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	Dimensional overlap: Cognitive basis for stimulus-response compatibility--A model and taxonomy.. Psychological Review, 1990, 97, 253-270.	3.8	1,801
2	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
3	Executive control in the Simon effect: an electromyographic and distributional analysis. Psychological Research, 2002, 66, 324-336.	1.7	197
4	Physiological evidence for response inhibition in choice reaction time tasks. Brain and Cognition, 2004, 56, 153-164.	1.8	183
5	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
6	To Head or to Heed? Beyond the Surface of Selective Action Inhibition: A Review. Frontiers in Human Neuroscience, 2010, 4, 222.	2.0	164
7	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
8	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
9	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
10	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
11	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
12	Preparatory inhibition of cortico-spinal excitability: a transcranial magnetic stimulation study in man. Cognitive Brain Research, 1997, 5, 185-192.	3.0	108
13	Information processing during physical exercise: a chronometric and electromyographic study. Experimental Brain Research, 2005, 165, 532-540.	1.5	94
14	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
15	Physical exercise facilitates motor processes in simple reaction time performance: An electromyographic analysis. Neuroscience Letters, 2006, 396, 54-56.	2.1	80
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	Choking under monitoring pressure: being watched by the experimenter reduces executive attention. Psychonomic Bulletin and Review, 2015, 22, 1410-1416.	2.8	55
22	Beyond decision! Motor contribution to speedâ€“accuracy trade-off in decision-making. Psychonomic Bulletin and Review, 2017, 24, 950-956.	2.8	44
23	Linking EEG signals, brain functions and mental operations: Advantages of the Laplacian transformation. International Journal of Psychophysiology, 2015, 97, 221-232.	1.0	43
24	Controlling Your Impulses: Electrical Stimulation of the Human Supplementary Motor Complex Prevents Impulsive Errors. Journal of Neuroscience, 2015, 35, 3010-3015.	3.6	40
25	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
26	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
27	On-line executive control: An electromyographic study. Psychophysiology, 2004, 41, 113-116.	2.4	37
28	An ERP study of cognitive architecture and the insertion of mental processes: Donders revisited. Psychophysiology, 2011, 48, 1242-1251.	2.4	37
29	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
30	Motor cortex involvement during choice reaction time: a transcranial magnetic stimulation study in man. Brain Research, 1997, 755, 181-192.	2.2	33
31	Executive control and response expectancy: A Laplacian ERP study. Psychophysiology, 2011, 48, 303-311.	2.4	31
32	Partial advance information, number of alternatives, and motor processes: an electromyographic study. Acta Psychologica, 2002, 111, 125-139.	1.5	30
33	Sequential adjustments before and after partial errors. Psychonomic Bulletin and Review, 2009, 16, 356-362.	2.8	30
34	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
35	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
36	Motor inhibition and response expectancy: A Laplacian ERP study. Biological Psychology, 2010, 85, 386-392.	2.2	28

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37	Dopamine precursors depletion impairs impulse control in healthy volunteers. Psychopharmacology, 2015, 232, 477-487.	3.1	27
38	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
39	Neural inhibition and interhemispheric connections in twoâ€choice reaction time: A Laplacian ERP study. Psychophysiology, 2009, 46, 726-730.	2.4	21
40	Spatio-temporal dynamics of reach-related neural activity for visual and somatosensory targets. NeuroImage, 2009, 47, 1767-1777.	4.2	21
41	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
42	Basics for sensorimotor information processing: some implications for learning. Frontiers in Psychology, 2015, 6, 33.	2.1	19
43	Subthalamic nucleus stimulation, dopaminergic treatment and impulsivity in Parkinson's disease. Neuropsychologia, 2018, 117, 167-177.	1.6	19
44	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
45	An electromyographic investigation of the effect of stimulus-response mapping on choice reaction time. Psychophysiology, 2001, 38, 157-162.	2.4	16
46	An electromyographic analysis of the effect of levodopa on the response time of healthy subjects. Psychopharmacology, 2003, 165, 313-316.	3.1	16
47	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
48	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
49	Dopa therapy and action impulsivity: subthreshold error activation and suppression in Parkinsonâ€™s disease. Psychopharmacology, 2015, 232, 1735-1746.	3.1	15
50	Stimulusâ€hand correspondence and direct response activation: An electromyographic analysis. Psychophysiology, 2009, 46, 1160-1169.	2.4	13
51	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
52	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
53	On-line action monitoring of response execution: An electrophysiological study. Biological Psychology, 2017, 129, 178-185.	2.2	13
54	The N-40: An electrophysiological marker of response selection. Biological Psychology, 2013, 93, 231-236.	2.2	12

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55	Errors and Action Monitoring: Errare Humanum Est Sed Corrigere Possibile. Frontiers in Human Neuroscience, 2019, 13, 453.	2.0	12
56	Dynamics of Executive Control and Motor Deficits in Parkinsonian Rats. Journal of Neuroscience, 2011, 31, 11929-11933.	3.6	8
57	Does irrelevant stimulus location affect response selection?. Canadian Journal of Experimental Psychology, 1995, 49, 349-356.	0.8	6
58	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
59	On the Comparison Between the Nc/CRN and the Ne/ERN. Frontiers in Human Neuroscience, 0, 15, .	2.0	6
60	Tactile stimulations and wheel rotation responses: toward augmented lane departure warning systems. Frontiers in Psychology, 2014, 5, 1045.	2.1	4
61	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
62	An Electromyographic Examination of Response Execution and Inhibition in Between-Hand Choice Reaction Time. Journal of Psychophysiology, 2005, 19, 330-336.	0.7	4
63	Effects of hyperbaric nitrogen-induced narcosis on response-selection processes. Ergonomics, 2014, 57, 210-218.	2.1	3
64	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
65	A measure of the interference effect distribution. Behavior Research Methods, 2020, 52, 1629-1639.	4.0	2
66	A Simon-like effect in Go/No-Go tasks performed in isolation. Psychonomic Bulletin and Review, 2019, 26, 1008-1019.	2.8	1
67	QUANTITATIVE ANALYSIS OF CORTICAL NEURAL ACTIVITY DURING SENSORY-MOTOR INTEGRATION. Biomechanisms, 1994, 12, 185-198.	0.1	0
68	Chapitre 14. ContrÃ1e dâ€™exÃ©cution et gestion cognitive des erreurs dâ€™action. , 0, , 273-288.		0