

Julia B Pitcher

List of Publications by Year in descending order

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41
papers

1,836
citations

331642

21
h-index

289230

40
g-index

42
all docs

42
docs citations

42
times ranked

2542
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in muscle responses to stimulation of the motor cortex induced by peripheral nerve stimulation in human subjects. <i>Experimental Brain Research</i> , 2000, 131, 135-143.	1.5	381
2	Age and sex differences in human motor cortex input-output characteristics. <i>Journal of Physiology</i> , 2003, 546, 605-613.	2.9	239
3	The application of spaced theta burst protocols induces long-lasting neuroplastic changes in the human motor cortex. <i>European Journal of Neuroscience</i> , 2012, 35, 125-134.	2.6	134
4	A comparison of two different continuous theta burst stimulation paradigms applied to the human primary motor cortex. <i>Clinical Neurophysiology</i> , 2012, 123, 2256-2263.	1.5	95
5	Inter- and intra-subject variability of motor cortex plasticity following continuous theta-burst stimulation. <i>Neuroscience</i> , 2015, 304, 266-278.	2.3	93
6	Age-related changes in short-latency motor cortex inhibition. <i>Experimental Brain Research</i> , 2009, 198, 489-500.	1.5	86
7	Reduced corticomotor excitability and motor skills development in children born preterm. <i>Journal of Physiology</i> , 2012, 590, 5827-5844.	2.9	84
8	Variability of Human Corticospinal Excitability Tracks the State of Action Preparation. <i>Journal of Neuroscience</i> , 2013, 33, 5564-5572.	3.6	58
9	INFLUENCE OF MUSCLE BLOOD FLOW ON FATIGUE DURING INTERMITTENT HUMAN HAND-GRIP EXERCISE AND RECOVERY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 471-476.	1.9	54
10	Spaced Noninvasive Brain Stimulation. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 714-721.	2.9	50
11	Physiological Evidence Consistent with Reduced Neuroplasticity in Human Adolescents Born Preterm. <i>Journal of Neuroscience</i> , 2012, 32, 16410-16416.	3.6	44
12	Frequency-dependent, bi-directional plasticity in motor cortex of human adults. <i>Clinical Neurophysiology</i> , 2003, 114, 1265-1271.	1.5	41
13	Neuroplastic Modulation of Inhibitory Motor Cortical Networks by Spaced Theta Burst Stimulation Protocols. <i>Brain Stimulation</i> , 2013, 6, 340-345.	1.6	40
14	Male human motor cortex stimulus-response characteristics are not altered by aging. <i>Journal of Applied Physiology</i> , 2011, 110, 206-212.	2.5	36
15	Programming the brain: Common outcomes and gaps in knowledge from animal studies of IUGR. <i>Physiology and Behavior</i> , 2016, 164, 233-248.	2.1	35
16	Probing changes in corticospinal excitability following theta burst stimulation of the human primary motor cortex. <i>Clinical Neurophysiology</i> , 2016, 127, 740-747.	1.5	34
17	Alterations in corticospinal excitability with imposed vs. voluntary fatigue in human hand muscles. <i>Journal of Applied Physiology</i> , 2002, 92, 2131-2138.	2.5	32
18	A comparison of two methods for estimating 50% of the maximal motor evoked potential. <i>Clinical Neurophysiology</i> , 2015, 126, 2337-2341.	1.5	31

#	ARTICLE	IF	CITATIONS
19	Cognitive Abilities in Preterm and Term-Born Adolescents. <i>Journal of Pediatrics</i> , 2014, 165, 170-177.	1.8	26
20	Combined transcranial alternating current stimulation and continuous theta burst stimulation: a novel approach for neuroplasticity induction. <i>European Journal of Neuroscience</i> , 2016, 43, 572-579.	2.6	25
21	Reduced Cortical Excitability, Neuroplasticity, and Salivary Cortisol in 11-13-Year-Old Children Born to Women with Gestational Diabetes Mellitus. <i>EBioMedicine</i> , 2018, 31, 143-149.	6.1	25
22	Motor System Development of the Preterm and Low Birthweight Infant. <i>Clinics in Perinatology</i> , 2011, 38, 605-625.	2.1	23
23	Cutaneous afferent input does not modulate motor intracortical inhibition in ageing men. <i>European Journal of Neuroscience</i> , 2011, 34, 1461-1469.	2.6	20
24	Prenatal Growth and Early Postnatal Influences on Adult Motor Cortical Excitability. <i>Pediatrics</i> , 2009, 124, e128-e136.	2.1	17
25	Growth in early life and the development of obesity by age 9 years: are there critical periods and a role for an early life stressor?. <i>International Journal of Obesity</i> , 2013, 37, 513-519.	3.4	16
26	Do I turn left or right? Effects of sex, age, experience and exit route on maze test performance in sheep. <i>Physiology and Behavior</i> , 2015, 139, 244-253.	2.1	16
27	Long-interval facilitation and inhibition are differentially affected by conditioning stimulus intensity over different time courses. <i>Neuroscience Letters</i> , 2014, 570, 114-118.	2.1	15
28	The cortisol awakening response is associated with performance of a serial sequence reaction time task. <i>International Journal of Psychophysiology</i> , 2016, 100, 12-18.	1.0	13
29	Age-related decline of neuroplasticity to intermittent theta burst stimulation of the lateral prefrontal cortex and its relationship with late-life memory performance. <i>Clinical Neurophysiology</i> , 2020, 131, 2181-2191.	1.5	13
30	Facilitation of cortically evoked potentials with motor imagery during post-exercise depression of corticospinal excitability. <i>Experimental Brain Research</i> , 2005, 160, 409-417.	1.5	10
31	The influence of motor function on processing speed in preterm and term-born children. <i>Child Neuropsychology</i> , 2017, 23, 300-315.	1.3	10
32	Antenatal steroid exposure in the late preterm period is associated with reduced cord blood neurotrophin-3. <i>Early Human Development</i> , 2016, 101, 57-62.	1.8	9
33	The influence of short-interval intracortical facilitation when assessing developmental changes in short-interval intracortical inhibition. <i>Neuroscience</i> , 2016, 312, 19-25.	2.3	7
34	Placental and fetal growth restriction, size at birth and neonatal growth alter cognitive function and behaviour in sheep in an age- and sex-specific manner. <i>Physiology and Behavior</i> , 2015, 152, 1-10.	2.1	6
35	Prenatal Programming of Human Motor Function. , 2006, , 41-57.		5
36	Variability of the cortisol awakening response and morning salivary oxytocin in late adolescence. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12645.	2.6	4

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37	Effects of induced placental and fetal growth restriction, size at birth and early neonatal growth on behavioural and brain structural lateralization in sheep. <i>Laterality</i> , 2017, 22, 560-589.	1.0	3
38	Cortical Plasticity and Interneuron Recruitment in Adolescents Born to Women with Gestational Diabetes Mellitus. <i>Brain Sciences</i> , 2021, 11, 388.	2.3	3
39	The influence of gestation length and birthweight centile on corticospinal development in children. <i>Brain Stimulation</i> , 2008, 1, 279.	1.6	1
40	P11-15 Gestation length and fetal growth have independent effects on corticospinal development in children: the PREMOCODE study. <i>Clinical Neurophysiology</i> , 2010, 121, S169.	1.5	1
41	Brain Stimulation in Children Born Preterm – Promises and Pitfalls. , 2016, , 237-255.		0