Amany K Elshorbagy

List of Publications by Year in Descending Order

47 papers	1,162 citations	19 h-index	33 g-index
48 ext. papers	1,388 ext. citations	4.8 avg, IF	4.2 L-index

#	Paper	IF	Citations
47	The association of serum sulfur amino acids and related metabolites with incident diabetes: a prospective cohort study.. *European Journal of Nutrition*, **2022**, 1	5.2	0
46	Sulfur amino acid restriction, energy metabolism and obesity: a study protocol of an 8-week randomized controlled dietary intervention with whole foods and amino acid supplements. *Journal of Translational Medicine*, **2021**, 19, 153	8.5	2
45	Extracellular cystine influences human preadipocyte differentiation and correlates with fat mass in healthy adults. *Amino Acids*, **2021**, 53, 1623-1634	3.5	1
44	Changes in plasma fatty acids and related biomarkers during transition to an exclusively plant- and fish-based diet in healthy adults. *Nutrition*, **2021**, 90, 111306	4.8	1
43	Body mass index determines the response of plasma sulfur amino acids to methionine loading. *Biochimie*, **2020**, 173, 107-113	4.6	3
42	Development of Primary Percutaneous Coronary Intervention as a National Reperfusion Strategy for Patients with ST-Elevation Myocardial Infarction and Assessment of Its Use in Egypt. *Cardiovascular Innovations and Applications*, **2020**, 4, 269-278	0.1	0
41	Association of Maternal Plasma Total Cysteine and Growth among Infants in Nepal: A Cohort Study. *Nutrients*, **2020**, 12,	6.7	3
40	Blood pressure measurement protocol determines hypertension phenotypes in a Middle Eastern population. *Journal of Clinical Hypertension*, **2020**, 22, 1995-2003	2.3	2
39	Resveratrol ameliorates long-term structural, functional and metabolic perturbations in a rat model of donor nephrectomy: Implication of SIRT1. *Journal of Functional Foods*, **2019**, 58, 34-43	5.1	0
38	Cortical tau burden and behavioural dysfunctions in mice exposed to monosodium glutamate in early life. *PLoS ONE*, **2019**, 14, e0220720	3.7	3
37	Circulating amino acids are associated with bone mineral density decline and ten-year major osteoporotic fracture risk in older community-dwelling adults. *Bone*, **2019**, 129, 115082	4.7	19
36	Circulating Polyunsaturated Fatty Acids as Biomarkers for Dietary Intake across Subgroups: The CODAM and Hoorn Studies. *Annals of Nutrition and Metabolism*, **2018**, 72, 117-125	4.5	3
35	Protective effect of melatonin versus montelukast in cisplatin-induced seminiferous tubule damage in rats. *Andrologia*, **2018**, 50, e13077	2.4	8
34	Food Overconsumption in Healthy Adults Triggers Early and Sustained Increases in Serum Branched-Chain Amino Acids and Changes in Cysteine Linked to Fat Gain. *Journal of Nutrition*, **2018**, 148, 1073-1080	4.1	10
33	Amino acid changes during transition to a vegan diet supplemented with fish in healthy humans. *European Journal of Nutrition*, **2017**, 56, 1953-1962	5.2	31
32	Perturbed adipose tissue hydrogen peroxide metabolism in centrally obese men: Association with insulin resistance. *PLoS ONE*, **2017**, 12, e0177268	3.7	19
31	The relation of CUN-BAE index and BMI with body fat, cardiovascular events and diabetes during a 6-year follow-up: the Hordaland Health Study. *Clinical Epidemiology*, **2017**, 9, 555-566	5.9	14

30	Circulating linoleic acid and alpha-linolenic acid and glucose metabolism: the Hoorn Study. *European Journal of Nutrition*, **2017**, 56, 2171-2180	5.2	10
29	Exploring the Lean Phenotype of Glutathione-Depleted Mice: Thiol, Amino Acid and Fatty Acid Profiles. *PLoS ONE*, **2016**, 11, e0163214	3.7	12
28	Genome-wide association reveals that common genetic variation in the kallikrein-kinin system is associated with serum L-arginine levels. *Thrombosis and Haemostasis*, **2016**, 116, 1041-1049	7	5
27	Comment on Sergeant et al.: Impact of methods used to express levels of circulating fatty acids on the degree and direction of associations with blood lipids in humans. *British Journal of Nutrition*, **2016**, 115, 2077-8	3.6	4
26	Serum S-adenosylmethionine, but not methionine, increases in response to overfeeding in humans. *Nutrition and Diabetes*, **2016**, 6, e192	4.7	32
25	Brain atrophy in cognitively impaired elderly: the importance of long-chain ⊟ fatty acids and B vitamin status in a randomized controlled trial. *American Journal of Clinical Nutrition*, **2015**, 102, 215-21	7	115
24	Omega-3 Fatty Acids Modify Treatment Effect of High-Dose B Vitamins in Cognitively Impaired Elderly. *FASEB Journal*, **2015**, 29, 401.1	0.9	
23	Body composition in gene knockouts of sulfur amino acid-metabolizing enzymes. *Mammalian Genome*, **2014**, 25, 455-63	3.2	15
22	Monosodium glutamate neurotoxicity increases beta amyloid in the rat hippocampus: a potential role for cyclic AMP protein kinase. *NeuroToxicology*, **2014**, 42, 76-82	4.4	30
21	The first international mini-symposium on methionine restriction and lifespan. *Frontiers in Genetics*, **2014**, 5, 122	4.5	15
20	Effect of taurine and N-acetylcysteine on methionine restriction-mediated adiposity resistance. *Metabolism: Clinical and Experimental*, **2013**, 62, 509-17	12.7	23
19	Associations between plasma polyunsaturated fatty acids, plasma stearoyl-CoA desaturase indices and body fat. *Obesity*, **2013**, 21, E512-9	8	13
18	Plasma stearoyl-CoA desaturase indices: association with lifestyle, diet, and body composition. *Obesity*, **2013**, 21, E294-302	8	39
17	S-adenosylmethionine is associated with fat mass and truncal adiposity in older adults. *Journal of Nutrition*, **2013**, 143, 1982-8	4.1	29
16	Associations of serum n-3 and n-6 polyunsaturated fatty acids with echocardiographic measures among older adults: the Hoorn Study. *European Journal of Clinical Nutrition*, **2013**, 67, 1277-83	5.2	5
15	Evaluation of the body adiposity index in a Caucasian population: the Hordaland health study. *American Journal of Epidemiology*, **2013**, 177, 586-92	3.8	29
14	Dietary cystine level affects metabolic rate and glycaemic control in adult mice. *Journal of Nutritional Biochemistry*, **2012**, 23, 332-40	6.3	42
13	The association of fasting plasma sulfur-containing compounds with BMI, serum lipids and apolipoproteins. *Nutrition, Metabolism and Cardiovascular Diseases*, **2012**, 22, 1031-8	4.5	43

12	Cysteine and obesity. *Obesity*, **2012**, 20, 473-81	8	45
11	Cysteine and obesity: consistency of the evidence across epidemiologic, animal and cellular studies. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2012**, 15, 49-57	3.8	72
10	The association of cysteine with obesity, inflammatory cytokines and insulin resistance in Hispanic children and adolescents. *PLoS ONE*, **2012**, 7, e44166	3.7	51
9	Cysteine supplementation reverses methionine restriction effects on rat adiposity: significance of stearoyl-coenzyme A desaturase. *Journal of Lipid Research*, **2011**, 52, 104-12	6.3	109
8	Dietary intake of protein is positively associated with percent body fat in middle-aged and older adults. *Journal of Nutrition*, **2011**, 141, 440-6	4.1	28
7	Effect of bariatric surgery on sulphur amino acids and glutamate. *British Journal of Nutrition*, **2011**, 106, 432-40	3.6	20
6	Sulfur amino acids in methionine-restricted rats: hyperhomocysteinemia. *Nutrition*, **2010**, 26, 1201-4	4.8	65
5	Response to Sulfur amino acids in methionine-restricted rats: Hyperhomocysteinemia *Nutrition*, **2010**, 26, 1205-1206	4.8	1
4	Cysteine, homocysteine and bone mineral density: a role for body composition?. *Bone*, **2009**, 44, 954-8	4.7	19
3	The association of plasma cysteine and gamma-glutamyltransferase with BMI and obesity. *Obesity*, **2009**, 17, 1435-40	8	46
2	Homocysteine, cysteine, and body composition in the Hordaland Homocysteine Study: does cysteine link amino acid and lipid metabolism?. *American Journal of Clinical Nutrition*, **2008**, 88, 738-46	7	110
1	Plasma creatinine as a determinant of plasma total homocysteine concentrations in the Hordaland Homocysteine Study: use of statistical modeling to determine reference limits. *Clinical Biochemistry* , **2007**, 40, 1209-18	3.5	16