

Rachel J Skow

List of Publications by Citations

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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	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
46	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
45	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
44	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
43	Differential cerebrovascular CO ₂ reactivity in anterior and posterior cerebral circulations. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 189, 76-86	2.8	56
42	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
41	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
40	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
39	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
38	Sympathetic baroreflex gain in normotensive pregnant women. <i>Journal of Applied Physiology</i> , 2015 , 119, 468-74	3.7	33
37	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
36	Maternal Responses to Aerobic Exercise in Pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 2016 , 59, 541-517		26
35	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
34	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
33	Quantifying cerebrovascular reactivity in anterior and posterior cerebral circulations during voluntary breath holding. <i>Experimental Physiology</i> , 2016 , 101, 1517-1527	2.4	20
32	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
31	The influence of prenatal exercise and pre-eclampsia on maternal vascular function. <i>Clinical Science</i> , 2017 , 131, 2223-2240	6.5	19

30	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
29	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
28	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
27	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
26	Sympathetic neurovascular regulation during pregnancy: A longitudinal case series study. <i>Experimental Physiology</i> , 2018 , 103, 318-323	2.4	13
25	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
24	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
23	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
22	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
21	Maternal cardioautonomic responses during and following exercise throughout pregnancy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 263-270	3	9
20	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
19	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
18	Peripheral chemoreceptor deactivation attenuates the sympathetic response to glucose ingestion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 389-396	3	7
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	Mechanisms of sympathetic regulation during Apnea. <i>Physiological Reports</i> , 2019 , 7, e13991	2.6	6
15	Sympathetic nervous system activity and reactivity in women with gestational diabetes mellitus. <i>Physiological Reports</i> , 2020 , 8, e14504	2.6	6
14	Physical Activity in Pregnancy Is Associated with Increased Flow-mediated Dilatation. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 801-809	1.2	4
13	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

12	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
11	Assessing static and dynamic sympathetic transduction using microneurography. <i>Journal of Applied Physiology</i> , 2021 , 130, 1626-1634	3.7	2
10	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
9	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
8	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
7	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
6	The Effects of Moderate-to-Vigorous Physical Activity on Arterial Stiffness during Pregnancy. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
5	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
4	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
3	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
2	Sympathetic neurovascular transduction following acute hypoxia. <i>Clinical Autonomic Research</i> , 2021 , 31, 755-765	4.3	0
1	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	