

# Randall J Nelson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11357482/publications.pdf>

Version: 2024-02-01

16  
papers

2,064  
citations

840119

11  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Somatosensory cortical map changes following digit amputation in adult monkeys. <i>Journal of Comparative Neurology</i> , 1984, 224, 591-605.	0.9	1,299
2	Variability in hand surface representations in areas 3b and 1 in adult owl and squirrel monkeys. <i>Journal of Comparative Neurology</i> , 1987, 258, 281-296.	0.9	267
3	Simultaneous encoding of tactile information by three primate cortical areas. <i>Nature Neuroscience</i> , 1998, 1, 621-630.	7.1	187
4	Interactions between motor commands and somatic perception in sensorimotor cortex. <i>Current Opinion in Neurobiology</i> , 1996, 6, 801-810.	2.0	80
5	Motor Planning under Unpredictable Reward: Modulations of Movement Vigor and Primate Striatum Activity. <i>Frontiers in Neuroscience</i> , 2011, 5, 61.	1.4	79
6	High-frequency vibratory sensitive neurons in monkey primary somatosensory cortex: entrained and nonentrained responses to vibration during the performance of vibratory-cued hand movements. <i>Experimental Brain Research</i> , 1996, 111, 313-25.	0.7	39
7	Rhythmically firing (20-50 Hz) neurons in monkey primary somatosensory cortex: Activity patterns during initiation of vibratory-cued hand movements. <i>Journal of Computational Neuroscience</i> , 1995, 2, 313-334.	0.6	38
8	Ensuring due process in the IACUC and animal welfare setting: considerations in developing noncompliance policies and procedures for institutional animal care and use committees and institutional officials. <i>FASEB Journal</i> , 2017, 31, 4216-4225.	0.2	19
9	Enrichment and Nonhuman Primates: "First, Do No Harm". <i>ILAR Journal</i> , 2005, 46, 171-177.	1.8	17
10	Neuronal activity in primary motor cortex differs when monkeys perform somatosensory and visually guided wrist movements. <i>Experimental Brain Research</i> , 2005, 167, 571-586.	0.7	13
11	Administering a stay-at-home dental gross anatomy practical during COVID-19. <i>Journal of Dental Education</i> , 2020, 85, 939.	0.7	12
12	Neuronal activity in monkey primary somatosensory cortex is related to expectation of somatosensory and visual go-cues. <i>Experimental Brain Research</i> , 2007, 177, 540-550.	0.7	6
13	Monkey primary somatosensory cortical activity during the early reaction time period differs with cues that guide movements. <i>Experimental Brain Research</i> , 2008, 187, 349-358.	0.7	4
14	Neostriatal Neuronal Activity Correlates Better with Movement Kinematics under Certain Rewards. <i>Frontiers in Neuroscience</i> , 2016, 10, 336.	1.4	3
15	Detecting neuronal activity changes using an interspike interval algorithm compared with using visual inspection. <i>Journal of Neuroscience Methods</i> , 2006, 155, 49-55.	1.3	1
16	Behavioral Studies and the IACUC: Challenges and Opportunities. <i>ILAR Journal</i> , 2009, 50, 81-84.	1.8	0