## Robert W Proctor

List of Publications by Year in descending order

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274 papers

9,229 citations

45 h-index 83 g-index

276 all docs

276 docs citations

times ranked

276

4149 citing authors

#	Article	IF	CITATIONS
1	The influence of irrelevant location information on performance: A review of the Simon and spatial Stroop effects. Psychonomic Bulletin and Review, 1995, 2, 174-207.	1.4	818
2	A feature-integration account of sequential effects in the Simon task. Psychological Research, 2004, 68, 1-17.	1.0	552
3	A review of contemporary ideomotor theory Psychological Bulletin, 2010, 136, 943-974.	5.5	512
4	Polarity correspondence: A general principle for performance of speeded binary classification tasks Psychological Bulletin, 2006, 132, 416-442.	5.5	430
5	A unified theory for matching-task phenomena Psychological Review, 1981, 88, 291-326.	2.7	214
6	Can Traditional Divergent Thinking Tests Be Trusted in Measuring and Predicting Real-World Creativity?. Creativity Research Journal, 2011, 23, 24-37.	1.7	211
7	Stimulus-response compatibility and psychological refractory period effects: Implications for response selection. Psychonomic Bulletin and Review, 2002, 9, 212-238.	1.4	180
8	Information retention from PowerPointâ,,¢ and traditional lectures. Computers and Education, 2009, 52, 858-867.	5.1	138
9	Processing irrelevant location information: Practice and transfer effects in choice-reaction tasks. Memory and Cognition, 1999, 27, 63-77.	0.9	137
10	Reaction time distribution analysis of spatial correspondence effects. Psychonomic Bulletin and Review, 2011, 18, 242-266.	1.4	133
11	Salient-features coding in the translation between orthogonal stimulus and response dimensions Journal of Experimental Psychology: General, 1990, 119, 355-366.	1.5	131
12	A comparison of two response time models applied to perceptual matching. Psychonomic Bulletin and Review, 2000, 7, 208-256.	1.4	131
13	Salient-feature coding operations in spatial precuing tasks Journal of Experimental Psychology: Human Perception and Performance, 1986, 12, 277-285.	0.7	128
14	Multiple spatial codes and temporal overlap in choice-reaction tasks. Psychological Research, 1996, 59, 196-211.	1.0	124
15	Stimulus and response representations underlying orthogonal stimulus-response compatibility effects. Psychonomic Bulletin and Review, 2003, 10, 45-73.	1.4	102
16	The object-based Simon effect: Grasping affordance or relative location of the graspable part?. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 853-861.	0.7	92
17	Usability and Security An Appraisal of Usability Issues in Information Security Methods. Computers and Security, 2001, 20, 620-634.	4.0	90
18	Evidence that thesame-different disparity in letter matching is not attributable to response bias. Perception & Psychophysics, 1983, 34, 72-76.	2.3	86

#	Article	IF	CITATIONS
19	Sources of color-word interference in the Stroop color-naming task. Perception & Psychophysics, 1978, 23, 413-419.	2.3	79
20	Persistence of stimulus-response compatibility effects with extended practice Journal of Experimental Psychology: Learning Memory and Cognition, 1992, 18, 801-809.	0.7	78
21	Determinants of right–left and top–bottom prevalence for two-dimensional spatial compatibility Journal of Experimental Psychology: Human Perception and Performance, 2001, 27, 813-828.	0.7	72
22	Empirical evaluation and justification of methodologies in psychological science Psychological Bulletin, 2001, 127, 759-772.	5.5	70
23	Task switching and response correspondence in the psychological refractory period paradigm Journal of Experimental Psychology: Human Perception and Performance, 2003, 29, 692-712.	0.7	70
24	Compatibility effects in the assignment of symbolic stimuli to discrete finger responses Journal of Experimental Psychology: Human Perception and Performance, 1985, 11, 623-639.	0.7	69
25	Repetition effects with categorizable stimulus and response sets Journal of Experimental Psychology: Learning Memory and Cognition, 1993, 19, 1345-1362.	0.7	64
26	Improving the Science Education of Psychology Students: Better Teaching of Methodology. Teaching of Psychology, 2001, 28, 173-181.	0.7	64
27	Spatial coding in two dimensions. Psychonomic Bulletin and Review, 2006, 13, 201-216.	1.4	63
28	The enhanced Simon effect for older adults is reduced when the irrelevant location information is conveyed by an accessory stimulus. Acta Psychologica, 2005, 119, 21-40.	0.7	59
29	Salience of stimulus and response features in choice-reaction tasks. Perception & Psychophysics, 1992, 52, 453-460.	2.3	58
30	Mixing compatible and incompatible mappings: Elimination, reduction, and enhancement of spatial compatibility effects. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 539-556.	2.3	58
31	Referential coding and attention-shifting accounts of the Simon effect. Psychological Research, 1994, 56, 185-195.	1.0	56
32	The Role of Human Factors/Ergonomics in the Science of Security. Human Factors, 2015, 57, 721-727.	2.1	55
33	Hick's law for choice reaction time: A review. Quarterly Journal of Experimental Psychology, 2018, 71, 1281-1299.	0.6	55
34	Stimulus–response compatibility as a function of stimulus code and response modality Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 1201-1217.	0.7	55
35	How psychologists help solve real-world problems in multidisciplinary research teams: Introduction to the special issue American Psychologist, 2019, 74, 271-277.	3.8	55
36	Cumulative Knowledge and Progress in Human Factors. Annual Review of Psychology, 2010, 61, 623-651.	9.9	53

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37	Correspondence effects for objects with opposing left and right protrusions Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 737-749.	0.7	52
38	Multidimensional vector model of stimulus–response compatibility Psychological Review, 2012, 119, 272-303.	2.7	52
39	Effective Risk Communication for Android Apps. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 252-265.	3.7	51
40	Mixing incompatibly mapped location-relevant trials with location-irrelevant trials: effects of stimulus mode on the reverse Simon effect. Psychological Research, 2000, 64, 11-24.	1.0	50
41	Aging and Response Selection in Spatial Choice Tasks. Human Factors, 2005, 47, 250-270.	2.1	50
42	On the Evolution of a Radical Concept: Affordances According to Gibson and Their Subsequent Use and Development. Perspectives on Psychological Science, 2020, 15, 117-132.	5.2	50
43	Mixing location-irrelevant and location-relevant trials: Influence of stimulus mode on spatial compatibility effects. Memory and Cognition, 2002, 30, 281-293.	0.9	49
44	Attentional origins of the Simon effect: Behavioral and electrophysiological evidence. Brain Research, 2008, 1215, 147-159.	1.1	49
45	Dual-Task Performance With Ideomotor-Compatible Tasks: Is the Central Processing Bottleneck Intact, Bypassed, or Shifted in Locus?. Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 122-144.	0.7	48
46	Does right-left prevalence occur for the Simon effect?. Perception & Psychophysics, 2003, 65, 1318-1329.	2.3	47
47	Enhancement of the Simon effect by response precuing. Acta Psychologica, 1992, 81, 53-74.	0.7	45
48	Influence of visual stimulus mode on transfer of acquired spatial associations Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 434-445.	0.7	45
49	Transfer effects of incompatible location-relevant mappings on a subsequent visual or auditory Simon task. Memory and Cognition, 2003, 31, 1146-1152.	0.9	44
50	Do the same stimulus-response relations influence choice reactions initially and after practice?. Journal of Experimental Psychology: Learning Memory and Cognition, 1993, 19, 922-930.	0.7	43
51	Activation of response codes by relevant and irrelevant stimulus information. Acta Psychologica, 1995, 90, 275-286.	0.7	43
52	Content Preparation and Management for Web Design: Eliciting, Structuring, Searching, and Displaying Information. International Journal of Human-Computer Interaction, 2002, 14, 25-92.	3.3	43
53	The prevalence effect in two-dimensional stimulus-response compatibility is a function of the relative salience of the dimensions. Perception & Psychophysics, 2002, 64, 815-828.	2.3	43
54	Object-based correspondence effects for action-relevant and surface-property judgments with keypress responses: evidence for a basis in spatial coding. Psychological Research, 2013, 77, 618-636.	1.0	43

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55	Study-phase processing and the word frequency effect in recognition memory Journal of Experimental Psychology: Learning Memory and Cognition, 1984, 10, 386-394.	0.7	42
56	Ideomotor compatibility in the psychological refractory period effect: 29 years of oversimplification Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 396-409.	0.7	42
57	Stimulus-response compatibility with pure and mixed mappings in a flight task environment Journal of Experimental Psychology: Applied, 2006, 12, 207-222.	0.9	42
58	Vertical versus horizontal spatial compatibility: Right-left prevalence with bimanual responses. Psychological Research, 2000, 64, 25-40.	1.0	41
59	Auditory stimulus-response compatibility: Is there a contribution of stimulus-hand correspondence?. Psychological Research, 2000, 63, 148-158.	1.0	40
60	Playing the Simon game: Use of the Simon task for investigating human information processing. Acta Psychologica, 2011, 136, 182-188.	0.7	39
61	Response-repetition effects in task switching—Dissociating effects of anatomical and spatial response discriminability. Acta Psychologica, 2011, 136, 399-404.	0.7	39
62	Determinants of Two-Choice Reaction-Time Patterns for Same-Hand and Different-Hand Finger Pairings. Journal of Motor Behavior, 1988, 20, 317-340.	0.5	37
63	The Cognitive Revolution at Age 50: Has the Promise of the Human Information-Processing Approach Been Fulfilled?. International Journal of Human-Computer Interaction, 2006, 21, 253-284.	3.3	37
64	Referential coding contributes to the horizontal SMARC effect Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 726-734.	0.7	36
65	Stroop dilution depends on the nature of the color carrier but not on its location Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 826-839.	0.7	35
66	Polarity Correspondence as a General Compatibility Principle. Current Directions in Psychological Science, 2015, 24, 446-451.	2.8	35
67	Ideomotor compatibility in the psychological refractory period effect: 29 years of oversimplification Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 396-409.	0.7	35
68	The Simon Effect With Wheel-Rotation Responses. Journal of Motor Behavior, 2003, 35, 261-273.	0.5	34
69	Principles for Designing Interfaces Compatible With Human Information Processing. International Journal of Human-Computer Interaction, 2016, 32, 2-22.	3.3	32
70	Does the Concept of Affordance Add Anything to Explanations of Stimulus–Response Compatibility Effects?. Psychology of Learning and Motivation - Advances in Research and Theory, 2014, 60, 227-266.	0.5	31
71	Influence of Risk/Safety Information Framing on Android App-Installation Decisions. Journal of Cognitive Engineering and Decision Making, 2015, 9, 149-168.	0.9	31
72	NaÃ⁻ve and experienced judgments of stimuluS—Response compatibility: implications for interface design. Ergonomics, 2003, 46, 169-187.	1.1	30

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73	Age differences in response selection for pure and mixed stimulus–response mappings and tasks. Acta Psychologica, 2008, 129, 49-60.	0.7	30
74	Testing boundary conditions of the ideomotor hypothesis using a delayed response task. Acta Psychologica, 2012, 141, 360-372.	0.7	30
75	Influences of hand posture and hand position on compatibility effects for up-down stimuli mapped to left-right responses: Evidence for a hand referent hypothesis. Perception & Psychophysics, 2002, 64, 1301-1315.	2.3	29
76	Chinese and US online consumers' preferences for content of e-commerce websites: a survey. Theoretical Issues in Ergonomics Science, 2009, 10, 19-42.	1.0	29
77	Correlations between spatial compatibility effects: are arrows more like locations or words?. Psychological Research, 2012, 76, 777-791.	1.0	29
78	Mixing location-relevant and irrelevant tasks: Spatial compatibility effects eliminated by stimuli that share the same spatial codes. Visual Cognition, $2003$ , $10$ , $15$ - $50$ .	0.9	28
79	Influence of training schedule on development of perceptual–motor control skills for construction equipment operators in a virtual training system. Automation in Construction, 2013, 35, 439-447.	4.8	28
80	Do silhouettes and photographs produce fundamentally different object-based correspondence effects?. Cognition, 2017, 169, 91-101.	1.1	28
81	Metacognitive Processes in Human-Computer Interaction: Self-Assessments of Knowledge as Predictors of Computer Expertise. International Journal of Human-Computer Interaction, 2000, 12, 43-71.	3.3	27
82	Steps toward Building Mathematical and Computer Models from Cognitive Task Analyses. Human Factors, 2003, 45, 77-103.	2.1	27
83	Stimulus-response compatibility with wheel-rotation responses: Will an incompatible response coding be used when a compatible coding is possible?. Psychonomic Bulletin and Review, 2004, 11, 841-847.	1.4	26
84	Creativity in Ergonomic Design: A Supplemental Value-Adding Source for Product and Service Development. Human Factors, 2010, 52, 503-525.	2.1	26
85	When is an odd number not odd? Influence of task rule on the MARC effect for numeric classification Journal of Experimental Psychology: Learning Memory and Cognition, 2007, 33, 832-842.	0.7	25
86	The relation between usability and product success in cell phones. Behaviour and Information Technology, 2012, 31, 969-982.	2.5	25
87	Response–Effect Compatibility Defines the Natural Scrolling Direction. Human Factors, 2013, 55, 1112-1129.	2.1	25
88	Dissociation of S-R compatibility and Simon effects with mixed tasks and mappings Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 593-609.	0.7	25
89	How do app icon color and border shape influence visual search efficiency and user experience? Evidence from an eye-tracking study. International Journal of Industrial Ergonomics, 2021, 84, 103160.	1.5	25
90	The relationship of frequency judgments to recognition: Facilitation of recognition and comparison to recognition-confidence judgments Journal of Experimental Psychology Human Learning and Memory, 1977, 3, 679-689.	1.7	24

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91	The Simon task with multi-component responses: two loci of response–effect compatibility. Psychological Research, 2011, 75, 214-226.	1.0	24
92	Challenges in evaluating skill transfer from construction equipment simulators. Theoretical Issues in Ergonomics Science, 2014, 15, 354-375.	1.0	24
93	Sensor-based indicators of performance changes between sessions during robotic surgery training. Applied Ergonomics, 2021, 90, 103251.	1.7	24
94	Fostering Creativity in Service Development: Facilitating Service Innovation by the Creative Cognition Approach. Service Science, 2009, $1,142-153$ .	0.9	23
95	Influences of multiple spatial stimulus and response codes on orthogonal stimulus—response compatibility. Perception & Psychophysics, 2004, 66, 1003-1017.	2.3	22
96	Transfer of learning in choice reactions: Contributions of specific and general components of manual responses. Acta Psychologica, 2009, 130, 1-10.	0.7	22
97	Transfer of magnitude and spatial mappings to the SNARC effect for parity judgments Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 1506-1521.	0.7	22
98	The prepared emotional reflex: Intentional preparation of automatic approach and avoidance tendencies as a means to regulate emotional responding. Emotion, 2010, 10, 593-598.	1.5	22
99	Smart home design and operation preferences of Americans and Koreans. Ergonomics, 2010, 53, 636-660.	1.1	22
100	Fostering Creativity in Product and Service Development: Validation in the Domain of Information Technology. Human Factors, 2011, 53, 245-270.	2.1	22
101	Task-specific serial position effects in comparisons of multiletter strings. Perception & Psychophysics, 1987, 42, 180-194.	2.3	21
102	Transfer of noncorresponding spatial associations to the auditory Simon task Journal of Experimental Psychology: Learning Memory and Cognition, 2007, 33, 245-253.	0.7	21
103	Correspondence Effects with Torches: Grasping Affordance or Visual Feature Asymmetry?. Quarterly Journal of Experimental Psychology, 2014, 67, 665-675.	0.6	21
104	Deconstructing Marilyn: Robust effects of face contexts on stimulus—response compatibility. Memory and Cognition, 1999, 27, 986-995.	0.9	20
105	A Simon Effect in Pigeons Journal of Experimental Psychology: General, 2005, 134, 93-107.	1.5	20
106	Coding controlled and triggered cursor movements as action effects: Influences on the auditory Simon effect for wheel-rotation responses Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 657-669.	0.7	20
107	Improving performance through implementation intentions: Are preexisting response biases replaced?. Psychonomic Bulletin and Review, 2008, 15, 1105-1110.	1.4	20
108	Automaticity without extensive training: The role of memory retrieval in implementation of task-defined rules. Psychonomic Bulletin and Review, 2011, 18, 347-354.	1.4	20

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109	The role of instructions, practice, and stimulus-hand correspondence on the Simon effect. Psychological Research, 2003, 67, 43-55.	1.0	19
110	Display-control arrangement correspondence and logical recoding in the Hedge and Marsh reversal of the Simon effect. Acta Psychologica, 2003, 112, 259-278.	0.7	19
111	Compatibility of motion information in two aircraft attitude displays for a tracking task. American Journal of Psychology, 2010, 123, 81-92.	0.5	19
112	Dimensions of Risk in Mobile Applications. , 2015, , .		19
113	Decreasing auditory Simon effects across reaction time distributions Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 23-38.	0.7	19
114	Influence of privacy priming and security framing on mobile app selection. Computers and Security, 2018, 78, 143-154.	4.0	19
115	Set- and Element-Level Stimulus-Response Compatibility Effects for Different Manual Response Sets. Journal of Motor Behavior, 1997, 29, 351-365.	0.5	18
116	A human-centered approach for designing World-Wide Web browsers. Behavior Research Methods, 1997, 29, 172-179.	1.3	18
117	Lateralized warning tones produce typical irrelevant-location effects on choice reactions. Psychonomic Bulletin and Review, 1998, 5, 124-129.	1.4	18
118	Selecting mapping rules and responses in mixed compatibility four-choice tasks. Psychological Research, 1998, 61, 231-248.	1.0	18
119	Acquisition and Transfer of Attention Allocation Strategies in a Multiple-Task Work Environment. Human Factors, 2007, 49, 995-1004.	2.1	18
120	"Mother nature doesn't have a bullet with your name on it― Coding with reference to one's name or object location?. Journal of Experimental Social Psychology, 2010, 46, 336-343.	1.3	18
121	Better Retention of Skill Operating a Simulated Hydraulic Excavator After Part-Task Than After Whole-Task Training. Human Factors, 2013, 55, 449-460.	2.1	18
122	Effects of distractor-stimulus modality in the Brown-Peterson distractor task Journal of Experimental Psychology Human Learning and Memory, 1978, 4, 676-684.	1.7	17
123	Acquisition, retention, and transfer of response selection skill in choice reaction tasks Journal of Experimental Psychology: Learning Memory and Cognition, 1991, 17, 497-506.	0.7	17
124	Content preparation and management for e-commerce Web sites. Communications of the ACM, 2003, 46, 289-299.	3.3	17
125	Universal and culture-specific effects of display-control compatibility. American Journal of Psychology, 2010, 123, 425-435.	0.5	17
126	Stimulus–response correspondence in go–nogo and choice tasks: Are reactions altered by the presence of an irrelevant salient object?. Psychological Research, 2016, 80, 912-934.	1.0	17

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127	Is Domain Highlighting Actually Helpful in Identifying Phishing Web Pages?. Human Factors, 2017, 59, 640-660.	2.1	17
128	Metacontrast and brightness discrimination. Perception & Psychophysics, 1973, 14, 293-297.	2.3	16
129	Effects of rehearsal strategy on memory for spacing and frequency Journal of Experimental Psychology Human Learning and Memory, 1975, 1, 640-647.	1.7	16
130	An examination of response bias in multiletter matching. Perception & Psychophysics, 1984, 35, 464-476.	2.3	16
131	Cross-modal compatibility effects with visual-spatial and auditory-verbal stimulus and response sets. Perception & Psychophysics, 1994, 55, 42-47.	2.3	16
132	Further evidence that object-based correspondence effects are primarily modulated by object location not by grasping affordance. Journal of Cognitive Psychology, 2014, 26, 679-698.	0.4	16
133	Embedding Training Within Warnings Improves Skills of Identifying Phishing Webpages. Human Factors, 2019, 61, 577-595.	2.1	16
134	An analysis of U-shaped metacontrast. Perception & Psychophysics, 1974, 16, 329-336.	2.3	15
135	User-based assessment of website creativity: a review and appraisal. Behaviour and Information Technology, 2012, 31, 383-400.	2.5	15
136	Approach–avoidance actions or categorization? A matching account of reference valence effects in affective S–R compatibility. Journal of Experimental Social Psychology, 2012, 48, 609-616.	1.3	15
137	Influence of color word availability on the Stroop color-naming effect. Perception & Psychophysics, 2008, 70, 1540-1551.	2.3	14
138	Influence of the Privacy Bird $\hat{A}^{@}$ user agent on user trust of different web sites. Computers in Industry, 2010, 61, 311-317.	5.7	14
139	Asymmetry of congruency effects in spatial Stroop tasks can be eliminated. Acta Psychologica, 2013, 143, 7-13.	0.7	14
140	Flowers and spiders in spatial stimulus-response compatibility: does affective valence influence selection of task-sets or selection of responses?. Cognition and Emotion, 2018, 32, 1003-1017.	1.2	14
141	Visual salience, not the graspable part of a pictured eating utensil, grabs attention. Attention, Perception, and Psychophysics, 2019, 81, 1454-1463.	0.7	14
142	Reversed effects of spatial compatibility in natural scenes. American Journal of Psychology, 2009, 122, 325-36.	0.5	14
143	Repeated-stimulus superiority and inferiority effects in the identification of letters and digits. Perception & Psychophysics, 1985, 38, 125-134.	2.3	13
144	Enhancement of the Simon effect by response-location precues: Evaluation of the stimulus-identification account. Acta Psychologica, 1997, 95, 279-298.	0.7	13

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145	No overall right-left prevalence for horizontal. Perception & Psychophysics, 2005, 67, 929-938.	2.3	13
146	Shared spatial representations for physical locations and location words in bilinguals' primary language. Memory and Cognition, 2010, 38, 713-722.	0.9	13
147	E. B. Titchener, Women Psychologists, and the Experimentalists. American Journal of Psychology, 2014, 127, 501-526.	0.5	13
148	The location-, word-, and arrow-based Simon effects: An ex-Gaussian analysis. Memory and Cognition, 2018, 46, 497-506.	0.9	13
149	Effects of a neutral warning signal on spatial two-choice reactions. Quarterly Journal of Experimental Psychology, 2022, 75, 754-764.	0.6	13
150	Effects of background symmetry onsame-different pattern matching: A compromise-criteria account. Perception & Psychophysics, 1990, 48, 543-550.	2.3	12
151	Information Processing: The Language and Analytical Tools for Cognitive Psychology in the Information Age. Frontiers in Psychology, 2018, 9, 1270.	1.1	12
152	A caution regarding use of the hint procedure to determine whether partial stimulus information activates responses. Perception & Psychophysics, 1986, 40, 110-118.	2.3	11
153	Cross-task cross talk in memory and perception. Acta Psychologica, 1995, 90, 49-62.	0.7	11
154	Influence of Intermixed Emotion-Relevant Trials on the Affective Simon Effect. Experimental Psychology, 2008, 55, 409-416.	0.3	11
155	Reducing and restoring stimulus–response compatibility effects by decreasing the discriminability of location words. Acta Psychologica, 2009, 130, 95-102.	0.7	11
156	Does the contribution of stimulus-hand correspondence to the auditory Simon effect increase with practice?. Experimental Brain Research, 2010, 204, 131-137.	0.7	11
157	Dissociating influences of key and hand separation on the Stroop color-identification effect. Acta Psychologica, 2012, 141, 39-47.	0.7	11
158	Role of hand dominance in mapping preferences for emotional-valence words to keypress responses. Acta Psychologica, 2017, 180, 33-39.	0.7	11
159	Shared mechanisms underlying the location-, word- and arrow-based Simon effects. Psychological Research, 2020, 84, 1655-1667.	1.0	11
160	Temporal characteristics of primary-secondary message interference in a dichotic listening task. Memory and Cognition, 1976, 4, 709-716.	0.9	10
161	Rod involvement in peripheral color processing. Scandinavian Journal of Psychology, 1976, 17, 142-148.	0.8	10
162	Attention and modality-specific interference in visual short-term memory Journal of Experimental Psychology Human Learning and Memory, 1978, 4, 239-245.	1.7	10

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163	Emergent perceptual features in the benefit of consistent stimulus-response mappings on dual-task performance. Psychological Research, 2006, 70, 468-483.	1.0	10
164	Effects of Displacement Magnitude and Direction of Auditory Cues on Auditory Spatial Facilitation of Visual Search. Human Factors, 2006, 48, 587-599.	2.1	10
165	Determinants of the benefit for consistent stimulus-response mappings in dual-task performance of four-choice tasks. Attention, Perception, and Psychophysics, 2009, 71, 734-756.	0.7	10
166	Role of accentuation in the selection/rejection task framing effect Journal of Experimental Psychology: General, 2017, 146, 543-568.	1.5	10
167	Revisiting variable-foreperiod effects: evaluating the repetition priming account. Attention, Perception, and Psychophysics, 2022, 84, 1193-1207.	0.7	10
168	The influence of intervening tasks on the spacing effect for frequency judgments Journal of Experimental Psychology Human Learning and Memory, 1980, 6, 254-266.	1.7	9
169	Is the psychological refractory period effect for ideomotor compatible tasks eliminated by speed-stress instructions?. Psychological Research, 2007, 71, 553-567.	1.0	9
170	Impaired color word processing at an unattended location: Evidence from a Stroop task combined with inhibition of return. Memory and Cognition, 2009, 37, 935-944.	0.9	9
171	How hand placement modulates interference from extraneous stimuli. Attention, Perception, and Psychophysics, 2015, 77, 340-352.	0.7	9
172	Cybersecurity for Android Applications: Permissions in Android 5 and 6. International Journal of Human-Computer Interaction, 2019, 35, 630-640.	3.3	9
173	Stimulus-Response and Response-Effect Compatibility With Touchless Gestures and Moving Action Effects. Human Factors, 2019, 61, 1297-1314.	2.1	9
174	Aparametric investigation of multiletter matches. Perception & Psychophysics, 1982, 32, 75-84.	2.3	8
175	Null effects of exposure duration and heterogeneity of difference on thesame-different disparity in letter matching. Perception & Psychophysics, 1983, 33, 163-171.	2.3	8
176	An Empirical Note on the Role of Verbal Labels in Motor Short-Term Memory Tasks. Journal of Motor Behavior, 1983, 15, 386-393.	0.5	8
177	Sameâ€"differentjudgments of multiletter strings: Insensitivity to positional bias and spacing. Perception & Psychophysics, 1991, 49, 62-72.	2.3	8
178	A Deficit in Older Adults' Effortful Selection of Cued Responses. Journal of Motor Behavior, 2006, 38, 265-284.	0.5	8
179	Comparison of 3D and 2D menus for cell phones. Computers in Human Behavior, 2011, 27, 2056-2066.	5.1	8
180	Spatial Compatibility Effects With Unimanual and Bimanual Wheel-Rotation Responses: An Homage to Guiard (1983). Journal of Motor Behavior, 2013, 45, 441-454.	0.5	8

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181	Transfer of learning in choice reactions: The roles of stimulus type, response mode, and set-level compatibility. Memory and Cognition, 2015, 43, 825-836.	0.9	8
182	Use of PC-based Simulators to Train Basic Control Functions of a Hydraulic Excavator: Audiovisual Instruction Contrasted with Hands-On Exploration. International Journal of Human-Computer Interaction, 2017, 33, 66-74.	3.3	8
183	The role of task space in action control: Evidence from research on instructions. Psychology of Learning and Motivation - Advances in Research and Theory, 2018, 69, 325-364.	0.5	8
184	Influences of Color Salience and Location of Website Links on User Performance and Affective Experience with a Mobile Web Directory. International Journal of Human-Computer Interaction, 2021, 37, 547-559.	3.3	8
185	Stimulus affect valence may influence mapping-rule selection but does not reverse the spatial compatibility effect: Reinterpretation of Conde et al. (2011) Psychology and Neuroscience, 2013, 6, 3-6.	0.5	8
186	A response-selection basis for the mixed-category, repeated-stimulus inferiority effect. Perception & Psychophysics, 1988, 44, 182-190.	2.3	7
187	Contextualism: Is the act in context the adequate metaphor for scientific psychology?. Psychonomic Bulletin and Review, 1994, 1, 239-249.	1.4	7
188	Are spatial responses to visuospatial stimuli and spoken responses to auditory letters ideomotor-compatible tasks? Examination of set-size effects on dual-task interference. Acta Psychologica, 2008, 129, 352-364.	0.7	7
189	Task-defined associations are mode specific for selection of relevant dimension but mode independent for selection of location mapping. Quarterly Journal of Experimental Psychology, 2009, 62, 370-391.	0.6	7
190	Conceptual response distance and intervening keys distinguish action goals in the Stroop color-identification task. Psychonomic Bulletin and Review, 2014, 21, 1238-1243.	1.4	7
191	Spatial Stroop interference occurs in the processing of radicals of ideogrammic compounds. Psychonomic Bulletin and Review, 2014, 21, 715-720.	1.4	7
192	Attention is captured by distractors that uniquely correspond to controlled objects: An analysis of movement trajectories. Attention, Perception, and Psychophysics, 2015, 77, 819-829.	0.7	7
193	A Stroop effect emerges in the processing of complex Chinese characters that contain a color-related radical. Psychological Research, 2015, 79, 221-229.	1.0	7
194	How different location modes influence responses in a Simon-like task. Psychological Research, 2017, 81, 1125-1134.	1.0	7
195	Vertically arrayed stimuli and responses: transfer of incompatible spatial mapping to Simon task occurs regardless of response-device orientation. Experimental Brain Research, 2018, 236, 175-185.	0.7	7
196	How different direct association routes influence the indirect route in the same Simon-like task. Psychological Research, 2019, 83, 1733-1748.	1.0	7
197	Effects of precuing horizontal and vertical dimensions on rightâ€"left prevalence. Memory and Cognition, 2006, 34, 949-958.	0.9	6
198	Influence of Response–Effect Feedback on Learning and Performance of a Complex Key- Pressing Task: Morin and Grant (1955) Revisited. American Journal of Psychology, 2015, 128, 197-208.	0.5	6

#	Article	IF	Citations
199	Crossmodal spatial congruence effects: visual dominance in conditions of increased and reduced selection difficulty. Psychological Research, 2017, 81, 1035-1050.	1.0	6
200	Response repetitions in auditory task switching: The influence of spatial response distance and of the response-stimulus interval. Acta Psychologica, 2019, 199, 102875.	0.7	6
201	The location-based Simon effect: Reliability of ex-Gaussian analysis. Memory and Cognition, 2020, 48, 42-50.	0.9	6
202	Detecting users' usage intentions for websites employing deep learning on eye-tracking data. Information Technology and Management, 2021, 22, 281-292.	1.4	6
203	The black hole illusion: A neglected source of aviation accidents. International Journal of Industrial Ergonomics, 2022, 87, 103235.	1.5	6
204	Is the worldview of qualitative inquiry a proper guide for psychological research?. American Journal of Psychology, 2005, 118, 251-69.	0.5	6
205	Modality-specific short-term storage for pressure. Bulletin of the Psychonomic Society, 1973, 1, 71-74.	0.2	5
206	Spatial stimulus-response compatibility and negative priming. Psychonomic Bulletin and Review, 2004, 11, 41-48.	1.4	5
207	Influence of display type and cue format on task-cuing effects: Dissociating switch cost and right-left prevalence effects. Memory and Cognition, 2008, 36, 998-1012.	0.9	5
208	Determinants of the benefit for consistent spatial mappings in dual-task performance of three-choice tasks. Attention, Perception, and Psychophysics, 2009, 71, 1771-1781.	0.7	5
209	Attention is required for acquisition but not expression of new response biases Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 1554-1560.	0.7	5
210	Evidence for distinct steps in response preparation from a delayed response paradigm. Acta Psychologica, 2018, 191, 42-51.	0.7	5
211	Emotional factors and physical properties of ballpoint pens that affect user satisfaction: Implications for pen and stylus design. Applied Ergonomics, 2020, 85, 103067.	1.7	5
212	Display of major risk categories for android apps Journal of Experimental Psychology: Applied, 2018, 24, 306-330.	0.9	5
213	Adoption of Population-Level Statistical Methods Did Transform Psychological Science but For the Better: Commentary on Lamiell (2018). American Journal of Psychology, 2018, 131, 483.	0.5	5
214	The Virtues of Scientific Psychology: A Reply to Harzem. The Behavior Analyst, 1988, 11, 131-140.	2.5	4
215	Instructional and probability manipulations of bias in multiletter matching. Perception & Psychophysics, 1989, 45, 55-65.	2.3	4
216	Stimulus-set location does not affect orthogonal stimulus-response compatibility. Psychological Research, 2004, 69, 106-114.	1.0	4

#	Article	IF	CITATIONS
217	Inhabitant-Centered Interaction Technology for Future Homes. Ergonomics in Design, 2011, 19, 9-14.	0.4	4
218	Human Information Processing. Human Factors and Ergonomics, 2012, , 21-40.	0.0	4
219	Effects of face and inanimate-object contexts on stimulus–response compatibility. Psychonomic Bulletin and Review, 2014, 21, 376-383.	1.4	4
220	Referential coding of steering-wheel button presses in a simulated driving cockpit Journal of Experimental Psychology: Applied, 2015, 21, 418-428.	0.9	4
221	Transfer of incompatible spatial mapping to the vertical Simon task generalizes across effectors but not stimulus features. Attention, Perception, and Psychophysics, 2020, 82, 1-11.	0.7	4
222	The Underlying neural mechanisms of interpersonal situations on collaborative ability: A hyperscanning study using functional near-infrared spectroscopy. Social Neuroscience, 2021, 16, 549-563.	0.7	4
223	Examination of a Response–Effect Compatibility Task With Continuous Mouse Movements: Free- Versus Forced-Choice Tasks and Sequential Modulations. American Journal of Psychology, 2021, 134, 415-439.	0.5	4
224	Information reduction, internal transformations, and task difficulty. Bulletin of the Psychonomic Society, 1977, 10, 463-466.	0.2	3
225	Unified theories must explain the codependencies among perception, cognition and action. Behavioral and Brain Sciences, 1992, 15, 453-454.	0.4	3
226	Two Radically Different Worldviews of Psychological Science: Implications for the Psychology of Science. Journal of Psychology of Science and Technology, 2009, 2, 44-58.	0.6	3
227	Intentional control of visual processing benefits from referential objects. Psychonomic Bulletin and Review, 2016, 23, 1164-1169.	1.4	3
228	Left is "good― Observed action affects the association between horizontal space and affective valence. Cognition, 2019, 193, 104030.	1.1	3
229	Is effector visibility critical for performance asymmetries in the Simon task? Evidence from hand- and foot-press responses. Attention, Perception, and Psychophysics, 2021, 83, 463-474.	0.7	3
230	The Method of Negative Instruction: Herbert S. Langfeld's and Ludwig R. Geissler's 1910–1913 Insightfu Studies. American Journal of Psychology, 2017, 130, 11-21.	ıl 0.5	3
231	Effects of association and repetition in memory for temporal order. Memory and Cognition, 1974, 2, 289-294.	0.9	2
232	Comment on Speed-Accuracy Tradeoff during Response Preparation (Cauraugh, 1990). Research Quarterly for Exercise and Sport, 1991, 62, 118-120.	0.8	2
233	Non-intentional but not automatic: reduction of word- and arrow-based compatibility effects by sound distractors in the same categorical domain. Experimental Brain Research, 2009, 199, 101-106.	0.7	2
234	Content information desired by Chinese users for effective use of information appliances. Computers in Human Behavior, 2010, 26, 1685-1693.	5.1	2

#	Article	IF	CITATIONS
235	Complementary contributions of basic and applied research in human factors and ergonomics. Theoretical Issues in Ergonomics Science, 2011, 12, 427-434.	1.0	2
236	Perception and Attention., 0,, 107-125.		2
237	Transfer of an implied incompatible spatial mapping to a Simon task. Acta Psychologica, 2016, 164, 81-89.	0.7	2
238	Emotion-induced attentional bias: does it modulate the spatial Simon effect?. Cognition and Emotion, 2020, 34, 1591-1607.	1.2	2
239	Word- and arrow-based Simon effects emerge for eccentrically presented location words and arrows. Psychological Research, 2021, 85, 816-827.	1.0	2
240	Division 21 has been devoted to human-centered design since the 1950s: Comment on Lyon, Brewer, and Areán (2020) American Psychologist, 2021, 76, 1186-1188.	3.8	2
241	Change of Variable-Foreperiod Effects within an Experiment: A Bayesian Modeling Approach. Journal of Cognition, 2022, 5, .	1.0	2
242	Ontological and Ideological Commitments in Behavior Analysis. The Behavior Analyst, 1990, 13, 87-90.	2.5	1
243	Associative learning without reason or belief. Behavioral and Brain Sciences, 2009, 32, 217-218.	0.4	1
244	Influence of mapping complexity on negative priming for incompatible spatial mappings. Psychonomic Bulletin and Review, 2009, 16, 1118-1123.	1.4	1
245	Older and Younger Adults Show Comparable Affective Compatibility and Simon Effects. Experimental Aging Research, 2013, 39, 44-69.	0.6	1
246	Specificity of Transfer in Basic and Applied Perceptual-Motor Tasks. American Journal of Psychology, 2013, 126, 401.	0.5	1
247	100 Years of Human Factors/Ergonomics at Purdue University. Ergonomics in Design, 2016, 24, 31-34.	0.4	1
248	What I Say Means What I Do: Risk Concerns and Mobile Application-Selection Behaviors. Human Factors, 2022, 64, 1331-1350.	2.1	1
249	Practice and transfer with mappings of spoon tip and handle to keypress responses. Quarterly Journal of Experimental Psychology, 2022, 75, 892-906.	0.6	1
250	Are theories to be evaluated in isolation or relative to alternatives? An abductive view. American Journal of Psychology, 2008, 121, 617-41.	0.5	1
251	Tribute to E. J. Capaldi: Celebration of a Psychological Scientist. American Journal of Psychology, 2022, 135, 109-124.	0.5	1
252	A neglected pioneer of psychology: Otto Selz's contribution to the psychology of thinking and the dispute with Gestalt psychologists in Psychological Research/Psychologische Forschung. Psychological Research, 0, , .	1.0	1

#	Article	IF	CITATIONS
253	A Forty-Year Perspective on Compatibility Phenomena: A Panel in Honor of Arnold M. Small, Sr Proceedings of the Human Factors Society Annual Meeting, 1990, 34, 1444-1446.	0.1	O
254	The Pseudo-Science of B. F. Skinner. American Journal of Psychology, 1990, 103, 265.	0.5	0
255	Plausible reconstruction? No!. Behavioral and Brain Sciences, 1993, 16, 646-647.	0.4	0
256	The Mind's We: Contextualism in Cognitive Psychology. American Journal of Psychology, 1994, 107, 134.	0.5	0
257	Perceptual, Motor and Cognitive Skills: All under One Roof. American Journal of Psychology, 1996, 109, 645.	0.5	0
258	TEC: Integrated view of perception and action or framework for response selection?. Behavioral and Brain Sciences, 2001, 24, 899-900.	0.4	0
259	Action plans produce separate Simon effects for picking up and transporting objects. Psychological Research, 2010, 74, 468-475.	1.0	0
260	Introduction. American Journal of Psychology, 2013, 126, 387.	0.5	0
261	Lack of visual field asymmetries for spatial cueing in reading parafoveal Chinese characters. Psychonomic Bulletin and Review, 2015, 22, 1764-1769.	1.4	0
262	Introduction to Special Issue: Foundations of Cognitive Science for the Design of Human–Computer Interactive Systems. International Journal of Human-Computer Interaction, 2017, 33, i-i.	3.3	0
263	Comparison of Mobile Web Browsers for Smartphones. Journal of Computer Information Systems, 2018, 58, 10-18.	2.0	0
264	Taking into consideration explanations of perception-action interactions that may be "less dramatic, but more reflective of what happens in the real worldâ€. Consciousness and Cognition, 2018, 64, 176-182.	0.8	0
265	J. Richard Simon (1929–2017). American Journal of Psychology, 2018, 131, 95.	0.5	0
266	What customers want from smart devices: investigating explicitly judged and implicitly derived success factors. International Journal of Mobile Communications, 2020, 18, 242.	0.2	0
267	Lillian Gilbreth and Amelia Earhart: How an Eye Toward Diversity Brought Two Pioneers Together. Ergonomics in Design, 2021, 29, 13-18.	0.4	0
268	Visual selection and response selection without effector selection in tasks with circular arrays. Attention, Perception, and Psychophysics, 2021, 83, 637-657.	0.7	0
269	Reinforcement Contingencies: Humans Versus Other Species. PsycCritiques, 1992, 37, 35-36.	0.0	0
270	130th Anniversary of the <em>American Journal of Psychology</em> . American Journal of Psychology, 2017, 130, 1.	0.5	0

#	Article	IF	CITATIONS
271	Frederick H. Rohles, Jr., Experimental Psychologist. American Journal of Psychology, 2018, 131, 461.	0.5	O
272	Experiencing Embodied Cognition from the Outside. , 2021, , 573-595.		0
273	Surviving in the digital environment: Does survival processing provide an additional memory benefit to password generation strategies?. Journal of Applied Research in Memory and Cognition, 2020, 9, 345-354.	0.7	O
274	Editor's Note: 100th Anniversary of the Transition from Hall to Titchener. American Journal of Psychology, 2021, 134, 253-254.	0.5	0