

Cees van Leeuwen

List of Publications by Year in descending order

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215
papers

4,544
citations

101496

36
h-index

149623

56
g-index

230
all docs

230
docs citations

230
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	A century of Gestalt psychology in visual perception: II. Conceptual and theoretical foundations.. Psychological Bulletin, 2012, 138, 1218-1252.	5.5	324
2	Sketching and creative discovery. Design Studies, 1998, 19, 519-546.	1.9	174
3	Symbiotic relationship between brain structure and dynamics. BMC Neuroscience, 2009, 10, 55.	0.8	166
4	Stability and Intermittency in Large-Scale Coupled Oscillator Models for Perceptual Segmentation. Journal of Mathematical Psychology, 1997, 41, 319-344.	1.0	113
5	Combining EEG and eye movement recording in free viewing: Pitfalls and possibilities. Brain and Cognition, 2016, 107, 55-83.	0.8	98
6	Adaptation and Parameter Estimation in Systems With Unstable Target Dynamics and Nonlinear Parametrization. IEEE Transactions on Automatic Control, 2007, 52, 1543-1559.	3.6	85
7	Evolution to a small-world network with chaotic units. Europhysics Letters, 2004, 67, 328-333.	0.7	84
8	Adaptive observers and parameter estimation for a class of systems nonlinear in the parameters. Automatica, 2013, 49, 2409-2423.	3.0	79
9	Spatial and temporal structure of phase synchronization of spontaneous alpha EEG activity. Biological Cybernetics, 2005, 92, 54-60.	0.6	76
10	Traveling waves and trial averaging: The nature of single-trial and averaged brain responses in large-scale cortical signals. NeuroImage, 2013, 73, 95-112.	2.1	72
11	Affordances, perceptual complexity, and the development of tool use.. Journal of Experimental Psychology: Human Perception and Performance, 1994, 20, 174-191.	0.7	71
12	Scale-invariant fluctuations of the dynamical synchronization in human brain electrical activity. Neuroscience Letters, 2003, 336, 33-36.	1.0	70
13	Creative discovery in imagery and perception: Combining is relatively easy, restructuring takes a sketch. Acta Psychologica, 1998, 99, 177-200.	0.7	68
14	Paradoxical Enhancement of Letter Recognition in Developmental Dyslexia. Developmental Neuropsychology, 2007, 31, 61-77.	1.0	65
15	The interplay of attention and consciousness in visual search, attentional blink and working memory consolidation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130215.	1.8	64
16	Fixation duration surpasses pupil size as a measure of memory load in free viewing. Frontiers in Human Neuroscience, 2014, 8, 1063.	1.0	64
17	Abilities Within and Across Visual and Verbal Domains: How Specific Is Their Influence on Creativity?. Creativity Research Journal, 2010, 22, 369-377.	1.7	62
18	Dynamics of spontaneous transitions between global brain states. Human Brain Mapping, 2007, 28, 904-913.	1.9	61

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19	Synchronization of chaotic neural networks via output or state coupling. <i>Chaos, Solitons and Fractals</i> , 2006, 30, 166-176.	2.5	58
20	Distributed Dynamical Computation in Neural Circuits with Propagating Coherent Activity Patterns. <i>PLoS Computational Biology</i> , 2009, 5, e1000611.	1.5	58
21	Sketches from a Design Process: Creative Cognition Inferred From Intermediate Products. <i>Cognitive Science</i> , 2005, 29, 79-101.	0.8	55
22	Intermittent dynamics underlying the intrinsic fluctuations of the collective synchronization patterns in electrocortical activity. <i>Physical Review E</i> , 2007, 76, 011904.	0.8	55
23	Negative and positive congruence effects in letters and shapes. <i>Perception & Psychophysics</i> , 2004, 66, 908-925.	2.3	52
24	Robust emergence of small-world structure in networks of spiking neurons. <i>Cognitive Neurodynamics</i> , 2007, 1, 39-51.	2.3	52
25	Creative reasoning across developmental levels: Convergence and divergence in problem creation. <i>Intelligence</i> , 2012, 40, 172-188.	1.6	47
26	Sequence influence on the organization of meaningless serial stimuli: Economy after all.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1988, 14, 481-502.	0.7	44
27	Perceptual Switching, Eye Movements, and the Bus Paradox. <i>Perception</i> , 2003, 32, 681-698.	0.5	44
28	Transient Synchrony of Distant Brain Areas and Perceptual Switching in Ambiguous Figures. <i>Biological Cybernetics</i> , 2006, 94, 445-457.	0.6	43
29	Mental Rotation of Letters and Shapes in Developmental Dyslexia. <i>Perception</i> , 2007, 36, 617-631.	0.5	43
30	Adaptive rewiring in chaotic networks renders small-world connectivity with consistent clusters. <i>Europhysics Letters</i> , 2004, 65, 459-464.	0.7	42
31	Different letter-processing strategies in diagnostic subgroups of developmental dyslexia. <i>Cognitive Neuropsychology</i> , 2008, 25, 730-744.	0.4	42
32	Lack of effects between rupertadine 10 mg and placebo on actual driving performance of healthy volunteers. <i>Human Psychopharmacology</i> , 2007, 22, 289-297.	0.7	40
33	Eye fixation-related potentials in free viewing identify encoding failures in change detection. <i>NeuroImage</i> , 2011, 56, 1598-1607.	2.1	40
34	Stroop can occur without Garner interference: Strategic and mandatory influences in multidimensional stimuli. <i>Perception & Psychophysics</i> , 1995, 57, 379-392.	2.3	39
35	Anticipated action consequences as a nexus between action and perception: Evidence from event-related potentials. <i>Biological Psychology</i> , 2008, 78, 53-65.	1.1	38
36	Phase Synchronization Analysis of EEG during Attentional Blink. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1969-1979.	1.1	37

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37	Dynamically Maintained Spike Timing Sequences in Networks of Pulse-Coupled Oscillators with Delays. <i>Physical Review Letters</i> , 2007, 98, 048104.	2.9	37
38	Visual search strategy and perceptual organization covary with individual preference and structural complexity. <i>Acta Psychologica</i> , 1997, 95, 141-164.	0.7	35
39	Emergence of scale-free network with chaotic units. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 321, 679-688.	1.2	35
40	Functional specialization and dynamic resource allocation in visual cortex. <i>Human Brain Mapping</i> , 2010, 31, 1-13.	1.9	35
41	Context influence on the perception of figures as conditional upon perceptual organization strategies. <i>Perception & Psychophysics</i> , 1993, 53, 34-42.	2.3	34
42	Individual differences in perceptual switching rates; the role of occipital alpha and frontal theta band activity. <i>Biological Cybernetics</i> , 2005, 93, 343-354.	0.6	34
43	Activation and coherence in memory processes: Revisiting the Parallel Distributed Processing approach to retrieval. <i>Connection Science</i> , 2001, 13, 349-382.	1.8	33
44	Dissociation of early evoked cortical activity in perceptual grouping. <i>Experimental Brain Research</i> , 2008, 186, 107-122.	0.7	33
45	Dynamic synchronization and chaos in an associative neural network with multiple active memories. <i>Chaos</i> , 2003, 13, 1090-1104.	1.0	32
46	Partial synchronization in diffusively time-delay coupled oscillator networks. <i>Chaos</i> , 2012, 22, 043144.	1.0	32
47	Fragmentation: loss of global coherence or breakdown of modularity in functional brain architecture?. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 20.	1.2	32
48	Reading as functional coordination: not recycling but a novel synthesis. <i>Frontiers in Psychology</i> , 2014, 5, 1046.	1.1	32
49	Critical dynamics, anesthesia and information integration: Lessons from multi-scale criticality analysis of voltage imaging data. <i>NeuroImage</i> , 2018, 183, 919-933.	2.1	31
50	Distributed processing of color and form in the visual cortex. <i>Frontiers in Psychology</i> , 2014, 5, 932.	1.1	30
51	Learning to read aligns visual analytical skills with grapheme-phoneme mapping: evidence from illiterates. <i>Frontiers in Evolutionary Neuroscience</i> , 2012, 4, 8.	3.7	30
52	Different time courses of Stroop and Garner effects in perception – An Event-Related Potentials Study. <i>NeuroImage</i> , 2009, 45, 1272-1288.	2.1	29
53	In the interest of saving time: a critique of discrete perception. <i>Neuroscience of Consciousness</i> , 2018, 2018, niy003.	1.4	28
54	Negative congruence effects in letter and pseudo-letter recognition: the role of similarity and response conflict. <i>Cognitive Processing</i> , 2004, 5, 239-248.	0.7	27

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55	Visual encoding and fixation target selection in free viewing: presaccadic brain potentials. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 26.	1.2	27
56	ViSA: A neurodynamic model for visuo-spatial working memory, attentional blink, and conscious access.. <i>Psychological Review</i> , 2012, 119, 745-769.	2.7	26
57	Invariant template matching in systems with spatiotemporal coding: A matter of instability. <i>Neural Networks</i> , 2009, 22, 425-449.	3.3	25
58	Mapping of contextual modulation in the population response of primary visual cortex. <i>Cognitive Neurodynamics</i> , 2010, 4, 1-24.	2.3	24
59	Letters in the forest: global precedence effect disappears for letters but not for non-letters under reading-like conditions. <i>Frontiers in Psychology</i> , 2014, 5, 705.	1.1	24
60	Efficiency of Conscious Access Improves with Coupling of Slow and Fast Neural Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1168-1179.	1.1	24
61	Multi-Electrode Alpha tACS During Varying Background Tasks Fails to Modulate Subsequent Alpha Power. <i>Frontiers in Neuroscience</i> , 2018, 12, 428.	1.4	24
62	Intelligence and Creativity: Over the Threshold Together?. <i>Creativity Research Journal</i> , 2016, 28, 212-218.	1.7	23
63	SNARC (spatialâ€“numerical association of response codes) meets SPARC (spatialâ€“pitch association of) Tj ETQq1 1 0.784314 rgBT <i>Experimental Psychology</i> , 2016, 69, 1366-1383.	0.6	23
64	Duration of Coherence Intervals in Electrical Brain Activity in Perceptual Organization. <i>Cerebral Cortex</i> , 2010, 20, 365-382.	1.6	22
65	Transposition effects in reading Japanese Kana: Are they orthographic in nature?. <i>Memory and Cognition</i> , 2011, 39, 700-707.	0.9	22
66	Donders is dead: cortical traveling waves and the limits of mental chronometry in cognitive neuroscience. <i>Cognitive Processing</i> , 2015, 16, 365-375.	0.7	22
67	Self-organisation of small-world networks by adaptive rewiring in response to graph diffusion. <i>Scientific Reports</i> , 2017, 7, 13158.	1.6	22
68	High-capacity embedding of synfire chains in a cortical network model. <i>Journal of Computational Neuroscience</i> , 2013, 34, 185-209.	0.6	21
69	Individual Pattern Representations are Context Independent, but their Collectiverepresentation is Context Dependent. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 1265-1294.	2.3	20
70	Differentiation of holistic processing in the time course of letter recognition. <i>Acta Psychologica</i> , 2008, 129, 121-129.	0.7	20
71	Spatially constrained adaptive rewiring in cortical networks creates spatially modular small world architectures. <i>Cognitive Neurodynamics</i> , 2014, 8, 479-497.	2.3	19
72	Nonuniform Small-Gain Theorems for Systems with Unstable Invariant Sets. <i>SIAM Journal on Control and Optimization</i> , 2008, 47, 849-882.	1.1	18

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73	Perceptual preferences in depth stratification of transparent layers: Photometric and non-photometric factors. <i>Journal of Vision</i> , 2010, 10, 1-13.	0.1	18
74	Observers for Canonic Models of Neural Oscillators. <i>Mathematical Modelling of Natural Phenomena</i> , 2010, 5, 146-184.	0.9	18
75	A neural mass model of cross frequency coupling. <i>PLoS ONE</i> , 2017, 12, e0173776.	1.1	18
76	Refixation patterns reveal memory-encoding strategies in free viewing. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2499-2516.	0.7	18
77	Solving and Creating Raven Progressive Matrices: Reasoning in Well- and Ill-Defined Problem Spaces. <i>Creativity Research Journal</i> , 2010, 22, 304-319.	1.7	17
78	Precisely timed oculomotor and parietal EEG activity in perceptual switching. <i>Cognitive Neurodynamics</i> , 2011, 5, 399-409.	2.3	17
79	Presaccadic EEG activity predicts visual saliency in free-viewing contour integration. <i>Psychophysiology</i> , 2018, 55, e13267.	1.2	17
80	Global Neuromagnetic Cortical Fields Have Non-Zero Velocity. <i>PLoS ONE</i> , 2016, 11, e0148413.	1.1	17
81	Perceptual-learning systems as conservative structures: Is economy an attractor?. <i>Psychological Research</i> , 1990, 52, 145-152.	1.0	16
82	Chaos breeds autonomy: connectionist design between bias and baby-sitting. <i>Cognitive Processing</i> , 2008, 9, 83-92.	0.7	16
83	STATE AND PARAMETER ESTIMATION FOR CANONIC MODELS OF NEURAL OSCILLATORS. <i>International Journal of Neural Systems</i> , 2010, 20, 193-207.	3.2	16
84	Processing statistics: An examination of focused and distributed attention using event related potentials. <i>Vision Research</i> , 2013, 85, 20-25.	0.7	16
85	Asymmetric priming effects in visual processing of occlusion patterns. <i>Perception & Psychophysics</i> , 2006, 68, 946-958.	2.3	15
86	Controlled but Independent: Effects of Mental Rotation and Developmental Dyslexia in Dual-Task Settings. <i>Perception</i> , 2009, 38, 1019-1034.	0.5	15
87	Large-scale cortical travelling waves predict localized future cortical signals. <i>PLoS Computational Biology</i> , 2019, 15, e1007316.	1.5	15
88	Flexibility in spatial and non-spatial feature grouping: an event-related potentials study. <i>Cognitive Brain Research</i> , 2004, 22, 13-25.	3.3	14
89	Neural correlates of priming on occluded figure interpretation in human fusiform cortex. <i>Neuroscience</i> , 2006, 141, 1585-1597.	1.1	14
90	Task modulates functional connectivity networks in free viewing behavior. <i>NeuroImage</i> , 2017, 159, 289-301.	2.1	14

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91	Interhemispheric Synchrony of Spontaneous Cortical States at the Cortical Column Level. <i>Cerebral Cortex</i> , 2018, 28, 1794-1807.	1.6	14
92	Task-Invariant Aspects of Goodness in Perceptual Representation. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 1295-1310.	2.3	13
93	The "Mosaic Stage" in Amodal Completion as Characterized by Magnetoencephalography Responses. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1394-1405.	1.1	13
94	Goodness takes effort: perceptual organization in dual-task settings. <i>Psychological Research</i> , 2007, 71, 152-169.	1.0	13
95	System, Subsystem, Hive: Boundary Problems in Computational Theories of Consciousness. <i>Frontiers in Psychology</i> , 2016, 7, 1041.	1.1	13
96	A neural mass model of phase-amplitude coupling. <i>Biological Cybernetics</i> , 2016, 110, 171-192.	0.6	13
97	Large-Scale Traveling Waves in EEG Activity Following Eye Movement. <i>Brain Topography</i> , 2018, 31, 608-622.	0.8	13
98	Adaptive rewiring in weighted networks. <i>Cognitive Systems Research</i> , 2019, 55, 205-218.	1.9	13
99	PDP and Gestalt: An integration?. <i>Psychological Research</i> , 1989, 50, 199-201.	1.0	12
100	The Structural Memory: A network model for human perception of serial objects. <i>Psychological Research</i> , 1989, 50, 211-222.	1.0	12
101	Representational economy, not processing speed, determines preferred processing strategy of visual patterns. <i>Acta Psychologica</i> , 2010, 134, 290-298.	0.7	12
102	Lost in the forest? Global to local interference depends on children's reading skills. <i>Acta Psychologica</i> , 2019, 193, 11-17.	0.7	12
103	Basic principles drive self-organization of brain-like connectivity structure. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 82, 105065.	1.7	12
104	Parameter Estimation of Sigmoid Superpositions: Dynamical System Approach. <i>Neural Computation</i> , 2003, 15, 2419-2455.	1.3	11
105	Amodal Completion as Reflected by Gaze Durations. <i>Perception</i> , 2004, 33, 1185-1200.	0.5	11
106	What has happened to PrÄgnanz? Coding, stability, or resonance. <i>Perception & Psychophysics</i> , 1991, 50, 435-448.	2.3	10
107	Nonlinearity in giant depolarizing potentials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 319, 167-172.	0.9	10
108	Evoked phase synchronization between adjacent high-density electrodes in human scalp EEG: Duration and time course related to behavior. <i>Clinical Neurophysiology</i> , 2005, 116, 2403-2419.	0.7	10

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109	Different letter-processing strategies in diagnostic subgroups of developmental dyslexia also occur in a transparent orthography: Reply to a commentary by Spinelli et al.. <i>Cognitive Neuropsychology</i> , 2009, 26, 759-768.	0.4	10
110	Relationship between neural response and adaptation selectivity to form and color: an ERP study. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 89.	1.0	10
111	Leaders Do Not Look Back, or Do They?. <i>Mathematical Modelling of Natural Phenomena</i> , 2015, 10, 212-231.	0.9	10
112	Intermittent regime of brain activity at the early, bias-guided stage of perceptual learning. <i>Journal of Vision</i> , 2016, 16, 11.	0.1	10
113	Neural correlates of task-related refixation behavior. <i>Vision Research</i> , 2020, 175, 90-101.	0.7	10
114	Facilitation of retrieval by perceptual structure. <i>Psychological Research</i> , 1989, 50, 202-210.	1.0	9
115	Dissociating congruence effects in letters versus shapes: Kanji and kana. <i>Acta Psychologica</i> , 2008, 129, 138-146.	0.7	9
116	Style and Spectral Power: Processing of Abstract and Representational Art in Artists and Non-Artists. <i>Perception</i> , 2010, 39, 1659-1671.	0.5	9
117	Sensory optimization by stochastic tuning.. <i>Psychological Review</i> , 2013, 120, 798-816.	2.7	9
118	Antecedent occipital alpha band activity predicts the impact of oculomotor events in perceptual switching. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 19.	1.2	9
119	Editorial: Color and Form Perception: Straddling the Boundary. <i>Frontiers in Psychology</i> , 2016, 7, 104.	1.1	9
120	Refixation control in free viewing: a specialized mechanism divulged by eye-movement-related brain activity. <i>Journal of Neurophysiology</i> , 2018, 120, 2311-2324.	0.9	9
121	Visual illusions, solid/outline invariance and non-stationary activity patterns. <i>Connection Science</i> , 2000, 12, 279-297.	1.8	8
122	Generalization of learning by synchronous waves: from perceptual organization to invariant organization. <i>Cognitive Neurodynamics</i> , 2011, 5, 113-132.	2.3	8
123	Perceptual awareness and its neural basis: bridging experimental and theoretical paradigms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130203.	1.8	8
124	Factoring in the spatial effects of symbolic number representation. <i>Biological Psychology</i> , 2020, 149, 107782.	1.1	8
125	Adaptive Rewiring in Weighted Networks Shows Specificity, Robustness, and Flexibility. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 580569.	1.2	8
126	Visual marking and change detection. <i>Cognitive Processing</i> , 2007, 8, 233-244.	0.7	7

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127	Selective attention in visual short-term memory consolidation. <i>NeuroReport</i> , 2009, 20, 652-656.	0.6	7
128	Perception of Time in Articulated Visual Events. <i>Frontiers in Psychology</i> , 2012, 3, 564.	1.1	7
129	Characterization and Computation of Partial Synchronization Manifolds for Diffusive Delay-Coupled Systems. <i>SIAM Journal on Applied Dynamical Systems</i> , 2016, 15, 1874-1915.	0.7	7
130	Coupling-modulated multi-stability and coherent dynamics in directed networks of heterogeneous nonlinear oscillators with modular topology. <i>IFAC-PapersOnLine</i> , 2016, 49, 62-67.	0.5	7
131	There's a SNARC in the Size Congruity Task. <i>Frontiers in Psychology</i> , 2018, 9, 1978.	1.1	7
132	Finite form realizations of adaptive control algorithms. , 2003, , .		7
133	Indeterminacy of the isomorphism heuristic. <i>Psychological Research</i> , 1990, 52, 1-4.	1.0	6
134	OMPC: an open-source MATLAB®-to-Python compiler. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 5.	1.3	6
135	Connections are not enough for membership: Letter/non-letter distinction persists through phonological association learning. <i>Acta Psychologica</i> , 2017, 176, 85-91.	0.7	6
136	Long-term dynamics of mind wandering: ultradian rhythms in thought generation. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz007.	1.4	6
137	Adaptive rewiring of random neural networks generates convergent"divergent" units. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 107, 106135.	1.7	6
138	Goodness is central: Task invariance of perceptual organization in a dual"task setting¹. <i>Japanese Psychological Research</i> , 2008, 50, 193-203.	0.4	5
139	Adaptive Classification of Temporal Signals in Fixed-Weight Recurrent Neural Networks: An Existence Proof. <i>Neural Computation</i> , 2008, 20, 2564-2596.	1.3	5
140	Spatial Proximity Rather Than Temporal Frequency Determines the Wagon Wheel Illusion. <i>Perception</i> , 2014, 43, 295-315.	0.5	5
141	What makes you think you are conscious? An agnosticist manifesto. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 170.	1.0	5
142	Dynamic effective connectivity in cortically embedded systems of recurrently coupled synfire chains. <i>Journal of Computational Neuroscience</i> , 2016, 40, 1-26.	0.6	5
143	Visual Creativity Across Cultures: A Comparison Between Italians and Japanese. <i>Creativity Research Journal</i> , 2017, 29, 86-90.	1.7	5
144	From Adult Finger Tapping to Fetal Heart Beating: Retracing the Role of Coordination in Constituting Agency. <i>Topics in Cognitive Science</i> , 2018, 10, 18-35.	1.1	5

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145	Restless minds, wandering brains. <i>Advances in Consciousness Research</i> , 2012, , 121-148.	0.2	5
146	The No-Report Paradigm: A Revolution in Consciousness Research?. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	5
147	Perceivable information or: The happy marriage between ecological psychology and Gestalt. <i>Philosophical Psychology</i> , 1994, 7, 267-285.	0.5	4
148	Chaos and neural coding: Is the binding problem a pseudo-problem?. <i>Behavioral and Brain Sciences</i> , 2001, 24, 826-827.	0.4	4
149	State and Parameter Estimation for Systems in Non-canonical Adaptive Observer Form. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 14372-14378.	0.4	4
150	Cross-frequency phase synchrony around the saccade period as a correlate of perceiver's internal state. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 18.	1.2	4
151	The role of complex systems theory in cognitive science. <i>Cognitive Processing</i> , 2015, 16, 315-317.	0.7	4
152	Is it really search or just matching? The influence of Goodness, number of stimuli and presentation sequence in sameâ€different tasks. <i>Psychological Research</i> , 2015, 79, 42-63.	1.0	4
153	Adaptive rewiring evolves brain-like structure in weighted networks. <i>Scientific Reports</i> , 2020, 10, 6075.	1.6	4
154	Regularities, context, and neural coding: Are universals reflected in the experienced world?. <i>Behavioral and Brain Sciences</i> , 2001, 24, 701-702.	0.4	3
155	Small World Networks and the Brain. <i>The Brain & Neural Networks</i> , 2007, 14, 186-197.	0.1	3
156	Practice begets the second target: task repetition and the attentional blink effect. <i>Progress in Brain Research</i> , 2009, 176, 123-134.	0.9	3
157	Orientation perception anisotropies indicate functional segregation within the color system. <i>Journal of Vision</i> , 2015, 15, 13.	0.1	3
158	Rapid switching and complementary evidence accumulation enable flexibility of an all-or-none global workspace for control of attentional and conscious processing: a reply to Wyble <i>et al</i> .. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140315.	1.8	3
159	Scene Buildup From Latent Memory Representations Across Eye Movements. <i>Frontiers in Psychology</i> , 2018, 9, 2701.	1.1	3
160	Visual Perception on the Edge of Chaos. <i>Advances in Psychology</i> , 1998, , 289-314.	0.1	2
161	Robustness and consistency of dynamic clustering in complex systems. <i>Connection Science</i> , 2002, 14, 203-217.	1.8	2
162	Collinearity, curvature interpolation, and the power of perceptual integration. <i>Psychological Research</i> , 2007, 71, 427-437.	1.0	2

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163	Procedural learning eliminates specific slowing down of response selection in patients with idiopathic Parkinson syndrome. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 319-326.	0.8	2
164	A cascaded neuro-computational model for spoken word recognition. <i>Connection Science</i> , 2010, 22, 87-101.	1.8	2
165	Directed cycles and multi-stability of coherent dynamics in systems of coupled nonlinear oscillators. <i>IFAC-PapersOnLine</i> , 2015, 48, 19-24.	0.5	2
166	The reasonable ineffectiveness of biological brains in applying the principles of high-dimensional cybernetics. <i>Physics of Life Reviews</i> , 2019, 29, 104-105.	1.5	2
167	Adaptive rewiring in nonuniform coupled oscillators. <i>Network Neuroscience</i> , 2022, 6, 90-117.	1.4	2
168	Imagery, creativity and discovery: A cognitive approach. <i>Acta Psychologica</i> , 1995, 89, 293-295.	0.7	1
169	Anomalous orientation effects in the Bourdon illusion. <i>Psychonomic Bulletin and Review</i> , 1998, 5, 290-294.	1.4	1
170	ADAPTATION AND NONLINEAR PARAMETRIZATION: NONLINEAR DYNAMICS PROSPECTIVE. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005, 38, 223-228.	0.4	1
171	Location-based selection for storage in visuo-spatial working memory. <i>Cognitive Processing</i> , 2006, 7, 86-86.	0.7	1
172	Unsupervised adaptive optimization of motion-sensitive systems guided by measurement uncertainty. , 2007, , .		1
173	Practice effect in Attentional Blink: an ERP study. <i>Neuroscience Research</i> , 2009, 65, S41.	1.0	1
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