

Rachel J Skow

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2473080/rachel-j-skow-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

1,049
citations

18
h-index

32
g-index

54
ext. papers

1,427
ext. citations

4.4
avg, IF

4.06
L-index

#	Paper	IF	Citations
47	Cerebrovascular and blood pressure responses during voluntary apneas are larger than rebreathing.. <i>European Journal of Applied Physiology</i> , 2022 , 122, 735	3.4	0
46	Prenatal Exercise and Cardiovascular Health (PEACH) Study: Impact on Muscle Sympathetic Nerve (Re)Activity. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1101-1113	1.2	7
45	Prenatal exercise and cardiovascular health (PEACH) study: impact of acute and chronic exercise on cerebrovascular hemodynamics and dynamic cerebral autoregulation. <i>Journal of Applied Physiology</i> , 2021 ,	3.7	1
44	Assessing static and dynamic sympathetic transduction using microneurography. <i>Journal of Applied Physiology</i> , 2021 , 130, 1626-1634	3.7	2
43	Leisure-Time Physical Activity before and during Pregnancy Is Associated with Improved Insulin Resistance in Late Pregnancy. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
42	The Effects of Moderate-to-Vigorous Physical Activity on Arterial Stiffness during Pregnancy. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
41	Prenatal exercise and cardiovascular health (PEACH) study: the remote effect of aerobic exercise training on conduit artery and resistance vessel function. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1459-1468	3	3
40	The sympathetic muscle metaboreflex is not different in the third trimester in normotensive pregnant women. <i>Journal of Applied Physiology</i> , 2021 , 130, 640-650	3.7	1
39	Prenatal Exercise and Cardiovascular Health (PEACH) Study: Impact on the Vascular System. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2605-2617	1.2	0
38	Blunted peripheral but not cerebral vasodilator function in young otherwise healthy adults with persistent symptoms following COVID-19. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H479-H484	5.2	9
37	Sympathetic neurovascular transduction following acute hypoxia. <i>Clinical Autonomic Research</i> , 2021 , 31, 755-765	4.3	0
36	Physical Activity in Pregnancy Is Associated with Increased Flow-mediated Dilation. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 801-809	1.2	4
35	Longitudinal study of cerebral blood flow regulation during exercise in pregnancy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 2278-2288	7.3	4
34	Sympathetic nervous system activity and reactivity in women with gestational diabetes mellitus. <i>Physiological Reports</i> , 2020 , 8, e14504	2.6	6
33	Mechanisms of sympathetic regulation during Apnea. <i>Physiological Reports</i> , 2019 , 7, e13991	2.6	6
32	Maternal cardioautonomic responses during and following exercise throughout pregnancy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 263-270	3	9
31	Peripheral chemoreceptor deactivation attenuates the sympathetic response to glucose ingestion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 389-396	3	7

30	Effects of prenatal exercise on fetal heart rate, umbilical and uterine blood flow: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 124-133	10.3	20
29	Effects of prenatal exercise on incidence of congenital anomalies and hyperthermia: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 116-123	10.3	18
28	Prenatal exercise is not associated with fetal mortality: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 108-115	10.3	26
27	Impact of prenatal exercise on maternal harms, labour and delivery outcomes: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 99-107	10.3	54
26	Exercise for the prevention and treatment of low back, pelvic girdle and lumbopelvic pain during pregnancy: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 90-98	10.3	47
25	Maternal Physical Activity Is Associated With Improved Blood Pressure Regulation During Late Pregnancy. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 485-491	3.8	11
24	Sympathetic neurovascular regulation during pregnancy: A longitudinal case series study. <i>Experimental Physiology</i> , 2018 , 103, 318-323	2.4	13
23	Prenatal exercise for the prevention of gestational diabetes mellitus and hypertensive disorders of pregnancy: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1367-1375	10.3	170
22	Impact of prenatal exercise on both prenatal and postnatal anxiety and depressive symptoms: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1376-1385	10.3	96
21	Prenatal exercise (including but not limited to pelvic floor muscle training) and urinary incontinence during and following pregnancy: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1397-1404	10.3	34
20	Glucose responses to acute and chronic exercise during pregnancy: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1357-1366	10.3	38
19	Impact of prenatal exercise on neonatal and childhood outcomes: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1386-1396	10.3	89
18	Effectiveness of exercise interventions in the prevention of excessive gestational weight gain and postpartum weight retention: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1347-1356	10.3	73
17	Intra-individual variability in cerebrovascular and respiratory chemosensitivity: Can we characterize a chemoreflex "reactivity profile"? <i>Respiratory Physiology and Neurobiology</i> , 2017 , 242, 30-39	2.8	6
16	Is Performance of a Modified Eucapnic Voluntary Hyperpnea Test in High Ventilation Athletes Reproducible?. <i>Allergy, Asthma and Immunology Research</i> , 2017 , 9, 229-236	5.3	1
15	Muscle sympathetic nerve activity and volume-regulating factors in healthy pregnant and nonpregnant women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H782-H787	5.2	16
14	The influence of prenatal exercise and pre-eclampsia on maternal vascular function. <i>Clinical Science</i> , 2017 , 131, 2223-2240	6.5	19
13	Central respiratory chemosensitivity and cerebrovascular CO2 reactivity: a rebreathing demonstration illustrating integrative human physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016 , 40, 79-92	1.9	11

12	The effects of superimposed tilt and lower body negative pressure on anterior and posterior cerebral circulations. <i>Physiological Reports</i> , 2016 , 4, e12957	2.6	14
11	Maternal Responses to Aerobic Exercise in Pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 2016 , 59, 541-517		26
10	Influence of prior hyperventilation duration on respiratory chemosensitivity and cerebrovascular reactivity during modified hyperoxic rebreathing. <i>Experimental Physiology</i> , 2016 , 101, 821-35	2.4	11
9	Quantifying cerebrovascular reactivity in anterior and posterior cerebral circulations during voluntary breath holding. <i>Experimental Physiology</i> , 2016 , 101, 1517-1527	2.4	20
8	Sympathetic baroreflex gain in normotensive pregnant women. <i>Journal of Applied Physiology</i> , 2015 , 119, 468-74	3.7	33
7	Regulation of sympathetic nerve activity during the cold pressor test in normotensive pregnant and nonpregnant women. <i>Hypertension</i> , 2015 , 66, 858-64	8.5	32
6	The ins and outs of breath holding: simple demonstrations of complex respiratory physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015 , 39, 223-31	1.9	16
5	Steady-state tilt has no effect on cerebrovascular CO ₂ reactivity in anterior and posterior cerebral circulations. <i>Experimental Physiology</i> , 2015 , 100, 839-51	2.4	20
4	Extreme respiratory sinus arrhythmia in response to superimposed head-down tilt and deep breathing. <i>Aviation, Space, and Environmental Medicine</i> , 2014 , 85, 1222-8		1
3	The effects of head-up and head-down tilt on central respiratory chemoreflex loop gain tested by hyperoxic rebreathing. <i>Progress in Brain Research</i> , 2014 , 212, 149-72	2.9	12
2	Test-retest reliability of eucapnic voluntary hyperpnea test performance and pre-post spirometry in elite swimmers (LB783). <i>FASEB Journal</i> , 2014 , 28, LB783	0.9	
1	Differential cerebrovascular CO ₂ reactivity in anterior and posterior cerebral circulations. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 189, 76-86	2.8	56