Jocelyn D Glazier

List of Publications by Year
in descending order

36 papers	2,038 citations	331259 21 h-index	395343 33 g-index
37 all docs	37 docs citations	37 times ranked	2014 citing authors

#	Article	IF	Citations
1	Association between the Activity of the System A Amino Acid Transporter in the Microvillous Plasma Membrane of the Human Placenta and Severity of Fetal Compromise in Intrauterine Growth Restriction. Pediatric Research, 1997, 42, 514-519.	1.1	257
2	Inhibition of placental mTOR signaling provides a link between placental malaria and reduced birthweight. BMC Medicine, 2017, 15, 1.	2.3	242
3	Amino Acid (System A) Transporter Activity in Microvillous Membrane Vesicles from the Placentas of Appropriate and Small for Gestational Age Babies. Pediatric Research, 1993, 34, 661-665.	1.1	231
4	Placental Phenotypes of Intrauterine Growth. Pediatric Research, 2005, 58, 827-832.	1.1	216
5	Tumor-homing peptides as tools for targeted delivery of payloads to the placenta. Science Advances, 2016, 2, e1600349.	4.7	119
6	Development and polarization of cationic amino acid transporters and regulators in the human placenta. American Journal of Physiology - Cell Physiology, 2000, 278, C1162-C1171.	2.1	100
7	Purification and Na+ uptake by human placental microvillus membrane vesicles prepared by three different methods. Biochimica Et Biophysica Acta - Biomembranes, 1988, 945, 127-134.	1.4	97
8	eNOS knockout mouse as a model of fetal growth restriction with an impaired uterine artery function and placental transport phenotype. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R86-R93.	0.9	97
9	Neutral Amino Acid Uptake by the Microvillous Plasma Membrane of the Human Placenta Is Inversely Related to Fetal Size at Birth in Normal Pregnancy¹. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3320-3326.	1.8	76
10	Na+ transport, H+ concentration gradient dissipation, and system A amino acid transporter activity in purified microvillous plasma membrane isolated from first-trimester human placenta: Comparison with the term microvillous membrane. American Journal of Obstetrics and Gynecology, 1994, 171, 1534-1540.	0.7	66
11	The effect of Ramadan fasting during pregnancy on perinatal outcomes: a systematic review and meta-analysis. BMC Pregnancy and Childbirth, 2018, 18, 421.	0.9	53
12	Characterization of cationic amino acid transporters and expression of endothelial nitric oxide synthase in human placental microvascular endothelial cells. FASEB Journal, 2004, 18, 125-127.	0.2	49
13	System A Amino Acid Transporter Activity in Human Placental Microvillous Membrane Vesicles in Relation to Various Anthropometric Measurements in Appropriate and Small for Gestational Age Babies. Pediatric Research, 1999, 45, 810-814.	1.1	34
14	Homocysteine transport by systems L, A and y⁺L across the microvillous plasma membrane of human placenta. Journal of Physiology, 2009, 587, 4001-4013.	1.3	33
15	Activity and Expression of the Na+/H+ Exchanger in the Microvillous Plasma Membrane of the Syncytiotrophoblast in Relation to Gestation and Small for Gestational Age Birth. Pediatric Research, 2000, 48, 652-659.	1.1	32
16	Integration of computational modeling with membrane transport studies reveals new insights into amino acid exchange transport mechanisms. FASEB Journal, 2015, 29, 2583-2594.	0.2	31
17	Knowledge needed about the exchange physiology of the placenta. Placenta, 2018, 64, S9-S15.	0.7	30
18	Maternal immune activation in rodent models: A systematic review of neurodevelopmental changes in gene expression and epigenetic modulation in the offspring brain. Neuroscience and Biobehavioral Reviews, 2021, 129, 389-421.	2.9	29

#	Article	IF	Citations
19	Homocysteine is transported by the microvillous plasma membrane of human placenta. Journal of Inherited Metabolic Disease, 2011, 34, 57-65.	1.7	28
20	Effect of Fetal Growth Restriction on System A Amino Acid Transporter Activity in the Maternal Facing Plasma Membrane of Rat Syncytiotrophoblast. Pediatric Research, 1996, 40, 325-329.	1.1	26
21	Equilibrative Nucleoside Transporter 1 (ENT1, SLC29A1) Facilitates Transfer of the Antiretroviral Drug Abacavir across the Placenta. Drug Metabolism and Disposition, 2018, 46, 1817-1826.	1.7	25
22	Maternal Inositol Status and Neural Tube Defects: A Role for the Human Yolk Sac in Embryonic Inositol Delivery?. Advances in Nutrition, 2021, 12, 212-222.	2.9	25
23	In Vitro Methods for Studying Human Placental Amino Acid Transport: Placental Plasma Membrane Vesicles. , 2006, 122, 241-252.		23
24	Impaired placental autophagy in placental malaria. PLoS ONE, 2017, 12, e0187291.	1.1	22
25	Role of ABC and Solute Carrier Transporters in the Placental Transport of Lamivudine. Antimicrobial Agents and Chemotherapy, 2016, 60, 5563-5572.	1.4	19
26	Mechanisms of solute transfer across the human placenta: effects of intrauterine growth restriction. Fetal and Maternal Medicine Review, 1998, 10, 197-206.	0.3	13
27	Relation of placental alkaline phosphatase expression in human term placenta with maternal and offspring fat mass. International Journal of Obesity, 2018, 42, 1202-1210.	1.6	11
28	Chloride Transport across Syncytiotrophoblast Microvillous Membrane of First Trimester Human Placenta. Pediatric Research, 1998, 44, 226-232.	1.1	11
29	Homocysteine Metabolism in Pregnancy and Developmental Impacts. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	10
30	Maternal intermittent fasting during pregnancy induces fetal growth restriction and down-regulated placental system A amino acid transport in the rat. Clinical Science, 2021, 135, 1445-1466.	1.8	9
31	PTHrP is essential for normal morphogenetic and functional development of the murine placenta. Developmental Biology, 2017, 430, 325-336.	0.9	7
32	Urotensin II in the development and progression of chronic kidney disease following â…š nephrectomy in the rat. Experimental Physiology, 2019, 104, 421-433.	0.9	7
33	Differential expression of system L amino acid transporter subtypes in rat placenta and yolk sac. Placenta, 2021, 103, 188-198.	0.7	6
34	Human Placental Arterial Distensibility, Birth Weight, and Body Size Are Positively Related to Fetal Homocysteine Concentration. Reproductive Sciences, 2017, 24, 1070-1078.	1.1	2
35	Impact of maternal intermittent fasting during pregnancy on cardiovascular, metabolic and renal function in adult rat offspring. PLoS ONE, 2022, 17, e0258372.	1.1	2
36	Parathyroid hormone-related protein (PTHrP): a modulator of fetal growth and development. , 2009, , 22-24.		0