. <i>Advances in Nutrition</i> , 2022, 13, 455-473.	6.4	11
45	Vitamin D supplementation improves waist-to-hip ratio and fasting blood glucose in vitamin D deficient, overweight or obese Asians: A pilot secondary analysis of a randomised controlled trial. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 136-141.	2.5	10
46	Metabolomic Biomarkers in Polycystic Ovary Syndrome: A Review of the Evidence. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 102-110.	1.1	8
47	Nutritional markers of undiagnosed type 2 diabetes in adults: Findings of a machine learning analysis with external validation and benchmarking. <i>PLoS ONE</i> , 2021, 16, e0250832.	2.5	7
48	Metformin in Pregnancy Study (MiPS): protocol for a systematic review with individual patient data meta-analysis. <i>BMJ Open</i> , 2020, 10, e036981.	1.9	7
49	PCOS Phenotype in Unselected Populations Study (P-PUP): Protocol for a Systematic Review and Defining PCOS Diagnostic Features with Pooled Individual Participant Data. <i>Diagnostics</i> , 2021, 11, 1953.	2.6	7
50	The Effect of Exercise on Cardiometabolic Risk Factors in Women with Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1386.	2.6	7
51	Relationships between Total, Free and Bioavailable Vitamin D and Vitamin D Binding Protein in Early Pregnancy with Neonatal Outcomes: A Retrospective Cohort Study. <i>Nutrients</i> , 2020, 12, 2495.	4.1	6
52	LowAMY1Copy Number Is Cross-Sectionally Associated to an Inflammation-Related Lipidomics Signature in Overweight and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901151.	3.3	6
53	Interventions and Practice Models for Improving Health and Psychosocial Outcomes for Children in Residential Out-of-Home Care: Systematic Review. <i>Australian Social Work</i> , 2022, 75, 33-47.	1.0	6
54	Lactogenic hormones in relation to maternal metabolic health in pregnancy and postpartum: protocol for a systematic review. <i>BMJ Open</i> , 2022, 12, e055257.	1.9	5

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55	Strengthening the social and emotional skills of pre-schoolers with mental health and developmental challenges in inclusive early childhood education and care settings: a narrative review of educator-led interventions. <i>Early Child Development and Care</i> , 2021, 191, 2311-2332.	1.3	4
56	Implementation of The Sanctuary Model in residential out-of-home care: Enablers, barriers, successes and challenges. <i>Children and Youth Services Review</i> , 2021, 121, 105901.	1.9	4
57	A data-driven biocomputing pipeline with meta-analysis on high throughput transcriptomics to identify genome-wide miRNA markers associated with type 2 diabetes. <i>Heliyon</i> , 2022, 8, e08886.	3.2	4
58	Efficacy and Safety of Nutrient Supplements for Glycaemic Control and Insulin Resistance in Type 2 Diabetes: An Umbrella Review and Hierarchical Evidence Synthesis. <i>Nutrients</i> , 2022, 14, 2295.	4.1	4
59	Causality of anthropometric markers associated with polycystic ovarian syndrome: Findings of a Mendelian randomization study. <i>PLoS ONE</i> , 2022, 17, e0269191.	2.5	4
60	Plasma Phospholipids with Long-Chain Polyunsaturated Fatty Acids and Dihydroceramides at the Crossroads of Iron Stores and Insulin Resistance. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1901055.	3.3	3
61	Metabolic Conditions Including Obesity, Diabetes, and Polycystic Ovary Syndrome: Implications for Breastfeeding and Breastmilk Composition. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 111-132.	1.1	3
62	Residential Out-of-Home Care Staff Perceptions of Implementing a Trauma-Informed Approach: The Sanctuary Model. <i>Journal of Child and Adolescent Trauma</i> , 2022, 15, 653-667.	1.9	3
63	Novel Lipidomic Signature Associated With Metabolic Risk in Women With and Without Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1987-e1999.	3.6	3
64	Serum 25-hydroxyvitamin D concentrations are associated with nuclear factor kappa-B activity but not with inflammatory markers in healthy normoglycemic adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 216-222.	2.5	2
65	Prevention and Management of Gestational Diabetes Using Vitamin D Supplementation: An Overview and Appraisal of Clinical Trials. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8141.	2.5	2
66	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100164.	3.3	2
67	Early career interview: Aya Mousa. <i>Future Science OA</i> , 2019, 5, FSO381.	1.9	1
68	Interventions and practice models for improving health and psychosocial outcomes of children and young people in out-of-home care: protocol for a systematic review. <i>BMJ Open</i> , 2019, 9, e031362.	1.9	1
69	Early Pregnancy Vitamin D Binding Protein Is Independently Associated with the Development of Gestational Diabetes: A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2186.	2.4	1
70	Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 069-070.	1.1	1
71	Influence of <i>AMY1A</i> copy number variations on obesity and other cardiometabolic risk factors: A review of the evidence. <i>Obesity Reviews</i> , 2021, 22, e13205.	6.5	1
72	Serum 25-hydroxyvitamin D concentration is not associated with glomerular filtration rate in a predominantly obese otherwise healthy population. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 253-257.	2.5	0

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73	Reply to the Letter to the Editor from J. Matthews and C. Sale. <i>Obesity Reviews</i> , 2020, 21, e13043.	6.5	0