

Demetris S Soteropoulos

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,130
citations

516710

16
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	The mammalian spinal commissural system: properties and functions. <i>Journal of Neurophysiology</i> , 2020, 123, 4-21.	1.8	16
2	Rapid crossed responses in an intrinsic hand muscle during perturbed bimanual movements. <i>Journal of Neurophysiology</i> , 2020, 123, 630-644.	1.8	4
3	Long-latency Responses to a Mechanical Perturbation of the Index Finger Have a Spinal Component. <i>Journal of Neuroscience</i> , 2020, 40, 3933-3948.	3.6	16
4	Postural control of arm and fingers through integration of movement commands. <i>ELife</i> , 2020, 9, .	6.0	34
5	The Corticospinal Discrepancy: Where are all the Slow Pyramidal Tract Neurons?. <i>Cerebral Cortex</i> , 2019, 29, 3977-3981.	2.9	24
6	Classification of Neurons in the Primate Reticular Formation and Changes after Recovery from Pyramidal Tract Lesion. <i>Journal of Neuroscience</i> , 2018, 38, 6190-6206.	3.6	28
7	Corticospinal gating during action preparation and movement in the primate motor cortex. <i>Journal of Neurophysiology</i> , 2018, 119, 1538-1555.	1.8	18
8	Interhemispheric connectivity during bimanual isometric force generation. <i>Journal of Neurophysiology</i> , 2016, 115, 1196-1207.	1.8	28
9	Pathways mediating functional recovery. <i>Progress in Brain Research</i> , 2015, 218, 389-412.	1.4	79
10	Spinal Commissural Connections to Motoneurons Controlling the Primate Hand and Wrist. <i>Journal of Neuroscience</i> , 2013, 33, 9614-9625.	3.6	26
11	Corticomuscular coherence during bilateral isometric arm voluntary activity in healthy humans. <i>Journal of Neurophysiology</i> , 2012, 107, 2154-2162.	1.8	23
12	Changes in descending motor pathway connectivity after corticospinal tract lesion in macaque monkey. <i>Brain</i> , 2012, 135, 2277-2289.	7.6	285
13	Cells in the monkey ponto-medullary reticular formation modulate their activity with slow finger movements. <i>Journal of Physiology</i> , 2012, 590, 4011-4027.	2.9	92
14	Physiological changes underlying bilateral isometric arm voluntary contractions in healthy humans. <i>Journal of Neurophysiology</i> , 2011, 105, 1594-1602.	1.8	21
15	Lack of Evidence for Direct Corticospinal Contributions to Control of the Ipsilateral Forelimb in Monkey. <i>Journal of Neuroscience</i> , 2011, 31, 11208-11219.	3.6	99
16	Spinal interneuron circuits reduce approximately 10-Hz movement discontinuities by phase cancellation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11098-11103.	7.1	68
17	Coherence Between Motor Cortical Activity and Peripheral Discontinuities During Slow Finger Movements. <i>Journal of Neurophysiology</i> , 2009, 102, 1296-1309.	1.8	39
18	Quantifying Neural Coding of Event Timing. <i>Journal of Neurophysiology</i> , 2009, 101, 402-417.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Bilateral representation in the deep cerebellar nuclei. <i>Journal of Physiology</i> , 2008, 586, 1117-1136.	2.9	37
20	Different Contributions of the Corpus Callosum and Cerebellum to Motor Coordination in Monkey. <i>Journal of Neurophysiology</i> , 2007, 98, 2962-2973.	1.8	24
21	Cortico-Cerebellar Coherence During a Precision Grip Task in the Monkey. <i>Journal of Neurophysiology</i> , 2006, 95, 1194-1206.	1.8	148