

Sylvan Kornblum

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24
papers

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25
ext. papers

5,093
ext. citations

3.4
avg, IF

4.99
L-index

#	Paper	IF	Citations
24	Dimensional overlap: cognitive basis for stimulus-response compatibility--a model and taxonomy. <i>Psychological Review</i> , 1990 , 97, 253-70	6.3	1582
23	Optimality in human motor performance: ideal control of rapid aimed movements. <i>Psychological Review</i> , 1988 , 95, 340-70	6.3	1075
22	Isolation of specific interference processing in the Stroop task: PET activation studies. <i>NeuroImage</i> , 1997 , 6, 81-92	7.9	231
21	Speed and accuracy of saccadic eye movements: Characteristics of impulse variability in the oculomotor system.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1989 , 15, 529-543	2.6	200
20	Stimulus-response compatibility with relevant and irrelevant stimulus dimensions that do and do not overlap with the response.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995 , 21, 855-875	2.6	199
19	The way irrelevant dimensions are processed depends on what they overlap with: the case of Stroop- and Simon-like stimuli. <i>Psychological Research</i> , 1994 , 56, 130-5	2.5	193
18	Eye-hand coordination: Oculomotor control in rapid aimed limb movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990 , 16, 248-267	2.6	174
17	A priming method for investigating the selection of motor responses. <i>Acta Psychologica</i> , 1982 , 51, 223-243	2.4	156
16	A parallel distributed processing model of stimulus-stimulus and stimulus-response compatibility. <i>Cognitive Psychology</i> , 1999 , 38, 386-432	3.1	144
15	The point of no return in choice reaction time: Controlled and ballistic stages of response preparation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1986 , 12, 243-258	2.6	142
14	The effects of irrelevant stimuli: 1. The time course of stimulus-stimulus and stimulus-response consistency effects with Stroop-like stimuli, Simon-like tasks, and their factorial combinations.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999 , 25, 688-714	2.6	121
13	Dynamics of single neuron activity in monkey primary motor cortex related to sensorimotor transformation. <i>Journal of Neuroscience</i> , 1997 , 17, 2227-46	6.6	111
12	Response competition and/or inhibition in two-choice reaction time. <i>Learning and Behavior</i> , 1965 , 2, 55-56		92
11	Changes in medial cortical blood flow with a stimulus-response compatibility task. <i>Neuropsychologia</i> , 1994 , 32, 249-55	3.2	88
10	Distributional analysis and De Jong, Liang, and Lauber's (1994) dual-process model of the Simon effect.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1997 , 23, 1543-1551	2.6	59
9	The effects of stimulus-response mapping and irrelevant stimulus-response and stimulus-stimulus overlap in four-choice Stroop tasks with single-carrier stimuli.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1998 , 24, 3-19	2.6	58
8	Simple reaction time as a race between signal detection and time estimation: A paradigm and model. <i>Perception & Psychophysics</i> , 1973 , 13, 108-112		45

7	Neuronal correlates of sensorimotor association in stimulus-response compatibility.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1997 , 23, 1708-1726	2.6	43
6	The additivity of stimulus-response compatibility with the effects of sensory and motor factors in a tactile choice reaction time task. <i>Acta Psychologica</i> , 1989 , 72, 139-144	1.7	30
5	Stimulus-response compatibility effects in go-no-go tasks: a dimensional overlap account. <i>Perception & Psychophysics</i> , 1999 , 61, 1613-23		25
4	Neuronal coding of stimulus-response association rules in the motor cortex. <i>NeuroReport</i> , 1994 , 5, 2462-4.7	4.7	25
3	Negative priming and stimulus-response compatibility. <i>Psychonomic Bulletin and Review</i> , 1996 , 3, 510-4	4.1	14
2	Stimulus-Response Coding in Four Classes of Stimulus-Response Ensembles 1991 , 3-15		3
1	Commentary on Proctor and Wang. <i>Advances in Psychology</i> , 1997 , 118, 39-44		