

# Wei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3516336/publications.pdf>

Version: 2024-02-01

10  
papers

313  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticipatory Planning and Control of Grasp Positions and Forces for Dexterous Two-Digit Manipulation. <i>Journal of Neuroscience</i> , 2010, 30, 9117-9126.	3.6	145
2	Manipulation After Object Rotation Reveals Independent Sensorimotor Memory Representations of Digit Positions and Forces. <i>Journal of Neurophysiology</i> , 2010, 103, 2953-2964.	1.8	67
3	Effects of Carpal Tunnel Syndrome on Adaptation of Multi-Digit Forces to Object Weight for Whole-Hand Manipulation. <i>PLoS ONE</i> , 2011, 6, e27715.	2.5	34
4	Temporary Nerve Block at Selected Digits Revealed Hand Motor Deficits in Grasping Tasks. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 596.	2.0	18
5	Effects of Carpal Tunnel Syndrome on Dexterous Manipulation Are Grip Type-Dependent. <i>PLoS ONE</i> , 2013, 8, e53751.	2.5	18
6	Accurate production of time-varying patterns of the moment of force in multi-finger tasks. <i>Experimental Brain Research</i> , 2006, 175, 68-82.	1.5	15
7	Finger synergies during multi-finger cyclic production of moment of force. <i>Experimental Brain Research</i> , 2007, 177, 243-254.	1.5	9
8	A two-phase iterative machine learning method in identifying mechanical biomarkers of peripheral neuropathy. <i>Expert Systems With Applications</i> , 2021, 169, 114333.	7.6	4
9	Effect of Sensory Deprivation on Maximal Force Abilities from Local to Non-local Digits. <i>Journal of Motor Behavior</i> , 2020, 52, 58-70.	0.9	2
10	Force-stabilizing synergies can be retained by coordinating sensory-blocked and sensory-intact digits. <i>PLoS ONE</i> , 2019, 14, e0226596.	2.5	1