

Rachel J Skow

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,752
citations

361045

20
h-index

288905

40
g-index

54
all docs

54
docs citations

54
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.1	318
2	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.	3.1	168
3	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.	3.1	147
4	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.	3.1	111
5	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.	3.1	98
6	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.	3.1	95
7	Differential cerebrovascular CO ₂ reactivity in anterior and posterior cerebral circulations. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 76-86.	0.7	70
8	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.	3.1	57
9	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.	3.1	54
10	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.	3.1	48
11	Regulation of Sympathetic Nerve Activity During the Cold Pressor Test in Normotensive Pregnant and Nonpregnant Women. <i>Hypertension</i> , 2015, 66, 858-864.	1.3	44
12	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.	1.5	39
13	Sympathetic baroreflex gain in normotensive pregnant women. <i>Journal of Applied Physiology</i> , 2015, 119, 468-474.	1.2	38
14	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.	3.1	31
15	Maternal Responses to Aerobic Exercise in Pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 2016, 59, 541-551.	0.6	30
16	The influence of prenatal exercise and pre-eclampsia on maternal vascular function. <i>Clinical Science</i> , 2017, 131, 2223-2240.	1.8	28
17	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, 223-231.	0.8	27
18	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.	3.1	25

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19	Steady-state tilt has no effect on cerebrovascular CO ₂ reactivity in anterior and posterior cerebral circulations. <i>Experimental Physiology</i> , 2015, 100, 839-851.	0.9	23
20	Quantifying cerebrovascular reactivity in anterior and posterior cerebral circulations during voluntary breath holding. <i>Experimental Physiology</i> , 2016, 101, 1517-1527.	0.9	23
21	Sympathetic neurovascular regulation during pregnancy: A longitudinal case series study. <i>Experimental Physiology</i> , 2018, 103, 318-323.	0.9	20
22	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.	1.5	19
23	The effects of superimposed tilt and lower body negative pressure on anterior and posterior cerebral circulations. <i>Physiological Reports</i> , 2016, 4, e12957.	0.7	18
24	Maternal Physical Activity Is Associated With Improved Blood Pressure Regulation During Late Pregnancy. <i>Canadian Journal of Cardiology</i> , 2018, 34, 485-491.	0.8	17
25	Impact of breakthrough COVID-19 cases during the omicron wave on vascular health and cardiac autonomic function in young adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H59-H64.	1.5	17
26	Central respiratory chemosensitivity and cerebrovascular CO ₂ reactivity: a rebreathing demonstration illustrating integrative human physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 79-92.	0.8	16
27	Maternal cardioautonomic responses during and following exercise throughout pregnancy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 263-270.	0.9	15
28	Influence of prior hyperventilation duration on respiratory chemosensitivity and cerebrovascular reactivity during modified hyperoxic rebreathing. <i>Experimental Physiology</i> , 2016, 101, 821-835.	0.9	14
29	Sympathetic nervous system activity and reactivity in women with gestational diabetes mellitus. <i>Physiological Reports</i> , 2020, 8, e14504.	0.7	14
30	On the use and misuse of cerebral hemodynamics terminology using transcranial Doppler ultrasound: a call for standardization. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H350-H357.	1.5	14
31	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, 149-172.	0.9	12
32	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.	0.2	12
33	Mechanisms of sympathetic regulation during Apnea. <i>Physiological Reports</i> , 2019, 7, e13991.	0.7	11
34	Impact of COVID-19 on ambulatory blood pressure in young adults: a cross-sectional analysis investigating time since diagnosis. <i>Journal of Applied Physiology</i> , 2022, 133, 183-190.	1.2	11
35	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.	0.7	8
36	Longitudinal study of cerebral blood flow regulation during exercise in pregnancy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2278-2288.	2.4	8

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37	Peripheral chemoreceptor deactivation attenuates the sympathetic response to glucose ingestion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 389-396.	0.9	7
38	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> , 2022, 132, 247-260.	1.2	7
39	Assessing static and dynamic sympathetic transduction using microneurography. <i>Journal of Applied Physiology</i> , 2021, 130, 1626-1634.	1.2	6
40	Physical Activity in Pregnancy Is Associated with Increased Flow-mediated Dilation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 801-809.	0.2	5
41	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.	1.2	5
42	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.	0.9	5
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, 4413.	1.2	4
44	Extreme Respiratory Sinus Arrhythmia in Response to Superimposed Head-Down Tilt and Deep Breathing. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 1222-1228.	0.6	2
45	Prenatal Exercise and Cardiovascular Health (PEACH) Study. <i>Medicine and Science in Sports and Exercise</i> , 2021, Publish Ahead of Print, 2605-2617.	0.2	2
46	Sympathetic neurovascular transduction following acute hypoxia. <i>Clinical Autonomic Research</i> , 2021, 31, 755-765.	1.4	2
47	Cerebrovascular and blood pressure responses during voluntary apneas are larger than rebreathing. <i>European Journal of Applied Physiology</i> , 2022, 122, 735.	1.2	2
48	Cardiac Baroreflex Sensitivity and Heart Rate Variability Following COVID-19 in Young Adults. <i>FASEB Journal</i> , 2022, 36, .	0.2	2
49	Is Performance of a Modified Eucapnic Voluntary Hyperpnea Test in High Ventilation Athletes Reproducible?. <i>Allergy, Asthma and Immunology Research</i> , 2017, 9, 229.	1.1	1
50	The Effects of Moderate-to-Vigorous Physical Activity on Arterial Stiffness during Pregnancy. <i>FASEB Journal</i> , 2021, 35, .	0.2	1
51	The effects of physical activity on arterial stiffness during pregnancy: an observational study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 234-242.	0.9	1
52	Test-retest reliability of eucapnic voluntary hyperpnea test performance and pre-post spirometry in elite swimmers (LB783). <i>FASEB Journal</i> , 2014, 28, LB783.	0.2	0
53	Resting Sympathetic Transduction in Young Healthy non-Hispanic Black Women: Potential Race and Sex Differences. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
54	Impact of COVID-19 on Ambulatory Daytime and Nighttime Blood Pressure in Young Otherwise Healthy Adults. <i>FASEB Journal</i> , 2022, 36, .	0.2	0