

# Aya Mousa

## List of Publications by Year in descending order

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73  
papers

2,007  
citations

279701

23  
h-index

289141

40  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2894  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	6
2	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.	2.9	11
3	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.	1.0	3
4	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.	1.2	7
5	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.	1.4	4
6	Lactogenic hormones in relation to maternal metabolic health in pregnancy and postpartum: protocol for a systematic review. <i>BMJ Open</i> , 2022, 12, e055257.	0.8	5
7	Nutritional Supplements and Complementary Therapies in Polycystic Ovary Syndrome. <i>Advances in Nutrition</i> , 2022, 13, 1243-1266.	2.9	31
8	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.	1.8	3
9	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.	1.7	14
10	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.	1.7	4
11	Causality of anthropometric markers associated with polycystic ovarian syndrome: Findings of a Mendelian randomization study. <i>PLoS ONE</i> , 2022, 17, e0269191.	1.1	4
12	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.	0.7	4
13	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.	0.7	15
14	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.	1.0	4
15	â€œItâ€™s Embedded in What We Do for Every Childâ€: A Qualitative Exploration of Early Childhood Educatorsâ€™ Perspectives on Supporting Childrenâ€™s Social and Emotional Learning. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1530.	1.2	11
16	Metabolomic Biomarkers in Gestational Diabetes Mellitus: A Review of the Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5512.	1.8	39
17	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.	1.1	7
18	Metabolomic Biomarkers in Polycystic Ovary Syndrome: A Review of the Evidence. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 102-110.	0.5	8

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19	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.	0.5	3
20	Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 069-070.	0.5	1
21	Novel Relationship Between Plasmalogen Lipid Signatures and Carnosine in Humans. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100164.	1.5	2
22	Vitamin D and COVID-19: An Overview of Recent Evidence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10559.	1.8	36
23	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.	3.1	1
24	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.	1.3	7
25	Providing lifestyle advice to women with PCOS: an overview of practical issues affecting success. <i>BMC Endocrine Disorders</i> , 2021, 21, 234.	0.9	21
26	Vitamin D supplementation increases adipokine concentrations in overweight or obese adults. <i>European Journal of Nutrition</i> , 2020, 59, 195-204.	1.8	19
27	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.	3.1	22
28	The Gut Microbiota and Inflammation: An Overview. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7618.	1.2	296
29	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.	1.0	1
30	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.	1.3	2
31	Reply to the Letter to the Editor from J. Matthews and C. Sale. <i>Obesity Reviews</i> , 2020, 21, e13043.	3.1	0
32	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.	1.7	6
33	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. <i>Frontiers in Endocrinology</i> , 2020, 11, 605.	1.5	39
34	Low <i>AMY1</i> Copy 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.	1.5	6
35	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.	2.6	11
36	Mobile Apps for Weight Management: A Review of the Latest Evidence to Inform Practice. <i>Frontiers in Endocrinology</i> , 2020, 11, 412.	1.5	67

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37	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.	1.2	33
38	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.	1.5	3
39	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.	1.2	12
40	Metformin in Pregnancy Study (MiPS): protocol for a systematic review with individual patient data meta-analysis. <i>BMJ Open</i> , 2020, 10, e036981.	0.8	7
41	Vitamin D-Binding Protein in Pregnancy and Reproductive Health. <i>Nutrients</i> , 2020, 12, 1489.	1.7	30
42	The Potential of Carnosine in Brain-Related Disorders: A Comprehensive Review of Current Evidence. <i>Nutrients</i> , 2019, 11, 1196.	1.7	68
43	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 452.	1.0	68
44	Increased Inflammation and Cardiometabolic Risk in Individuals with Low AMY1 Copy Numbers. <i>Journal of Clinical Medicine</i> , 2019, 8, 382.	1.0	17
45	Macronutrient and Micronutrient Intake during Pregnancy: An Overview of Recent Evidence. <i>Nutrients</i> , 2019, 11, 443.	1.7	239
46	Early career interview: Aya Mousa. <i>Future Science OA</i> , 2019, 5, FSO381.	0.9	1
47	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.	0.8	1
48	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. <i>Nutrients</i> , 2019, 11, 2888.	1.7	58
49	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.	1.2	13
50	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.	1.2	30
51	Vitamin D and cardiometabolic disorders: a review of current evidence, genetic determinants and pathomechanisms. <i>Obesity Reviews</i> , 2019, 20, 262-277.	3.1	36
52	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.	1.2	12
53	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.	1.2	10
54	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.	2.6	84

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55	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.	1.6	63
56	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.	0.8	22
57	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.	1.2	21
58	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.	1.2	14
59	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.	1.2	2
60	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.	1.2	26
61	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese Otherwise Healthy Adults: A Pilot Randomized Trial. <i>Nutrients</i> , 2018, 10, 1258.	1.7	19
62	Adipsin Concentrations Are Associated with Back Pain Independently of Adiposity in Overweight or Obese Adults. <i>Frontiers in Physiology</i> , 2018, 9, 93.	1.3	15
63	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.	2.2	94
64	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.	1.6	25
65	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.	1.2	42
66	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.	1.5	30
67	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.	1.6	33
68	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.	1.2	0
69	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.	1.5	29
70	Plasma 25-Hydroxyvitamin D Is Related to Protein Signaling Involved in Glucose Homeostasis in a Tissue-Specific Manner. <i>Nutrients</i> , 2016, 8, 631.	1.7	15
71	Effect of vitamin D supplementation on inflammation: protocol for a systematic review. <i>BMJ Open</i> , 2016, 6, e010804.	0.8	54
72	Vitamin D in Reproductive Health and Pregnancy. <i>Seminars in Reproductive Medicine</i> , 2016, 34, e1-e13.	0.5	22

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73	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.	0.7	38