Jack DiGiovanna

List of Publications by Year
in descending order

11 papers	1,433 citations	1163117 8 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	1896 citing authors

#	Article	IF	Citations
1	Multi-pronged neuromodulation intervention engages the residual motor circuitry to facilitate walking in a rat model of spinal cord injury. Nature Communications, 2021, 12, 1925.	12.8	35
2	Cancer Informatics for Cancer Centers: Scientific Drivers for Informatics, Data Science, and Care in Pediatric, Adolescent, and Young Adult Cancer. JCO Clinical Cancer Informatics, 2021, 5, 881-896.	2.1	3
3	Cancer Informatics for Cancer Centers (CI4CC): Building a Community Focused on Sharing Ideas and Best Practices to Improve Cancer Care and Patient Outcomes. JCO Clinical Cancer Informatics, 2020, 4, 108-116.	2.1	3
4	Closed-loop control of trunk posture improves locomotion through the regulation of leg proprioceptive feedback after spinal cord injury. Scientific Reports, 2018, 8, 76.	3.3	30
5	Brain-controlled modulation of spinal circuits improves recovery from spinal cord injury. Nature Communications, 2018, 9, 3015.	12.8	108
6	Engagement of the Rat Hindlimb Motor Cortex across Natural Locomotor Behaviors. Journal of Neuroscience, 2016, 36, 10440-10455.	3.6	60
7	Spatiotemporal neuromodulation therapies engaging muscle synergies improve motor control after spinal cord injury. Nature Medicine, 2016, 22, 138-145.	30.7	274
8	Closed-loop neuromodulation of spinal sensorimotor circuits controls refined locomotion after complete spinal cord injury. Science Translational Medicine, 2014, 6, 255ra133.	12.4	170
9	Corticospinal neuroprostheses to restore locomotion after spinal cord injury. Neuroscience Research, 2014, 78, 21-29.	1.9	47
10	Investigating ocular movements and Vestibular Evoked Potentials for a vestibular neuroprosthesis: Response to pulse trains and baseline stimulation. , 2013, , .		2
11	Restoring Voluntary Control of Locomotion after Paralyzing Spinal Cord Injury. Science, 2012, 336, 1182-1185.	12.6	701