

Sarah Arrowsmith

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

595
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxytocic plant cyclotides as templates for peptide G protein-coupled receptor ligand design. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 21183-21188.	7.1	129
2	What do we know about what happens to myometrial function as women age?. Journal of Muscle Research and Cell Motility, 2012, 33, 209-217.	2.0	52
3	Drugs acting on the pregnant uterus. Obstetrics, Gynaecology and Reproductive Medicine, 2010, 20, 241-247.	0.3	48
4	Hypoxia-induced force increase (HIFI) is a novel mechanism underlying the strengthening of labor contractions, produced by hypoxic stresses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9763-9768.	7.1	46
5	Subtle modifications to oxytocin produce ligands that retain potency and improved selectivity across species. Science Signaling, 2017, 10, .	3.6	34
6	Development of a human vasopressin V1a-receptor antagonist from an evolutionary-related insect neuropeptide. Scientific Reports, 2017, 7, 41002.	3.3	33
7	Myometrial physiology "time to translate?. Experimental Physiology, 2014, 99, 495-502.	2.0	32
8	The Physiological Mechanisms of the Sex-Based Difference in Outcomes of COVID19 Infection. Frontiers in Physiology, 2021, 12, 627260.	2.8	32
9	Poor Spontaneous and Oxytocin-Stimulated Contractility in Human Myometrium from Postdates Pregnancies. PLoS ONE, 2012, 7, e36787.	2.5	30
10	A Comparison of the Contractile Properties of Myometrium from Singleton and Twin Pregnancies. PLoS ONE, 2013, 8, e63800.	2.5	30
11	Uterine Excitability and Ion Channels and Their Changes with Gestation and Hormonal Environment. Annual Review of Physiology, 2021, 83, 331-357.	13.1	24
12	Contractility Measurements of Human Uterine Smooth Muscle to Aid Drug Development. Journal of Visualized Experiments, 2018, , .	0.3	21
13	Ethnobotanical survey of Rinorea dentata (Violaceae) used in South-Western Nigerian ethnomedicine and detection of cyclotides. Journal of Ethnopharmacology, 2016, 179, 83-91.	4.1	18
14	Oxytocin and vasopressin signalling and myometrial contraction. Current Opinion in Physiology, 2020, 13, 62-70.	1.8	17
15	Differing In Vitro Potencies of Tocolytics and Progesterone in Myometrium From Singleton and Twin Pregnancies. Reproductive Sciences, 2016, 23, 98-111.	2.5	16
16	The combination tocolytic effect of magnesium sulfate and an oxytocin receptor antagonist in myometrium from singleton and twin pregnancies. American Journal of Obstetrics and Gynecology, 2016, 215, 789.e1-789.e9.	1.3	13
17	Identification and validation of suitable reference genes for quantitative real-time PCR gene expression analysis in pregnant human myometrium. Molecular Biology Reports, 2021, 48, 413-423.	2.3	7
18	Comparison of the myometrial transcriptome from singleton and twin pregnancies by RNA-Seq. PLoS ONE, 2020, 15, e0227882.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Using pyrene to probe the effects of poloxamer stabilisers on internal lipid microenvironments in solid lipid nanoparticles. <i>Nanoscale Advances</i> , 2020, 2, 5572-5577.	4.6	5
20	Gestational and Hormonal Effects on Magnesium Sulfate's Ability to Inhibit Mouse Uterine Contractility. <i>Reproductive Sciences</i> , 2019, , 193371911982808.	2.5	1
21	Human Assays. <i>Methods in Molecular Biology</i> , 2022, 2384, 29-42.	0.9	1
22	Gestational and Hormonal Effects on Magnesium Sulfate's Ability to Inhibit Mouse Uterine Contractility. <i>Reproductive Sciences</i> , 2020, 27, 1570-1579.	2.5	1