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	Adaptive rewiring in nonuniform coupled oscillators. Network Neuroscience, 2022, 6, 90-117.	1.4	2
2	Adaptive rewiring of random neural networks generates convergentâ€“divergentâ€‹ units. Communications in Nonlinear Science and Numerical Simulation, 2022, 107, 106135.	1.7	6
3	The No-Report Paradigm: A Revolution in Consciousness Research?. Frontiers in Human Neuroscience, 2022, 16, .	1.0	5
4	Adaptive Rewiring in Weighted Networks Shows Specificity, Robustness, and Flexibility. Frontiers in Systems Neuroscience, 2021, 15, 580569.	1.2	8
5	Effects of Temporal Expectations on the Perception of Motion Gestalts. Journal of Cognitive Neuroscience, 2021, 33, 853-871.	1.1	0
6	Factoring in the spatial effects of symbolic number representation. Biological Psychology, 2020, 149, 107782.	1.1	8
7	Basic principles drive self-organization of brain-like connectivity structure. Communications in Nonlinear Science and Numerical Simulation, 2020, 82, 105065.	1.7	12
8	Neural correlates of task-related refixation behavior. Vision Research, 2020, 175, 90-101.	0.7	10
9	Adaptive rewiring evolves brain-like structure in weighted networks. Scientific Reports, 2020, 10, 6075.	1.6	4
10	Refixation patterns reveal memory-encoding strategies in free viewing. Attention, Perception, and Psychophysics, 2019, 81, 2499-2516.	0.7	18
11	Large-scale cortical travelling waves predict localized future cortical signals. PLoS Computational Biology, 2019, 15, e1007316.	1.5	15
12	Long-term dynamics of mind wandering: ultradian rhythms in thought generation. Neuroscience of Consciousness, 2019, 2019, niz007.	1.4	6
13	The reasonable ineffectiveness of biological brains in applying the principles of high-dimensional cybernetics. Physics of Life Reviews, 2019, 29, 104-105.	1.5	2
14	Sensorimotor coordination generates extended agency. Cognitive Systems Research, 2019, 55, 219-244.	1.9	1
15	Adaptive rewiring in weighted networks. Cognitive Systems Research, 2019, 55, 205-218.	1.9	13
16	Lost in the forest? Global to local interference depends on children's reading skills. Acta Psychologica, 2019, 193, 11-17.	0.7	12
17	Attenuated brain responses to Gestalts at threshold: differential predictive processing behind Gestalt phenomena?. Journal of Vision, 2019, 19, 36d.	0.1	0
18	Large-Scale Traveling Waves in EEG Activity Following Eye Movement. Brain Topography, 2018, 31, 608-622.	0.8	13

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19	Interhemispheric Synchrony of Spontaneous Cortical States at the Cortical Column Level. Cerebral Cortex, 2018, 28, 1794-1807.	1.6	14
20	From Adult Finger Tapping to Fetal Heart Beating: Retracing the Role of Coordination in Constituting Agency. Topics in Cognitive Science, 2018, 10, 18-35.	1.1	5
21	Thereâ€™s a SNARC in the Size Congruity Task. Frontiers in Psychology, 2018, 9, 1978.	1.1	7
22	In the interest of saving time: a critique of discrete perception. Neuroscience of Consciousness, 2018, 2018, niy003.	1.4	28
23	Presaccadic EEG activity predicts visual saliency in freeâ€viewing contour integration. Psychophysiology, 2018, 55, e13267.	1.2	17
24	Multi-Electrode Alpha tACS During Varying Background Tasks Fails to Modulate Subsequent Alpha Power. Frontiers in Neuroscience, 2018, 12, 428.	1.4	24
25	Critical dynamics, anesthesia and information integration: Lessons from multi-scale criticality analysis of voltage imaging data. NeuroImage, 2018, 183, 919-933.	2.1	31
26	Refixation control in free viewing: a specialized mechanism divulged by eye-movement-related brain activity. Journal of Neurophysiology, 2018, 120, 2311-2324.	0.9	9
27	Scene Buildup From Latent Memory Representations Across Eye Movements. Frontiers in Psychology, 2018, 9, 2701.	1.1	3
28	Perceptual Organization and Visual Target Selection. , 2018, , 183-209.		0
29	Visual Creativity Across Cultures: A Comparison Between Italians and Japanese. Creativity Research Journal, 2017, 29, 86-90.	1.7	5
30	Connections are not enough for membership: Letter/non-letter distinction persists through phonological association learning. Acta Psychologica, 2017, 176, 85-91.	0.7	6
31	Paradoxical perception of object identity in visual motion. Vision Research, 2017, 136, 1-14.	0.7	0
32	Self-organisation of small-world networks by adaptive rewiring in response to graph diffusion. Scientific Reports, 2017, 7, 13158.	1.6	22
33	Task modulates functional connectivity networks in free viewing behavior. NeuroImage, 2017, 159, 289-301.	2.1	14
34	A neural mass model of cross frequency coupling. PLoS ONE, 2017, 12, e0173776.	1.1	18
35	Analysis of an Interneuron Gamma Mechanism for Cross-Frequency Coupling. Mathematical Modelling of Natural Phenomena, 2017, 12, 53-73.	0.9	1
36	Intermittent regime of brain activity at the early, bias-guided stage of perceptual learning. Journal of Vision, 2016, 16, 11.	0.1	10

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37	Editorial: Color and Form Perception: Straddling the Boundary. Frontiers in Psychology, 2016, 7, 104.	1.1	9
38	System, Subsystem, Hive: Boundary Problems in Computational Theories of Consciousness. Frontiers in Psychology, 2016, 7, 1041.	1.1	13
39	Combining EEG and eye movement recording in free viewing: Pitfalls and possibilities. Brain and Cognition, 2016, 107, 55-83.	0.8	98
40	Intelligence and Creativity: Over the Threshold Together?. Creativity Research Journal, 2016, 28, 212-218.	1.7	23
41	Characterization and Computation of Partial Synchronization Manifolds for Diffusive Delay-Coupled Systems. SIAM Journal on Applied Dynamical Systems, 2016, 15, 1874-1915.	0.7	7
42	Coupling-modulated multi-stability and coherent dynamics in directed networks of heterogeneous nonlinear oscillators with modular topology. IFAC-PapersOnLine, 2016, 49, 62-67.	0.5	7
43	Connected word recognition using a cascaded neuro-computational model. Connection Science, 2016, 28, 332-345.	1.8	1
44	A neural mass model of phaseâ€“amplitude coupling. Biological Cybernetics, 2016, 110, 171-192.	0.6	13
45	Dynamic effective connectivity in cortically embedded systems of recurrently coupled synfire chains. Journal of Computational Neuroscience, 2016, 40, 1-26.	0.6	5
46	SNARC (spatialâ€“numerical association of response codes) meets SPARC (spatialâ€“pitch association of) Tj ETQq0 0 0 rgBT /Overlock 1 Experimental Psychology, 2016, 69, 1366-1383.	0.6	23
47	Global Neuromagnetic Cortical Fields Have Non-Zero Velocity. PLoS ONE, 2016, 11, e0148413.	1.1	17
48	Proof of concept: a spatial modular small-world self-organises by adaptive rewiring. BMC Neuroscience, 2015, 16, .	0.8	0
49	Effective connectivity analysis explains metastable states of ongoing activity in cortically embedded systems of coupled synfire chains. BMC Neuroscience, 2015, 16, .	0.8	0
50	Directed cycles and multi-stability of coherent dynamics in systems of coupled nonlinear oscillators. IFAC-PapersOnLine, 2015, 48, 19-24.	0.5	2
51	The role of complex systems theory in cognitive science. Cognitive Processing, 2015, 16, 315-317.	0.7	4
52	Synchronous oscillations in networks of time-delay coupled inert systems. IFAC-PapersOnLine, 2015, 48, 31-36.	0.5	1
53	Leaders Do Not Look Back, or Do They?. Mathematical Modelling of Natural Phenomena, 2015, 10, 212-231.	0.9	10
54	Orientation perception anisotropies indicate functional segregation within the color system. Journal of Vision, 2015, 15, 13.	0.1	3

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55	What makes you think you are conscious? An agnosticist manifesto. Frontiers in Human Neuroscience, 2015, 9, 170.	1.0	5
56	Donders is dead: cortical traveling waves and the limits of mental chronometry in cognitive neuroscience. Cognitive Processing, 2015, 16, 365-375.	0.7	22
57	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 et al .. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140315.	1.8	3
58	Is it really search or just matching? The influence of Goodness, number of stimuli and presentation sequence in sameâ€“different tasks. Psychological Research, 2015, 79, 42-63.	1.0	4
59	Distributed processing of color and form in the visual cortex. Frontiers in Psychology, 2014, 5, 932.	1.1	30
60	Reading as functional coordination: not recycling but a novel synthesis. Frontiers in Psychology, 2014, 5, 1046.	1.1	32
61	Letters in the forest: global precedence effect disappears for letters but not for non-letters under reading-like conditions. Frontiers in Psychology, 2014, 5, 705.	1.1	24
62	Perceptual awareness and its neural basis: bridging experimental and theoretical paradigms. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130203.	1.8	8
63	Efficiency of Conscious Access Improves with Coupling of Slow and Fast Neural Oscillations. Journal of Cognitive Neuroscience, 2014, 26, 1168-1179.	1.1	24
64	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
65	Spatially constrained adaptive rewiring in cortical networks creates spatially modular small world architectures. Cognitive Neurodynamics, 2014, 8, 479-497.	2.3	19
66	Spatial Proximity Rather Than Temporal Frequency Determines the Wagon Wheel Illusion. Perception, 2014, 43, 295-315.	0.5	5
67	Fixation duration surpasses pupil size as a measure of memory load in free viewing. Frontiers in Human Neuroscience, 2014, 8, 1063.	1.0	64
68	Adaptive observers and parameter estimation for a class of systems nonlinear in the parameters. Automatica, 2013, 49, 2409-2423.	3.0	79
69	High-capacity embedding of synfire chains in a cortical network model. Journal of Computational Neuroscience, 2013, 34, 185-209.	0.6	21
70	Processing statistics: An examination of focused and distributed attention using event related potentials. Vision Research, 2013, 85, 20-25.	0.7	16
71	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
72	Sensory optimization by stochastic tuning.. Psychological Review, 2013, 120, 798-816.	2.7	9

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73	Cross-frequency phase synchrony around the saccade period as a correlate of perceiver's internal state. Frontiers in Systems Neuroscience, 2013, 7, 18.	1.2	4
74	Antecedent occipital alpha band activity predicts the impact of oculomotor events in perceptual switching. Frontiers in Systems Neuroscience, 2013, 7, 19.	1.2	9
75	Visual encoding and fixation target selection in free viewing: presaccadic brain potentials. Frontiers in Systems Neuroscience, 2013, 7, 26.	1.2	27
76	Complex Network Topology and Dynamics in Networks Supporting Precisely-Timed Activity Patterns. , 2013, , 317-322.		1
77	The Origin of the Spatial Pattern of Amplitudes in Trial-Averaged MEG. , 2013, , 303-309.		0
78	Spontaneous EEG Activity and Biases in Perception of Supra-Threshold Stimuli. , 2013, , 289-295.		0
79	Rhythm Matters: A Case in Attentional Blink. , 2013, , 311-316.		0
80	Brain and Mind. Philosophia Scientiae, 2013, , 71-87.	0.1	1
81	"ViSA: A neurodynamic model for visuo-spatial working memory, attentional blink, and conscious access": Correction to Simione et al. (2012).. Psychological Review, 2012, 119, 769-769.	2.7	1
82	ViSA: A neurodynamic model for visuo-spatial working memory, attentional blink, and conscious access.. Psychological Review, 2012, 119, 745-769.	2.7	26
83	A century of Gestalt psychology in visual perception: II. Conceptual and theoretical foundations.. Psychological Bulletin, 2012, 138, 1218-1252.	5.5	324
84	Partial synchronization in diffusively time-delay coupled oscillator networks. Chaos, 2012, 22, 043144.	1.0	32
85	Fragmentation: loss of global coherence or breakdown of modularity in functional brain architecture?. Frontiers in Systems Neuroscience, 2012, 6, 20.	1.2	32
86	Creative reasoning across developmental levels: Convergence and divergence in problem creation. Intelligence, 2012, 40, 172-188.	1.6	47
87	Perception of Time in Articulated Visual Events. Frontiers in Psychology, 2012, 3, 564.	1.1	7
88	Relationship between neural response and adaptation selectivity to form and color: an ERP study. Frontiers in Human Neuroscience, 2012, 6, 89.	1.0	10
89	Restless minds, wandering brains. Advances in Consciousness Research, 2012, , 121-148.	0.2	5
90	Learning to read aligns visual analytical skills with grapheme-phoneme mapping: evidence from illiterates. Frontiers in Evolutionary Neuroscience, 2012, 4, 8.	3.7	30

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91	Eye fixation-related potentials in free viewing identify encoding failures in change detection. NeuroImage, 2011, 56, 1598-1607.	2.1	40
92	Attention meets memory: EEG cross-frequency interaction during an attentional blink task. Neuroscience Research, 2011, 71, e92.	1.0	0
93	Transposition effects in reading Japanese Kana: Are they orthographic in nature?. Memory and Cognition, 2011, 39, 700-707.	0.9	22
94	Generalization of learning by synchronous waves: from perceptual organization to invariant organization. Cognitive Neurodynamics, 2011, 5, 113-132.	2.3	8
95	Precisely timed oculomotor and parietal EEG activity in perceptual switching. Cognitive Neurodynamics, 2011, 5, 399-409.	2.3	17
96	Representational economy, not processing speed, determines preferred processing strategy of visual patterns. Acta Psychologica, 2010, 134, 290-298.	0.7	12
97	Mapping of contextual modulation in the population response of primary visual cortex. Cognitive Neurodynamics, 2010, 4, 1-24.	2.3	24
98	Functional specialization and dynamic resource allocation in visual cortex. Human Brain Mapping, 2010, 31, 1-13.	1.9	35
99	Perceptual preferences in depth stratification of transparent layers: Photometric and non-photometric factors. Journal of Vision, 2010, 10, 1-13.	0.1	18
100	Observers for Canonic Models of Neural Oscillators. Mathematical Modelling of Natural Phenomena, 2010, 5, 146-184.	0.9	18
101	A cascaded neuro-computational model for spoken word recognition. Connection Science, 2010, 22, 87-101.	1.8	2
102	Duration of Coherence Intervals in Electrical Brain Activity in Perceptual Organization. Cerebral Cortex, 2010, 20, 365-382.	1.6	22
103	Style and Spectral Power: Processing of Abstract and Representational Art in Artists and Non-Artists. Perception, 2010, 39, 1659-1671.	0.5	9
104	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
105	STATE AND PARAMETER ESTIMATION FOR CANONIC MODELS OF NEURAL OSCILLATORS. International Journal of Neural Systems, 2010, 20, 193-207.	3.2	16
106	Solving and Creating Raven Progressive Matrices: Reasoning in Well- and Ill-Defined Problem Spaces. Creativity Research Journal, 2010, 22, 304-319.	1.7	17
107	Color Binding in Visuo-Spatial Working Memory. Lecture Notes in Computer Science, 2010, , 179-190.	1.0	0
108	OMPC: an open-source MATLABÂ®-to-Python compiler. Frontiers in Neuroinformatics, 2009, 3, 5.	1.3	6

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109	Distributed Dynamical Computation in Neural Circuits with Propagating Coherent Activity Patterns. PLoS Computational Biology, 2009, 5, e1000611.	1.5	58
110	Practice begets the second target: task repetition and the attentional blink effect. Progress in Brain Research, 2009, 176, 123-134.	0.9	3
111	Symbiotic relationship between brain structure and dynamics. BMC Neuroscience, 2009, 10, 55.	0.8	166
112	Photometric, figural and crossmodal factors in the perception of transparency and in depth stratification of layers. Cognitive Processing, 2009, 10, 204-207.	0.7	0
113	Attentional interference facilitates skilled anticipatory action. Cognitive Processing, 2009, 10, 334-337.	0.7	0
114	Invariant template matching in systems with spatiotemporal coding: A matter of instability. Neural Networks, 2009, 22, 425-449.	3.3	25
115	Practice effect in Attentional Blink: an ERP study. Neuroscience Research, 2009, 65, S41.	1.0	1
116	Different letter-processing strategies in diagnostic subgroups of developmental dyslexia also occur in a transparent orthography: Reply to a commentary by Spinelli et al.. Cognitive Neuropsychology, 2009, 26, 759-768.	0.4	10
117	Different time courses of Stroop and Garner effects in perception â€" An Event-Related Potentials Study. NeuroImage, 2009, 45, 1272-1288.	2.1	29
118	Selective attention in visual short-term memory consolidation. NeuroReport, 2009, 20, 652-656.	0.6	7
119	Coupled Maps as Tool for Modeling Human Information Processing: Issues of Readout. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1-4.	0.4	0
120	Controlled but Independent: Effects of Mental Rotation and Developmental Dyslexia in Dual-Task Settings. Perception, 2009, 38, 1019-1034.	0.5	15
121	Dissociation of early evoked cortical activity in perceptual grouping. Experimental Brain Research, 2008, 186, 107-122.	0.7	33
122	Chaos breeds autonomy: connectionist design between bias and baby-sitting. Cognitive Processing, 2008, 9, 83-92.	0.7	16
123	Differentiation of holistic processing in the time course of letter recognition. Acta Psychologica, 2008, 129, 121-129.	0.7	20
124	Dissociating congruence effects in letters versus shapes: Kanji and kana. Acta Psychologica, 2008, 129, 138-146.	0.7	9
125	Goodness is central: Task invariance of perceptual organization in a dualâ€task setting¹. Japanese Psychological Research, 2008, 50, 193-203.	0.4	5
126	Quasi-stable EEG synchrony in resting and working brain. International Journal of Psychophysiology, 2008, 69, 202-203.	0.5	0

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127	Anticipated action consequences as a nexus between action and perception: Evidence from event-related potentials. Biological Psychology, 2008, 78, 53-65.	1.1	38
128	Nonuniform Small-Gain Theorems for Systems with Unstable Invariant Sets. SIAM Journal on Control and Optimization, 2008, 47, 849-882.	1.1	18
129	Different letter-processing strategies in diagnostic subgroups of developmental dyslexia. Cognitive Neuropsychology, 2008, 25, 730-744.	0.4	42
130	Procedural learning eliminates specific slowing down of response selection in patients with idiopathic Parkinson syndrome. Journal of Clinical and Experimental Neuropsychology, 2008, 30, 319-326.	0.8	2
131	Adaptive Classification of Temporal Signals in Fixed-Weight Recurrent Neural Networks: An Existence Proof. Neural Computation, 2008, 20, 2564-2596.	1.3	5
132	Non-uniform small-gain theorems for systems with unstable invariant sets. , 2008, , .		0
133	State and Parameter Estimation for Systems in Non-canonical Adaptive Observer Form. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 14372-14378.	0.4	4
134	Non-uniform Small-gain Theorems for Systems with Critical and Slow Relaxations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6269-6276.	0.4	0
135	Paradoxical Enhancement of Letter Recognition in Developmental Dyslexia. Developmental Neuropsychology, 2007, 31, 61-77.	1.0	65
136	Intermittent dynamics underlying the intrinsic fluctuations of the collective synchronization patterns in electrocortical activity. Physical Review E, 2007, 76, 011904.	0.8	55
137	Dynamically Maintained Spike Timing Sequences in Networks of Pulse-Coupled Oscillators with Delays. Physical Review Letters, 2007, 98, 048104.	2.9	37
138	Mental Rotation of Letters and Shapes in Developmental Dyslexia. Perception, 2007, 36, 617-631.	0.5	43
139	Dynamical properties of whole-head EEG synchronization: Spontaneous and evoked activity. Neuroscience Research, 2007, 58, S31.	1.0	0
140	EEG phase synchronizaion during attentional blink. Neuroscience Research, 2007, 58, S60.	1.0	0
141	Unsupervised adaptive optimization of motion-sensitive systems guided by measurement uncertainty. , 2007, , .		1
142	Small World Networks and the Brain. The Brain & Neural Networks, 2007, 14, 186-197.	0.1	3
143	Lack of effects between rupatadine 10â€‰mg and placebo on actual driving performance of healthy volunteers. Human Psychopharmacology, 2007, 22, 289-297.	0.7	40
144	Dynamics of spontaneous transitions between global brain states. Human Brain Mapping, 2007, 28, 904-913.	1.9	61

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145	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
146	Visual marking and change detection. Cognitive Processing, 2007, 8, 233-244.	0.7	7
147	Goodness takes effort: perceptual organization in dual-task settings. Psychological Research, 2007, 71, 152-169.	1.0	13
148	Collinearity, curvature interpolation, and the power of perceptual integration. Psychological Research, 2007, 71, 427-437.	1.0	2
149	Robust emergence of small-world structure in networks of spiking neurons. Cognitive Neurodynamics, 2007, 1, 39-51.	2.3	52
150	Occlusion Awaits Disclosure. , 2007, , 13-25.		0
151	Neural correlates of priming on occluded figure interpretation in human fusiform cortex. Neuroscience, 2006, 141, 1585-1597.	1.1	14
152	Asymmetric priming effects in visual processing of occlusion patterns. Perception & Psychophysics, 2006, 68, 946-958.	2.3	15
153	Transient Synchrony of Distant Brain Areas and Perceptual Switching in Ambiguous Figures. Biological Cybernetics, 2006, 94, 445-457.	0.6	43
154	We see the world the way we do because of how our brain activity moves. Cognitive Processing, 2006, 7, 4-6.	0.7	0
155	Location-based selection for storage in visuo-spatial working memory. Cognitive Processing, 2006, 7, 86-86.	0.7	1
156	Synchronization of chaotic neural networks via output or state coupling. Chaos, Solitons and Fractals, 2006, 30, 166-176.	2.5	58
157	The â€œMosaic Stageâ€•in Amodal Completion as Characterized by Magnetoencephalography Responses. Journal of Cognitive Neuroscience, 2006, 18, 1394-1405.	1.1	13
158	Phase plot manifestations in globally coupled maps: effects of scale. Connection Science, 2006, 18, 61-67.	1.8	0
159	ADAPTIVE REGULATION TO INVARIANT SETS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 19-24.	0.4	0
160	ADAPTATION AND NONLINEAR PARAMETRIZATION: NONLINEAR DYNAMICS PROSPECTIVE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 223-228.	0.4	1
161	Sketches from a Design Process: Creative Cognition Inferred From Intermediate Products. Cognitive Science, 2005, 29, 79-101.	0.8	55
162	Spatial and temporal structure of phase synchronization of spontaneous alpha EEG activity. Biological Cybernetics, 2005, 92, 54-60.	0.6	76

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163	Individual differences in perceptual switching rates; the role of occipital alpha and frontal theta band activity. Biological Cybernetics, 2005, 93, 343-354.	0.6	34
164	The laboratory for perceptual dynamics at the RIKEN BSI. Cognitive Processing, 2005, 6, 208-215.	0.7	0
165	Task-Invariant Aspects of Goodness in Perceptual Representation. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2005, 58, 1295-1310.	2.3	13
166	Individual Pattern Representations are Context Independent, but their Collectiverepresentation is Context Dependent. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2005, 58, 1265-1294.	2.3	20
167	Evoked phase synchronization between adjacent high-density electrodes in human scalp EEG: Duration and time course related to behavior. Clinical Neurophysiology, 2005, 116, 2403-2419.	0.7	10
168	Local phase synchronization of event-related activity modulated by visual attention. International Congress Series, 2005, 1278, 369-372.	0.2	0
169	Phase Synchronization Analysis of EEG during Attentional Blink. Journal of Cognitive Neuroscience, 2005, 17, 1969-1979.	1.1	37
170	Adaptive rewiring in chaotic networks renders small-world connectivity with consistent clusters. Europhysics Letters, 2004, 65, 459-464.	0.7	42
171	Spatio-temporal dynamics of human EEG alpha activity during resting state. AIP Conference Proceedings, 2004, , .	0.3	0
172	Flexibility in spatial and non-spatial feature grouping: an event-related potentials study. Cognitive Brain Research, 2004, 22, 13-25.	3.3	14
173	Negative and positive congruence effects in letters and shapes. Perception & Psychophysics, 2004, 66, 908-925.	2.3	52
174	Negative congruence effects in letter and pseudo-letter recognition: the role of similarity and response conflict. Cognitive Processing, 2004, 5, 239-248.	0.7	27
175	Evolution to a small-world network with chaotic units. Europhysics Letters, 2004, 67, 328-333.	0.7	84
176	Effect of proximity and local orientation on evoked electrical brain activity in perceptual grouping. International Congress Series, 2004, 1270, 283-286.	0.2	0
177	Amodal Completion as Reflected by Gaze Durations. Perception, 2004, 33, 1185-1200.	0.5	11
178	Nonlinearity in giant depolarizing potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 319, 167-172.	0.9	10
179	Emergence of scale-free network with chaotic units. Physica A: Statistical Mechanics and Its Applications, 2003, 321, 679-688.	1.2	35
180	Scale-invariant fluctuations of the dynamical synchronization in human brain electrical activity. Neuroscience Letters, 2003, 336, 33-36.	1.0	70

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181	Dynamic synchronization and chaos in an associative neural network with multiple active memories. Chaos, 2003, 13, 1090-1104.	1.0	32
182	Parameter Estimation of Sigmoid Superpositions: Dynamical System Approach. Neural Computation, 2003, 15, 2419-2455.	1.3	11
183	Perceptual Switching, Eye Movements, and the Bus Paradox. Perception, 2003, 32, 681-698.	0.5	44
184	Finite form realizations of adaptive control algorithms. , 2003, , .		7
185	Robustness and consistency of dynamic clustering in complex systems. Connection Science, 2002, 14, 203-217.	1.8	2
186	Activation and coherence in memory processes: Revisiting the Parallel Distributed Processing approach to retrieval. Connection Science, 2001, 13, 349-382.	1.8	33
187	Chaos and neural coding: Is the binding problem a pseudo-problem?. Behavioral and Brain Sciences, 2001, 24, 826-827.	0.4	4
188	Regularities, context, and neural coding: Are universals reflected in the experienced world?. Behavioral and Brain Sciences, 2001, 24, 701-702.	0.4	3
189	Visual illusions, solid/outline invariance and non-stationary activity patterns. Connection Science, 2000, 12, 279-297.	1.8	8
190	Creative discovery in imagery and perception: Combining is relatively easy, restructuring takes a sketch. Acta Psychologica, 1998, 99, 177-200.	0.7	68
191	Sketching and creative discovery. Design Studies, 1998, 19, 519-546.	1.9	174
192	Anomalous orientation effects in the Bourdon illusion. Psychonomic Bulletin and Review, 1998, 5, 290-294.	1.4	1
193	Visual Perception on the Edge of Chaos. Advances in Psychology, 1998, , 289-314.	0.1	2
194	Regular spaces versus computing with chaos. Behavioral and Brain Sciences, 1998, 21, 482-484.	0.4	0
195	Visual search strategy and perceptual organization covary with individual preference and structural complexity. Acta Psychologica, 1997, 95, 141-164.	0.7	35
196	Stability and Intermittency in Large-Scale Coupled Oscillator Models for Perceptual Segmentation. Journal of Mathematical Psychology, 1997, 41, 319-344.	1.0	113
197	Stroop can occur without Garner interference: Strategic and mandatory influences in multidimensional stimuli. Perception & Psychophysics, 1995, 57, 379-392.	2.3	39
198	Foundations of perceptual theory. Acta Psychologica, 1995, 89, 283-290.	0.7	0

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199	Imagery, creativity and discovery: A cognitive approach. Acta Psychologica, 1995, 89, 293-295.	0.7	1
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