

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	Human Assays. <i>Methods in Molecular Biology</i> , 2022, 2384, 29-42.	0.9	1
2	Uterine Excitability and Ion Channels and Their Changes with Gestation and Hormonal Environment. <i>Annual Review of Physiology</i> , 2021, 83, 331-357.	13.1	24
3	Identification and validation of suitable reference genes for quantitative real-time PCR gene expression analysis in pregnant human myometrium. <i>Molecular Biology Reports</i> , 2021, 48, 413-423.	2.3	7
4	The Physiological Mechanisms of the Sex-Based Difference in Outcomes of COVID19 Infection. <i>Frontiers in Physiology</i> , 2021, 12, 627260.	2.8	32
5	Oxytocin and vasopressin signalling and myometrial contraction. <i>Current Opinion in Physiology</i> , 2020, 13, 62-70.	1.8	17
6	Comparison of the myometrial transcriptome from singleton and twin pregnancies by RNA-Seq. <i>PLoS ONE</i> , 2020, 15, e0227882.	2.5	5
7	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
8	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
9	Gestational and Hormonal Effects on Magnesium Sulfate's Ability to Inhibit Mouse Uterine Contractility. <i>Reproductive Sciences</i> , 2019, , 193371911982808.	2.5	1
10	Contractility Measurements of Human Uterine Smooth Muscle to Aid Drug Development. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	21
11	Development of a human vasopressin V1a-receptor antagonist from an evolutionary-related insect neuropeptide. <i>Scientific Reports</i> , 2017, 7, 41002.	3.3	33
12	Subtle modifications to oxytocin produce ligands that retain potency and improved selectivity across species. <i>Science Signaling</i> , 2017, 10, .	3.6	34
13	The combination tocolytic effect of magnesium sulfate and an oxytocin receptor antagonist in myometrium from singleton and twin pregnancies. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 789.e1-789.e9.	1.3	13
14	Ethnobotanical survey of <i>Rinorea dentata</i> (Violaceae) used in South-Western Nigerian ethnomedicine and detection of cyclotides. <i>Journal of Ethnopharmacology</i> , 2016, 179, 83-91.	4.1	18
15	Differing In Vitro Potencies of Tocolytics and Progesterone in Myometrium From Singleton and Twin Pregnancies. <i>Reproductive Sciences</i> , 2016, 23, 98-111.	2.5	16
16	Hypoxia-induced force increase (HIFI) is a novel mechanism underlying the strengthening of labor contractions, produced by hypoxic stresses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9763-9768.	7.1	46
17	Myometrial physiology "time to translate?". <i>Experimental Physiology</i> , 2014, 99, 495-502.	2.0	32
18	Oxytocic plant cyclotides as templates for peptide G protein-coupled receptor ligand design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21183-21188.	7.1	129

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19	A Comparison of the Contractile Properties of Myometrium from Singleton and Twin Pregnancies. PLoS ONE, 2013, 8, e63800.	2.5	30
20	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
21	Poor Spontaneous and Oxytocin-Stimulated Contractility in Human Myometrium from Postdates Pregnancies. PLoS ONE, 2012, 7, e36787.	2.5	30
22	Drugs acting on the pregnant uterus. Obstetrics, Gynaecology and Reproductive Medicine, 2010, 20, 241-247.	0.3	48