

Ben Godde

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

2,382

citations

25

h-index

48

g-index

76

ext. papers

2,727

ext. citations

3.4

avg, IF

5.06

L-index

#	Paper	IF	Citations
68	Cardiovascular and coordination training differentially improve cognitive performance and neural processing in older adults. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 26	3.3	237
67	Physical and motor fitness are both related to cognition in old age. <i>European Journal of Neuroscience</i> , 2010 , 31, 167-76	3.5	198
66	fMRI evaluation of somatotopic representation in human primary motor cortex. <i>NeuroImage</i> , 2000 , 11, 473-81	7.9	196
65	Tactile coactivation-induced changes in spatial discrimination performance. <i>Journal of Neuroscience</i> , 2000 , 20, 1597-604	6.6	193
64	Associative pairing of tactile stimulation induces somatosensory cortical reorganization in rats and humans. <i>NeuroReport</i> , 1996 , 8, 281-5	1.7	164
63	Not only cardiovascular, but also coordinative exercise increases hippocampal volume in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 170	5.3	115
62	Improvement and decline in tactile discrimination behavior after cortical plasticity induced by passive tactile coactivation. <i>Journal of Neuroscience</i> , 2004 , 24, 442-6	6.6	87
61	Effects of ageing on topographic organization of somatosensory cortex. <i>NeuroReport</i> , 1995 , 6, 469-73	1.7	80
60	Exercise-induced changes in basal ganglia volume and cognition in older adults. <i>Neuroscience</i> , 2014 , 281, 147-63	3.9	75
59	Age-related changes in primary somatosensory cortex of rats: evidence for parallel degenerative and plastic-adaptive processes. <i>Neuroscience and Biobehavioral Reviews</i> , 2002 , 26, 743-52	9	73
58	Spatio-temporal brain dynamics in a combined stimulus-stimulus and stimulus-response conflict task. <i>NeuroImage</i> , 2011 , 54, 622-34	7.9	62
57	Behavioral significance of input-dependent plasticity of human somatosensory cortex. <i>NeuroReport</i> , 2003 , 14, 543-6	1.7	56
56	Touch perception throughout working life: effects of age and expertise. <i>Experimental Brain Research</i> , 2012 , 216, 287-97	2.3	51
55	Plasticity of orientation preference maps in the visual cortex of adult cats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6352-7	11.5	50
54	More automation and less cognitive control of imagined walking movements in high- versus low-fit older adults. <i>Frontiers in Aging Neuroscience</i> , 2010 , 2,	5.3	36
53	Optical imaging of cat auditory cortex cochleotopic selectivity evoked by acute electrical stimulation of a multi-channel cochlear implant. <i>European Journal of Neuroscience</i> , 1997 , 9, 113-9	3.5	34
52	Effects of co-activation on cortical organization and discrimination performance. <i>NeuroReport</i> , 2004 , 15, 2669-72	1.7	32

51	Age-related differences in finger force control are characterized by reduced force production. <i>Experimental Brain Research</i> , 2013 , 224, 107-17	2.3	31
50	The Link Between Creativity, Cognition, and Creative Drives and Underlying Neural Mechanisms. <i>Frontiers in Neural Circuits</i> , 2019 , 13, 18	3.5	30
49	Don't Lose Your Brain at Work - The Role of Recurrent Novelty at Work in Cognitive and Brain Aging. <i>Frontiers in Psychology</i> , 2017 , 8, 117	3.4	29
48	EEG correlates of coordinate processing during intermanual transfer. <i>Experimental Brain Research</i> , 2004 , 159, 161-71	2.3	27
47	A map of periodicity orthogonal to frequency representation in the cat auditory cortex. <i>Frontiers in Integrative Neuroscience</i> , 2009 , 3, 27	3.2	26
46	Facilitating effect of 15-Hz repetitive transcranial magnetic stimulation on tactile perceptual learning. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 1577-85	3.1	26
45	Activity patterns of human somatosensory cortex adapt dynamically to stimulus properties. <i>NeuroReport</i> , 2000 , 11, 2977-80	1.7	26
44	Neural correlates of motor-cognitive dual-tasking in young and old adults. <i>PLoS ONE</i> , 2017 , 12, e0189025	3.7	26
43	Tactile stimulation interventions: influence of stimulation parameters on sensorimotor behavior and neurophysiological correlates in healthy and clinical samples. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 51, 126-37	9	24
42	Senior Dance Experience, Cognitive Performance, and Brain Volume in Older Women. <i>Neural Plasticity</i> , 2016 , 2016, 9837321	3.3	24
41	Optical imaging of rat somatosensory cortex reveals representational overlap as topographic principle. <i>NeuroReport</i> , 1995 , 7, 24-28	1.7	23
40	The Influence of Age and Work-Related Expertise on Fine Motor Control. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2012 , 25, 199-206	1	23
39	A parietal-to-frontal shift in the P300 is associated with compensation of tactile discrimination deficits in late middle-aged adults. <i>Psychophysiology</i> , 2013 , 50, 583-93	4.1	21
38	Cognitive Resources Necessary for Motor Control in Older Adults Are Reduced by Walking and Coordination Training. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 156	3.3	19
37	Coordinate processing during the left-to-right hand transfer investigated by EEG. <i>Experimental Brain Research</i> , 2006 , 168, 547-56	2.3	18
36	The Association Between Physical Activity and Attentional Control in Younger and Older Middle-Aged Adults. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2012 , 25, 207-221	1	15
35	Older adults reveal enhanced task-related beta power decreases during a force modulation task. <i>Behavioural Brain Research</i> , 2018 , 345, 104-113	3.4	14
34	Effects of age and fine motor expertise on the bilateral deficit in force initiation. <i>Experimental Brain Research</i> , 2013 , 231, 107-16	2.3	14

33	Auditory cortical plasticity under operation: reorganization of auditory cortex induced by electric cochlear stimulation reveals adaptation to altered sensory input statistics. <i>Speech Communication</i> , 2003 , 41, 201-219	2.8	14
32	Acute Exercise as an Intervention to Trigger Motor Performance and EEG Beta Activity in Older Adults. <i>Neural Plasticity</i> , 2018 , 2018, 4756785	3.3	14
31	Practice effects in bimanual force control: does age matter?. <i>Journal of Motor Behavior</i> , 2015 , 47, 57-72	1.4	12
30	Extensive occupational finger use delays age effects in tactile perception-an ERP study. <i>Attention, Perception, and Psychophysics</i> , 2014 , 76, 1160-75	2	12
29	Effects of transcranial direct current stimulation of left and right inferior frontal gyrus on creative divergent thinking are moderated by changes in inhibition control. <i>Brain Structure and Function</i> , 2020 , 225, 1691-1704	4	11
28	Feeling for space or for time: task-dependent modulation of the cortical representation of identical vibrotactile stimuli. <i>Neuroscience Letters</i> , 2010 , 480, 143-7	3.3	11
27	Optical imaging of rat somatosensory cortex reveals representational overlap as topographic principle. <i>NeuroReport</i> , 1995 , 7, 24-28	1.7	11
26	COMT gene polymorphisms, cognitive performance, and physical fitness in older adults. <i>Psychology of Sport and Exercise</i> , 2015 , 20, 20-28	4.2	10
25	High frequency sensory stimulation improves tactile but not motor performance in older adults. <i>Motor Control</i> , 2010 , 14, 460-77	1.3	10
24	Effects of repetitive transcranial magnetic stimulation (rTMS) on slow cortical potentials (SCP). <i>Supplements To Clinical Neurophysiology</i> , 2003 , 56, 331-7		10
23	A Non-linear Relationship Between Selective Attention and Associated ERP Markers Across the Lifespan. <i>Frontiers in Psychology</i> , 2019 , 10, 30	3.4	9
22	Dynamical signatures of isometric force control as a function of age, expertise, and task constraints. <i>Journal of Neurophysiology</i> , 2017 , 118, 176-186	3.2	7
21	Fit between workers' competencies and job demands as predictor for job performance over the work career. <i>Journal for Labour Market Research</i> , 2011 , 44, 339-347		7
20	The P3 Parietal-To-Frontal Shift Relates to Age-Related Slowing in a Selective Attention Task. <i>Journal of Psychophysiology</i> , 2017 , 31, 49-66	1	7
19	Effects of age and individual experiences on tactile perception over the life span in women. <i>Acta Psychologica</i> , 2018 , 190, 135-141	1.7	6
18	Effects of age and expertise on tactile learning in humans. <i>European Journal of Neuroscience</i> , 2014 , 40, 2589-99	3.5	6
17	Face recognition under ambiguous visual stimulation: fMRI correlates of "encoding styles". <i>Human Brain Mapping</i> , 2011 , 32, 1750-61	5.9	6
16	Benefits of Physical Activity and Fitness for Lifelong Cognitive and Motor Development <i>Brain and Behavior</i> 2016 , 43-73		6

15	Motor practice in a force modulation task in young and middle-aged adults. <i>Journal of Electromyography and Kinesiology</i> , 2018 , 38, 224-231	2.5	5
14	Age- and Expertise-Related Differences of Sensorimotor Network Dynamics during Force Control. <i>Neuroscience</i> , 2018 , 388, 203-213	3.9	5
13	Influence of Age and Expertise on Manual Dexterity in the Work Context: The Bremen-Hand-Study@Jacobs 2013 , 391-415		5
12	Training Motor Sequences: Effects of Speed and Accuracy Instructions. <i>Journal of Motor Behavior</i> , 2019 , 51, 540-550	1.4	5
11	Improved Neural Control of Movements Manifests in Expertise-Related Differences in Force Output and Brain Network Dynamics. <i>Frontiers in Physiology</i> , 2018 , 9, 1540	4.6	5
10	Moderate Cardiovascular Exercise Speeds Up Neural Markers of Stimulus Evaluation During Attentional Control Processes. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
9	Explaining Individual Differences in Fine Motor Performance and Learning in Older Adults: The Contribution of Muscle Strength and Cardiovascular Fitness. <i>Journal of Aging and Physical Activity</i> , 2019 , 27, 725-738	1.6	4
8	Effects of absolute luminance and luminance contrast on visual discrimination in low mesopic environments. <i>Attention, Perception, and Psychophysics</i> , 2017 , 79, 243-252	2	3
7	Not only age but also tactile perception influences the preference for cosmetic creams applied to the forearm. <i>International Journal of Cosmetic Science</i> , 2017 , 39, 344-350	2.7	3
6	The Chronic Exercise-Cognition Interaction in Older Adults 2016 , 295-320		3
5	Coarse coding accounts for improvement of spatial discrimination after plastic reorganization in rats and humans. <i>Lecture Notes in Computer Science</i> , 1997 , 55-60	0.9	2
4	Neural processing of arousing emotional information is associated with executive functioning in older adults. <i>Emotion</i> , 2020 , 20, 541-556	4.1	2
3	Effects of absolute luminance and luminance contrast on visual search in low mesopic environments. <i>Attention, Perception, and Psychophysics</i> , 2018 , 80, 1265-1277	2	1
2	Healthy Aging at Work 2016 , 69-84		
1	Emotionen und Altern. <i>Zeitschrift Fuer Medizinische Psychologie</i> , 2011 , 20, 159-169		