Thierry Hasbroucq

List of Publications by Year
in descending order

68	5,057	159585 30	102487 66
papers	citations	h-index	g-index

69	69	69	3402
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A measure of the interference effect distribution. Behavior Research Methods, 2020, 52, 1629-1639.	4.0	2
2	Wavelets statistical denoising (WaSDe): individual evoked potential extraction by multiâ€resolution wavelets decomposition and bootstrap. IET Signal Processing, 2019, 13, 348-355.	1.5	2
3	A Simon-like effect in Go/No-Go tasks performed in isolation. Psychonomic Bulletin and Review, 2019, 26, 1008-1019.	2.8	1
4	Errors and Action Monitoring: Errare Humanum Est Sed Corrigere Possibile. Frontiers in Human Neuroscience, 2019, 13, 453.	2.0	12
5	Subthalamic nucleus stimulation, dopaminergic treatment and impulsivity in Parkinson's disease. Neuropsychologia, 2018, 117, 167-177.	1.6	19
6	The Way We Do the Things We Do: How Cognitive Contexts Shape the Neural Dynamics of Motor Areas in Humans. Frontiers in Psychology, 2018, 9, 1296.	2.1	4
7	On-line action monitoring of response execution: An electrophysiological study. Biological Psychology, 2017, 129, 178-185.	2.2	13
8	Beyond decision! Motor contribution to speedâ€“accuracy trade-off in decision-making. Psychonomic Bulletin and Review, 2017, 24, 950-956.	2.8	44
9	Transcranial magnetic stimulation probes the excitability of the primary motor cortex: A framework to account for the facilitating effects of acute whole-body exercise on motor processes. Journal of Sport and Health Science, 2015, 4, 24-29.	6.5	13
10	Basics for sensorimotor information processing: some implications for learning. Frontiers in Psychology, 2015, 6, 33.	2.1	19
11	Spatial and temporal resolutions of EEG: Is it really black and white? A scalp current density view. International Journal of Psychophysiology, 2015, 97, 210-220.	1.0	261
12	Controlling Your Impulses: Electrical Stimulation of the Human Supplementary Motor Complex Prevents Impulsive Errors. Journal of Neuroscience, 2015, 35, 3010-3015.	3.6	40
13	Dopa therapy and action impulsivity: subthreshold error activation and suppression in Parkinsonâ€™s disease. Psychopharmacology, 2015, 232, 1735-1746.	3.1	15
14	Choking under monitoring pressure: being watched by the experimenter reduces executive attention. Psychonomic Bulletin and Review, 2015, 22, 1410-1416.	2.8	55
15	Linking EEG signals, brain functions and mental operations: Advantages of the Laplacian transformation. International Journal of Psychophysiology, 2015, 97, 221-232.	1.0	43
16	Dopamine precursors depletion impairs impulse control in healthy volunteers. Psychopharmacology, 2015, 232, 477-487.	3.1	27
17	Tactile stimulations and wheel rotation responses: toward augmented lane departure warning systems. Frontiers in Psychology, 2014, 5, 1045.	2.1	4
18	Distributional reaction time properties in the Eriksen task: marked differences or hidden similarities with the Simon task?. Psychonomic Bulletin and Review, 2014, 21, 1003-1010.	2.8	58

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19	Effects of hyperbaric nitrogen-induced narcosis on response-selection processes. Ergonomics, 2014, 57, 210-218.	2.1	3
20	The N-40: An electrophysiological marker of response selection. Biological Psychology, 2013, 93, 231-236.	2.2	12
21	Sleep deprivation affects the sensitivity of proactive and reactive action monitoring: A behavioural and ERP analysis. Biological Psychology, 2013, 93, 237-245.	2.2	6
22	How does temporal preparation speed up response implementation in choice tasks? Evidence for an early cortical activation. Psychophysiology, 2012, 49, 252-260.	2.4	20
23	Time-frequency and ERP analyses of EEG to characterize anticipatory postural adjustments in a bimanual load-lifting task. Frontiers in Human Neuroscience, 2011, 5, 163.	2.0	16
24	Executive control and response expectancy: A Laplacian ERP study. Psychophysiology, 2011, 48, 303-311.	2.4	31
25	An ERP study of cognitive architecture and the insertion of mental processes: Donders revisited. Psychophysiology, 2011, 48, 1242-1251.	2.4	37
26	Dynamics of Executive Control and Motor Deficits in Parkinsonian Rats. Journal of Neuroscience, 2011, 31, 11929-11933.	3.6	8
27	To Head or to Heed? Beyond the Surface of Selective Action Inhibition: A Review. Frontiers in Human Neuroscience, 2010, 4, 222.	2.0	164
28	Mechanisms and Dynamics of Cortical Motor Inhibition in the Stop-signal Paradigm: A TMS Study. Journal of Cognitive Neuroscience, 2010, 22, 225-239.	2.3	118
29	Rostral Cingulate Zone and correct response monitoring: ICA and source localization evidences for the unicity of correct- and error-negativities. NeuroImage, 2010, 51, 391-403.	4.2	141
30	Motor inhibition and response expectancy: A Laplacian ERP study. Biological Psychology, 2010, 85, 386-392.	2.2	28
31	Neural inhibition and interhemispheric connections in twoâ€choice reaction time: A Laplacian ERP study. Psychophysiology, 2009, 46, 726-730.	2.4	21
32	Stimulusâ€hand correspondence and direct response activation: An electromyographic analysis. Psychophysiology, 2009, 46, 1160-1169.	2.4	13
33	Sequential adjustments before and after partial errors. Psychonomic Bulletin and Review, 2009, 16, 356-362.	2.8	30
34	Spatio-temporal dynamics of reach-related neural activity for visual and somatosensory targets. NeuroImage, 2009, 47, 1767-1777.	4.2	21
35	Decision Making in Elite White-Water Athletes Paddling on a Kayak Ergometer. Journal of Sport and Exercise Psychology, 2009, 31, 554-565.	1.2	13
36	Error Negativity Does Not Reflect Conflict: A Reappraisal of Conflict Monitoring and Anterior Cingulate Cortex Activity. Journal of Cognitive Neuroscience, 2008, 20, 1637-1655.	2.3	140

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37	The dual nature of time preparation: neural activation and suppression revealed by transcranial magnetic stimulation of the motor cortex. European Journal of Neuroscience, 2007, 25, 3766-3774.	2.6	123
38	Physical exercise facilitates motor processes in simple reaction time performance: An electromyographic analysis. Neuroscience Letters, 2006, 396, 54-56.	2.1	80
39	Knowing when to respond and the efficiency of the cortical motor command: A Laplacian ERP study. Brain Research, 2006, 1109, 158-163.	2.2	21
40	Information processing during physical exercise: a chronometric and electromyographic study. Experimental Brain Research, 2005, 165, 532-540.	1.5	94
41	Sequential Compatibility Effects and Cognitive Control: Does Conflict Really Matter?. Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 831-837.	0.9	38
42	An Electromyographic Examination of Response Execution and Inhibition in Between-Hand Choice Reaction Time. Journal of Psychophysiology, 2005, 19, 330-336.	0.7	4
43	On-line executive control: An electromyographic study. Psychophysiology, 2004, 41, 113-116.	2.4	37
44	Physiological evidence for response inhibition in choice reaction time tasks. Brain and Cognition, 2004, 56, 153-164.	1.8	183
45	An electromyographic analysis of the effect of levodopa on the response time of healthy subjects. Psychopharmacology, 2003, 165, 313-316.	3.1	16
46	The nature of unilateral motor commands in between-hand choice tasks as revealed by surface Laplacian estimation. Psychophysiology, 2003, 40, 796-805.	2.4	89
47	Partial advance information, number of alternatives, and motor processes: an electromyographic study. Acta Psychologica, 2002, 111, 125-139.	1.5	30
48	Dopamine and human information processing: a reaction-time analysis of the effect of levodopa in healthy subjects. Psychopharmacology, 2002, 163, 62-67.	3.1	39
49	Executive control in the Simon effect: an electromyographic and distributional analysis. Psychological Research, 2002, 66, 324-336.	1.7	197
50	A transcranial magnetic stimulation study of information processing in the motor cortex: Relationship between the silent period and the reaction time delay. Psychophysiology, 2002, 39, 207-217.	2.4	71
51	A transcranial magnetic stimulation study of information processing in the motor cortex: Relationship between the silent period and the reaction time delay. Psychophysiology, 2002, 39, 207-217.	2.4	29
52	An electromyographic investigation of the effect of stimulus-response mapping on choice reaction time. Psychophysiology, 2001, 38, 157-162.	2.4	16
53	The chronometry of single neuron activity: Testing discrete and continuous models of information processing.. Journal of Experimental Psychology: Human Perception and Performance, 2000, 26, 1622-1638.	0.9	18
54	Changes in spinal excitability during choice reaction time: The H reflex as a probe of information transmission. Psychophysiology, 2000, 37, 385-393.	2.4	36

#	Article	IF	Citations
55	Effect of the irrelevant location of the response signal on choice reaction time: An electromyographic study in humans. Psychophysiology, 1999, 36, 522-526.	2.4	63
56	Cortico-spinal inhibition reflects time but not event preparation: neural mechanisms of preparation dissociated by transcranial magnetic stimulation. Acta Psychologica, 1999, 101, 243-266.	1.5	71
57	Serotonin and human information processing: an electromyographic study of the effects of fluvoxamine on choice reaction time. Neuroscience Letters, 1999, 265, 143-146.	2.1	15
58	Preparatory inhibition of cortico-spinal excitability: a transcranial magnetic stimulation study in man. Cognitive Brain Research, 1997, 5, 185-192.	3.0	108
59	Motor cortex involvement during choice reaction time: a transcranial magnetic stimulation study in man. Brain Research, 1997, 755, 181-192.	2.2	33
60	Does irrelevant stimulus location affect response selection?. Canadian Journal of Experimental Psychology, 1995, 49, 349-356.	0.8	6
61	A comparison of tactile, auditory, and visual feedback in a pointing task using a mouse-type device. Ergonomics, 1995, 38, 816-827.	2.1	173
62	Finger Pairings in Two-Choice Reaction Time Tasks: Does the Between-Hands Advantage Reflect Response Preparation?. Journal of Motor Behavior, 1995, 27, 251-262.	0.9	58
63	QUANTITATIVE ANALYSIS OF CORTICAL NEURAL ACTIVITY DURING SENSORY-MOTOR INTEGRATION. Biomechanisms, 1994, 12, 185-198.	0.1	0
64	The effects of intensity and irrelevant location of a tactile stimulation in a choice reaction time task. Neuropsychologia, 1992, 30, 91-94.	1.6	29
65	Stimulus-response compatibility and the Simon effect: Toward a conceptual clarification.. Journal of Experimental Psychology: Human Perception and Performance, 1991, 17, 246-266.	0.9	113
66	Dimensional overlap: Cognitive basis for stimulus-response compatibility--A model and taxonomy.. Psychological Review, 1990, 97, 253-270.	3.8	1,801
67	Chapitre 14. ContrÃ1le dâ€™exÃ©cution et gestion cognitive des erreurs dâ€™action. , 0, , 273-288.		0
68	On the Comparison Between the Nc/CRN and the Ne/ERN. Frontiers in Human Neuroscience, 0, 15, .	2.0	6