

# Elisa Keating

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,366  
citations

279487

23  
h-index

360668

35  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Folates and aging: Role in mild cognitive impairment, dementia and depression. <i>Ageing Research Reviews</i> , 2015, 22, 9-19.	5.0	118
2	The Chemopreventive Effect of the Dietary Compound Kaempferol on the MCF-7 Human Breast Cancer Cell Line Is Dependent on Inhibition of Glucose Cellular Uptake. <i>Nutrition and Cancer</i> , 2015, 67, 504-513.	0.9	112
3	Quercetin and epigallocatechin gallate inhibit glucose uptake and metabolism by breast cancer cells by an estrogen receptor-independent mechanism. <i>Experimental Cell Research</i> , 2013, 319, 1784-1795.	1.2	78
4	Maternal Undernutrition and Fetal Developmental Programming of Obesity: The Glucocorticoid Connection. <i>Reproductive Sciences</i> , 2015, 22, 138-145.	1.1	49
5	Exposure to non-nutritive sweeteners during pregnancy and lactation: Impact in programming of metabolic diseases in the progeny later in life. <i>Reproductive Toxicology</i> , 2014, 49, 196-201.	1.3	45
6	Impact of Gestational Diabetes Mellitus in the Maternal-to-Fetal Transport of Nutrients. <i>Current Diabetes Reports</i> , 2015, 15, 569.	1.7	45
7	Gestational diabetes mellitus decreases placental uptake of long-chain polyunsaturated fatty acids: involvement of long-chain acyl-CoA synthetase. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1741-1750.	1.9	44
8	2-Arachidonoylglycerol effects in cytotrophoblasts: metabolic enzymes expression and apoptosis in BeWo cells. <i>Reproduction</i> , 2014, 147, 301-311.	1.1	44
9	Excess perigestational folic acid exposure induces metabolic dysfunction in post-natal life. <i>Journal of Endocrinology</i> , 2015, 224, 245-259.	1.2	43
10	Regulation of human extraneuronal monoamine transporter (hEMT) expressed in HEK293 cells by intracellular second messenger systems. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 364, 487-495.	1.4	39
11	Folic acid uptake by the human syncytiotrophoblast: Interference by pharmacotherapy, drugs of abuse and pathological conditions. <i>Reproductive Toxicology</i> , 2009, 28, 511-520.	1.3	38
12	High-performance electrochemical immunomagnetic assay for breast cancer analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 308, 127667.	4.0	38
13	Effect of polyphenols on glucose and lactate transport by breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2016, 157, 1-11.	1.1	37
14	Acute and chronic effects of some dietary bioactive compounds on folic acid uptake and on the expression of folic acid transporters by the human trophoblast cell line BeWo. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 91-100.	1.9	35
15	Iodine Status and Iodised Salt Consumption in Portuguese School-Aged Children: The Iogeneration Study. <i>Nutrients</i> , 2017, 9, 458.	1.7	35
16	Immunomagnetic bead-based bioassay for the voltammetric analysis of the breast cancer biomarker HER2-ECD and tumour cells using quantum dots as detection labels. <i>Mikrochimica Acta</i> , 2020, 187, 184.	2.5	35
17	2-Arachidonoylglycerol impairs human cytotrophoblast cells syncytialization: Influence of endocannabinoid signalling in placental development. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 386-394.	1.6	31
18	Antimetabolic Effects of Polyphenols in Breast Cancer Cells: Focus on Glucose Uptake and Metabolism. <i>Frontiers in Nutrition</i> , 2018, 5, 25.	1.6	31

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19	Transient receptor potential vanilloid 1 is expressed in human cytotrophoblasts: Induction of cell apoptosis and impairment of syncytialization. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 57, 177-185.	1.2	27
20	Comparison of folic acid uptake characteristics by human placental choriocarcinoma cells at acidic and physiological pH. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 247-255.	0.7	24
21	Oxidative stress decreases uptake of neutral amino acids in a human placental cell line (BeWo cells). <i>Reproductive Toxicology</i> , 2013, 40, 76-81.	1.3	24
22	The impact of folic acid supplementation on gestational and long term health: Critical temporal windows, benefits and risks. <i>Porto Biomedical Journal</i> , 2017, 2, 315-332.	0.4	24
23	Progesterone Inhibits Folic Acid Transport in Human Trophoblasts. <i>Journal of Membrane Biology</i> , 2007, 216, 143-152.	1.0	23
24	Folic acid uptake by the human syncytiotrophoblast is affected by gestational diabetes, hyperleptinemia, and TNF- $\alpha$ . <i>Pediatric Research</i> , 2013, 73, 388-394.	1.1	23
25	Acute Effect of Tea, Wine, Beer, and Polyphenols on ecto-Alkaline Phosphatase Activity in Human Vascular Smooth Muscle Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4982-4988.	2.4	22
26	Xanthohumol impairs glucose uptake by a human first-trimester extravillous trophoblast cell line (HTR-8/SVneo cells) and impacts the process of placentation. <i>Molecular Human Reproduction</i> , 2015, 21, 803-815.	1.3	22
27	The effect of a series of organic cations upon the plasmalemmal serotonin transporter, SERT. <i>Life Sciences</i> , 2004, 76, 103-119.	2.0	21
28	Oxidative stress induced by tert-butylhydroperoxide interferes with the placental transport of glucose: in vitro studies with BeWo cells. <i>European Journal of Pharmacology</i> , 2013, 720, 218-226.	1.7	21
29	Uptake of 1-Methyl-4-Phenylpyridinium (MPP+) by the JAR Human Placental Choriocarcinoma Cell Line: Comparison with 5-Hydroxytryptamine. <i>Placenta</i> , 2003, 24, 361-369.	0.7	20
30	Chronic consumption of the dietary polyphenol chrysin attenuates metabolic disease in fructose-fed rats. <i>European Journal of Nutrition</i> , 2020, 59, 151-165.	1.8	19
31	Effect of chrysin on changes in intestinal environment and microbiome induced by fructose-feeding in rats. <i>Food and Function</i> , 2019, 10, 4566-4576.	2.1	18
32	L-Methionine Placental Uptake: Characterization and Modulation in Gestational Diabetes Mellitus. <i>Reproductive Sciences</i> , 2013, 20, 1492-1507.	1.1	16
33	A parallel increase in placental oxidative stress and antioxidant defenses occurs in pre-gestational type 1 but not gestational diabetes. <i>Placenta</i> , 2013, 34, 1095-1098.	0.7	15
34	Comparison of the Transport Characteristics of Bioactive Substances in IUGR and Normal Placentas. <i>Pediatric Research</i> , 2009, 66, 495-500.	1.1	14
35	Modulation of the uptake of critical nutrients by breast cancer cells by lactate: Impact on cell survival, proliferation and migration. <i>Experimental Cell Research</i> , 2016, 341, 111-122.	1.2	14
36	Involvement of mTOR, JNK and PI3K in the negative effect of ethanol and metformin on the human first-trimester extravillous trophoblast HTR-8/SVneo cell line. <i>European Journal of Pharmacology</i> , 2018, 833, 16-24.	1.7	14

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37	Perigestational high folic acid: impact on offspring's peripheral metabolic response. Food and Function, 2019, 10, 7216-7226.	2.1	13
38	Characteristics of Thiamine Uptake by the BeWo Human Trophoblast Cell Line. BMB Reports, 2006, 39, 383-393.	1.1	13
39	Uptake of 3H-1-methyl-4-phenylpyridinium (3H-MPP+) by human intestinal Caco-2 cells is regulated by phosphorylation/dephosphorylation mechanisms. Biochemical Pharmacology, 2002, 63, 1565-1573.	2.0	11
40	Placentation-related processes in a human first-trimester extravillous trophoblast cell line (HTR-8/SVneo cells) are affected by several xenobiotics. Drug and Chemical Toxicology, 2019, 42, 541-545.	1.2	11
41	Iodine knowledge is associated with iodine status in Portuguese pregnant women: results from the IoMum cohort study. British Journal of Nutrition, 2021, 126, 1331-1339.	1.2	8
42	Oxidative stress induced by tert-butylhydroperoxide interferes with the placental transport of glucose: in vitro studies with BeWo cells. European Journal of Pharmacology, 2013, 720, 218-26.	1.7	8
43	Effect of P-glycoprotein modulators on the human extraneuronal monoamine transporter. European Journal of Pharmacology, 2001, 422, 31-37.	1.7	6
44	Methotrexate enhances 3T3-L1 adipocytes hypertrophy. Cell Biology and Toxicology, 2013, 29, 293-302.	2.4	6
45	The association of milk and dairy consumption with iodine status in pregnant women in Oporto region. British Journal of Nutrition, 2021, 126, 1-9.	1.2	6
46	Noncompliance to iodine supplementation recommendation is a risk factor for iodine insufficiency in Portuguese pregnant women: results from the IoMum cohort. Journal of Endocrinological Investigation, 0, , .	1.8	5
47	Children's performance on Raven's Coloured progressive matrices in Portugal: The Flynn effect. Intelligence, 2020, 82, 101485.	1.6	4
48	Arachidonic Acid Reverses Xanthohumol-Induced Insufficiency in a Human First-Trimester Extravillous Trophoblast Cell Line (HTR-8/SVneo Cells). Reproductive Sciences, 2018, 25, 1394-1405.	1.1	3
49	Interaction of Polyphenols with the Intestinal and Placental Absorption of some Nutrients and other Compounds. , 2014, , 523-536.		2
50	Folic Acid and Gestational Diabetes: Foundations for Further Studies. , 2018, , 465-477.		2
51	Interaction of Polyphenols With the Intestinal and Placental Absorption of Some Bioactive Compounds. , 2018, , 321-336.		2
52	Effect of pathological conditions, pharmacotherapy and drugs of abuse upon folic acid placental uptake. FASEB Journal, 2007, 21, A533.	0.2	2
53	Maternal Nutrition and Developmental Programming of Obesity. Recent Advances in Obesity Research, 2020, , 308-323.	0.1	2
54	Vegetarian diets as a possible therapeutic approach to patients with metabolic syndrome. Porto Biomedical Journal, 2020, 5, e098.	0.4	2

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55	Abdominal Cavity Compliance: A Participant More in the Building Up of Visceral Obesity. Obesity, 2009, 17, 937-937.	1.5	1
56	Polyunsaturated Fatty Acids and Gestational Diabetes. , 2018, , 451-463.		0
57	Inhibition of folic acid transport in cultured human trophoblasts by progesterone. FASEB Journal, 2007, 21, A533.	0.2	0
58	Vascular Glucose Transport and the Metabolic Syndrome. , 2009, , 123-146.		0