

# Giovani Pezzulo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180  
papers

6,606  
citations

41  
h-index

77  
g-index

211  
ext. papers

8,136  
ext. citations

3.4  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
180	Simulating homeostatic, allostatic and goal-directed forms of interoceptive control using active inference.. <i>Biological Psychology</i> , <b>2022</b> , 169, 108266	3.2	6
179	The evolution of brain architectures for predictive coding and active inference.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20200531	5.8	5
178	Shared population-level dynamics in monkey premotor cortex during solo action, joint action and action observation.. <i>Progress in Neurobiology</i> , <b>2021</b> , 210, 102214	10.9	1
177	Understanding, Explanation, and Active Inference. <i>Frontiers in Systems Neuroscience</i> , <b>2021</b> , 15, 772641	3.5	1
176	Changes of Mind after movement onset depend on the state of the motor system. <i>ENeuro</i> , <b>2021</b> ,	3.9	2
175	Hippocampal place cells encode global location but not connectivity in a complex space. <i>Current Biology</i> , <b>2021</b> , 31, 1221-1233.e9	6.3	13
174	Predictive Processing in Cognitive Robotics: A Review. <i>Neural Computation</i> , <b>2021</b> , 33, 1402-1432	2.9	7
173	Bodily Information and Top-Down Affective Priming Jointly Affect the Processing of Fearful Faces. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 625986	3.4	1
172	The epistemic value of conformity: Comment on "The sense of should: A biologically-based framework for modeling social pressure" by Jordan E. Theriault, Liane Young, and Lisa Feldman Barrett. <i>Physics of Life Reviews</i> , <b>2021</b> , 36, 74-76	2.1	2
171	Haptic communication optimises joint decisions and affords implicit confidence sharing. <i>Scientific Reports</i> , <b>2021</b> , 11, 1051	4.9	3
170	A framework to identify structured behavioral patterns within rodent spatial trajectories. <i>Scientific Reports</i> , <b>2021</b> , 11, 468	4.9	2
169	Moral decisions in the age of COVID-19: Your choices really matter.. <i>Social Sciences &amp; Humanities Open</i> , <b>2021</b> , 4, 100149	1.9	2
168	Bistability of somatic pattern memories: stochastic outcomes in bioelectric circuits underlying regeneration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20190765	5.8	8
167	Perception and misperception of bodily symptoms from an active inference perspective: Modelling the case of panic disorder. <i>Psychological Review</i> , <b>2021</b> , 128, 690-710	6.3	4
166	The secret life of predictive brains: what's spontaneous activity for?. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 730-743	14	19
165	The road towards understanding embodied decisions. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 131, 722-736	9	2
164	Active inference through whiskers. <i>Neural Networks</i> , <b>2021</b> , 144, 428-437	9.1	2

163	Disorders of morphogenesis as disorders of inference: Comment on "Morphogenesis as Bayesian inference: A variational approach to pattern formation and control in complex biological systems" by Michael Levin et al. <i>Physics of Life Reviews</i> , <b>2020</b> , 33, 112-114	2.1	1
162	Keep your interoceptive streams under control: An active inference perspective on anorexia nervosa. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2020</b> , 20, 427-440	3.5	14
161	From allostatic agents to counterfactual cognisers: active inference, biological regulation, and the origins of cognition. <i>Biology and Philosophy</i> , <b>2020</b> , 35, 1	1.7	36
160	Social epistemic actions. <i>Behavioral and Brain Sciences</i> , <b>2020</b> , 43, e113	0.9	
159	Differential neural dynamics underling pragmatic and semantic affordance processing in macaque ventral premotor cortex. <i>Scientific Reports</i> , <b>2019</b> , 9, 11700	4.9	4
158	Planning at decision time and in the background during spatial navigation. <i>Current Opinion in Behavioral Sciences</i> , <b>2019</b> , 29, 69-76	4	16
157	The future of sensorimotor communication research: Reply to comments on "The body talks: Sensorimotor communication and its brain and kinematic signatures". <i>Physics of Life Reviews</i> , <b>2019</b> , 28, 46-51	2.1	
156	An interoceptive illusion of effort induced by false heart-rate feedback. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 13897-13902	11.5	26
155	Caching mechanisms for habit formation in Active Inference. <i>Neurocomputing</i> , <b>2019</b> , 359, 298-314	5.4	10
154	The body talks: Sensorimotor communication and its brain and kinematic signatures. <i>Physics of Life Reviews</i> , <b>2019</b> , 28, 1-21	2.1	41
153	Tracking the Time Course of Bayesian Inference With Event-Related Potentials:A Study Using the Central Cue Posner Paradigm. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 1424	3.4	6
152	Words as social tools: Flexibility, situatedness, language and sociality in abstract concepts: Reply to comments on "Words as social tools: Language, sociality and inner grounding in abstract concepts". <i>Physics of Life Reviews</i> , <b>2019</b> , 29, 178-184	2.1	6
151	Symptom Perception From a Predictive Processing Perspective. <i>Clinical Psychology in Europe</i> , <b>2019</b> , 1,	2.5	15
150	The value of uncertainty: An active inference perspective. <i>Behavioral and Brain Sciences</i> , <b>2019</b> , 42, e47	0.9	4
149	Making the Environment an Informative Place: A Conceptual Analysis of Epistemic Policies and Sensorimotor Coordination. <i>Entropy</i> , <b>2019</b> , 21,	2.8	6
148	Local high-frequency vibration therapy following eccentric exercises reduces muscle soreness perception and posture alterations in elite athletes. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 539-549	3.4	5
147	Words as social tools: Language, sociality and inner grounding in abstract concepts. <i>Physics of Life Reviews</i> , <b>2019</b> , 29, 120-153	2.1	71
146	An information-theoretic perspective on the costs of cognition. <i>Neuropsychologia</i> , <b>2019</b> , 123, 5-18	3.2	41

145	Hierarchical Active Inference: A Theory of Motivated Control. <i>Trends in Cognitive Sciences</i> , <b>2018</b> , 22, 294-306	3.6	119
144	Evidence for sparse synergies in grasping actions. <i>Scientific Reports</i> , <b>2018</b> , 8, 616	4.9	12
143	Increased heart rate after exercise facilitates the processing of fearful but not disgusted faces. <i>Scientific Reports</i> , <b>2018</b> , 8, 398	4.9	18
142	. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2018</b> , 10, 903-917	3	7
141	Feel the Time. Time Perception as a Function of Interoceptive Processing. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 74	3.3	32
140	Commentary: Respiration-Entrained Brain Rhythms Are Global but Often Overlooked. <i>Frontiers in Systems Neuroscience</i> , <b>2018</b> , 12, 25	3.5	20
139	Embodying Markov blankets: Comment on "Answering Schrödinger's question: A free-energy formulation" by Maxwell James D'Ormeau Ramstead et al. <i>Physics of Life Reviews</i> , <b>2018</b> , 24, 32-36	2.1	5
138	Commentary: The Problem of Mental Action: Predictive Control Without Sensory Sheets. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 1291	3.4	5
137	Model-based spatial navigation in the hippocampus-ventral striatum circuit: A computational analysis. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006316	5	11
136	Realigning Models of Habitual and Goal-Directed Decision-Making <b>2018</b> , 407-428		12
135	Consensus Paper: Towards a Systems-Level View of Cerebellar Function: the Interplay Between Cerebellum, Basal Ganglia, and Cortex. <i>Cerebellum</i> , <b>2017</b> , 16, 203-229	4.3	187
134	Action perception as hypothesis testing. <i>Cortex</i> , <b>2017</b> , 89, 45-60	3.8	47
133	Endogenous Bioelectric Signaling Networks: Exploiting Voltage Gradients for Control of Growth and Form. <i>Annual Review of Biomedical Engineering</i> , <b>2017</b> , 19, 353-387	12	121
132	Internally generated hippocampal sequences as a vantage point to probe future-oriented cognition. <i>Annals of the New York Academy of Sciences</i> , <b>2017</b> , 1396, 144-165	6.5	39
131	You cannot speak and listen at the same time: a probabilistic model of turn-taking. <i>Biological Cybernetics</i> , <b>2017</b> , 111, 165-183	2.8	8
130	Fatigue modulates dopamine availability and promotes flexible choice reversals during decision making. <i>Scientific Reports</i> , <b>2017</b> , 7, 535	4.9	19
129	Avoiding Accidents at the Champagne Reception. <i>Psychological Science</i> , <b>2017</b> , 28, 338-345	7.9	26
128	Dynamic lexical decisions in French: Evidence for a feedback inconsistency effect. <i>Acta Psychologica</i> , <b>2017</b> , 180, 23-32	1.7	7

127	Fatigue increases the perception of future effort during decision making. <i>Psychology of Sport and Exercise</i> , <b>2017</b> , 33, 150-160	4.2	22
126	Active Inference, Curiosity and Insight. <i>Neural Computation</i> , <b>2017</b> , 29, 2633-2683	2.9	138
125	The influence of communication mode on written language processing and beyond. <i>Behavioral and Brain Sciences</i> , <b>2017</b> , 40, e47	0.9	1
124	Active Inference: A Process Theory. <i>Neural Computation</i> , <b>2017</b> , 29, 1-49	2.9	433
123	Sensorimotor Coarticulation in the Execution and Recognition of Intentional Actions. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 237	3.4	8
122	A Goal-Directed Bayesian Framework for Categorization. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 408	3.4	6
121	Model-Based Approaches to Active Perception and Control. <i>Entropy</i> , <b>2017</b> , 19, 266	2.8	21
120	Active inference and learning. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 68, 862-879	9	243
119	Toward mechanistic models of action-oriented and detached cognition. <i>Behavioral and Brain Sciences</i> , <b>2016</b> , 39, e130	0.9	1
118	Top-down models in biology: explanation and control of complex living systems above the molecular level. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	73
117	Active Inference, epistemic value, and vicarious trial and error. <i>Learning and Memory</i> , <b>2016</b> , 23, 322-38	2.8	36
116	Prospective and Pavlovian mechanisms in aversive behaviour. <i>Cognition</i> , <b>2016</b> , 146, 415-25	3.5	15
115	Learning programs is better than learning dynamics: A programmable neural network hierarchical architecture in a multi-task scenario. <i>Adaptive Behavior</i> , <b>2016</b> , 24, 27-51	1.1	12
114	The effects of phonological similarity on the semantic categorisation of pictorial and lexical stimuli: evidence from continuous behavioural measures. <i>Journal of Cognitive Psychology</i> , <b>2016</b> , 28, 159-170	0.9	9
113	Problem Solving as Probabilistic Inference with Subgoalting: Explaining Human Successes and Pitfalls in the Tower of Hanoi. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004864	5	28
112	Nonparametric Problem-Space Clustering: Learning Efficient Codes for Cognitive Control Tasks. <i>Entropy</i> , <b>2016</b> , 18, 61	2.8	17
111	The Mechanisms and Benefits of a Future-Oriented Brain <b>2016</b> , 267-284		4
110	The status of the simulative method in cognitive science: current debates and future prospects. <i>Paradigmi</i> , <b>2016</b> , 47-66		

109	Differential effects of visual uncertainty and contextual guidance on perceptual decisions: Evidence from eye and mouse tracking in visual search. <i>Journal of Vision</i> , <b>2016</b> , 16, 28	0.4	15
108	Predictive Technologies: Can Smart Tools Augment the Brain's Predictive Abilities?. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 186	5.1	2
107	Tracking and simulating dynamics of implicit stereotypes: A situated social cognition perspective. <i>Journal of Personality and Social Psychology</i> , <b>2016</b> , 111, 817-834	6.5	13
106	Prefrontal Goal Codes Emerge as Latent States in Probabilistic Value Learning. <i>Journal of Cognitive Neuroscience</i> , <b>2016</b> , 28, 140-57	3.1	42
105	Navigating the Affordance Landscape: Feedback Control as a Process Model of Behavior and Cognition. <i>Trends in Cognitive Sciences</i> , <b>2016</b> , 20, 414-424	14	197
104	Active inference and robot control: a case study. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	33
103	The eye in hand: predicting others' behavior by integrating multiple sources of information. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 2271-9	3.2	23
102	The intentional stance as structure learning: a computational perspective on mindreading. <i>Biological Cybernetics</i> , <b>2015</b> , 109, 453-67	2.8	8
101	Embodied choice: how action influences perceptual decision making. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004110	5	85
100	The role of synergies within generative models of action execution and recognition: a computational perspective: comment on "Grasping synergies: a motor-control approach to the mirror neuron mechanism" by A. D'Ausilio et al. <i>Physics of Life Reviews</i> , <b>2015</b> , 12, 114-7	2.1	4
99	How do you hold your mouse? Tracking the compatibility effect between hand posture and stimulus size. <i>Psychological Research</i> , <b>2015</b> , 79, 928-38	2.5	12
98	Knowing one's place: a free-energy approach to pattern regulation. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12,	4.1	113
97	Interactional leader-follower sensorimotor communication strategies during repetitive joint actions. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12, 0644	4.1	48
96	Combined effects of expectations and visual uncertainty upon detection and identification of a target in the fog. <i>Cognitive Processing</i> , <b>2015</b> , 16 Suppl 1, 343-8	1.5	14
95	A Programmer-Interpreter Neural Network Architecture for Prefrontal Cognitive Control. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550017	6.2	15
94	Active inference and epistemic value. <i>Cognitive Neuroscience</i> , <b>2015</b> , 6, 187-214	1.7	350
93	Re-membering the body: applications of computational neuroscience to the top-down control of regeneration of limbs and other complex organs. <i>Integrative Biology (United Kingdom)</i> , <b>2015</b> , 7, 1487-517	3.7	81
92	Active inference and cognitive-emotional interactions in the brain. <i>Behavioral and Brain Sciences</i> , <b>2015</b> , 38, e85	0.9	15

91	More gain less pain: balance control learning shifts the activation patterns of leg and neck muscles and increases muscular parsimony. <i>Experimental Brain Research</i> , <b>2015</b> , 233, 2103-14	2.3	13
90	Multiple timescales of body schema reorganization due to plastic surgery. <i>Human Movement Science</i> , <b>2015</b> , 42, 54-70	2.4	5
89	Active Inference, homeostatic regulation and adaptive behavioural control. <i>Progress in Neurobiology</i> , <b>2015</b> , 134, 17-35	10.9	342
88	Analysis of hand kinematics reveals inter-individual differences in intertemporal decision dynamics. <i>Experimental Brain Research</i> , <b>2015</b> , 233, 3597-611	2.3	19
87	Divide et impera: subgoalng reduces the complexity of probabilistic inference and problem solving. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12, 20141335	4.1	34
86	Tracking second thoughts: continuous and discrete revision processes during visual lexical decision. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116193	3.7	33
85	Interindividual variability in functional connectivity as long-term correlate of temporal discounting. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119710	3.7	17
84	Why do you fear the bogeyman? An embodied predictive coding model of perceptual inference. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2014</b> , 14, 902-11	3.5	56
83	Decision and action planning signals in human posterior parietal cortex during delayed perceptual choices. <i>European Journal of Neuroscience</i> , <b>2014</b> , 39, 1370-83	3.5	22
82	The Cat is on the Mat. or is it a Dog? Dynamic Competition in Perceptual Decision Making. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2014</b> , 44, 539-551	7.3	14
81	The why, what, where, when and how of goal-directed choice: neuronal and computational principles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	78
80	The principles of goal-directed decision-making: from neural mechanisms to computation and robotics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	20
79	Internally generated sequences in learning and executing goal-directed behavior. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 647-57	14	166
78	How active perception and attractor dynamics shape perceptual categorization: a computational model. <i>Neural Networks</i> , <b>2014</b> , 60, 1-16	9.1	5
77	Topological self-organization and prediction learning support both action and lexical chains in the brain. <i>Topics in Cognitive Science</i> , <b>2014</b> , 6, 476-91	2.5	12
76	The sensorimotor and social sides of the architecture of speech. <i>Behavioral and Brain Sciences</i> , <b>2014</b> , 37, 569-70; discussion 577-604	0.9	32
75	Goals reconfigure cognition by modulating predictive processes in the brain. <i>Behavioral and Brain Sciences</i> , <b>2014</b> , 37, 154-5	0.9	22
74	Consensus paper: the cerebellum's role in movement and cognition. <i>Cerebellum</i> , <b>2014</b> , 13, 151-77	4.3	573



73	Bounded Seed-AGI. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 85-96	0.9	6
72	The anticipatory construction of reality as a central concern for psychology and robotics. <i>New Ideas in Psychology</i> , <b>2013</b> , 31, 217-220	2.5	
71	<b>2013</b> ,		3
70	The contribution of brain sub-cortical loops in the expression and acquisition of action understanding abilities. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 2504-15	9	82
69	Action simulation in the human brain: Twelve questions. <i>New Ideas in Psychology</i> , <b>2013</b> , 31, 270-290	2.5	75
68	A spiking neuron model of the cortico-basal ganglia circuits for goal-directed and habitual action learning. <i>Neural Networks</i> , <b>2013</b> , 41, 212-24	9.1	36
67	Studying mirror mechanisms within generative and predictive architectures for joint action. <i>Cortex</i> , <b>2013</b> , 49, 2968-9	3.8	51
66	The effect of model uncertainty on cooperation in sensorimotor interactions. <i>Journal of the Royal Society Interface</i> , <b>2013</b> , 10, 20130554	4.1	13
65	Intentional strategies that make co-actors more predictable: the case of signaling. <i>Behavioral and Brain Sciences</i> , <b>2013</b> , 36, 371-2	0.9	10
64	Mental imagery in the navigation domain: a computational model of sensory-motor simulation mechanisms. <i>Adaptive Behavior</i> , <b>2013</b> , 21, 251-262	1.1	19
63	Human sensorimotor communication: a theory of signaling in online social interactions. <i>PLoS ONE</i> , <b>2013</b> , 8, e79876	3.7	90
62	The mixed instrumental controller: using value of information to combine habitual choice and mental simulation. <i>Frontiers in Psychology</i> , <b>2013</b> , 4, 92	3.4	97
61	Shared action spaces: a basis function framework for social re-calibration of sensorimotor representations supporting joint action. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 800	3.3	26
60	Visual word recognition in deaf readers: lexicality is modulated by communication mode. <i>PLoS ONE</i> , <b>2013</b> , 8, e59080	3.7	9
59	Learning Epistemic Actions in Model-Free Memory-Free Reinforcement Learning: Experiments with a Neuro-robotic Model. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 191-203	0.9	4
58	Simulation and Anticipation as Tools for Coordinating with the Future. <i>Advances in Intelligent Systems and Computing</i> , <b>2013</b> , 117-125	0.4	
57	Proactive action preparation: seeing action preparation as a continuous and proactive process. <i>Motor Control</i> , <b>2012</b> , 16, 386-424	1.3	15
56	The Interaction Engine—A Common Pragmatic Competence Across Linguistic and Nonlinguistic Interactions. <i>IEEE Transactions on Autonomous Mental Development</i> , <b>2012</b> , 4, 105-123		47



55	Working memory and mental imagery in cerebral palsy: a single case investigation. <i>Neurocase</i> , <b>2012</b> , 18, 298-304	0.8	10
54	Using hippocampal-striatal loops for spatial navigation and goal-directed decision-making. <i>Cognitive Processing</i> , <b>2012</b> , 13 Suppl 1, S125-9	1.5	22
53	Unfolding visual lexical decision in time. <i>PLoS ONE</i> , <b>2012</b> , 7, e35932	3.7	50
52	An Active Inference view of cognitive control. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 478	3.4	36
51	Aversive pavlovian responses affect human instrumental motor performance. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 134	5.1	17
50	Computational Grounded Cognition: a new alliance between grounded cognition and computational modeling. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 612	3.4	84
49	The mechanics of embodiment: a dialog on embodiment and computational modeling. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 5	3.4	87
48	The value of foresight: how prospection affects decision-making. <i>Frontiers in Neuroscience</i> , <b>2011</b> , 5, 79	5.1	46
47	Grounding Procedural and Declarative Knowledge in Sensorimotor Anticipation. <i>Mind and Language</i> , <b>2011</b> , 26, 78-114	1.6	78
46	Computational explorations of perceptual symbol systems theory. <i>New Ideas in Psychology</i> , <b>2011</b> , 29, 275-297	2.5	17
45	Research on cognitive robotics at the Institute of Cognitive Sciences and Technologies, National Research Council of Italy. <i>Cognitive Processing</i> , <b>2011</b> , 12, 367-74	1.5	1
44	What should I do next? Using shared representations to solve interaction problems. <i>Experimental Brain Research</i> , <b>2011</b> , 211, 613-30	2.3	103
43	Evolution of a predictive internal model in an embodied and situated agent. <i>Theory in Biosciences</i> , <b>2011</b> , 130, 259-76	1.3	12
42	Shared Representations as Coordination Tools for Interaction. <i>Review of Philosophy and Psychology</i> , <b>2011</b> , 2, 303-333	1.4	65
41	Learning to Grasp Information with Your Own Hands. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 398-399	0.9	1
40	Reading as active sensing: a computational model of gaze planning in word recognition. <i>Frontiers in Neurorobotics</i> , <b>2010</b> , 4, 6	3.4	8
39	Behavioral Implicit Communication (BIC). <i>International Journal of Ambient Computing and Intelligence</i> , <b>2010</b> , 2, 1-12	2.7	31
38	When affordances climb into your mind: advantages of motor simulation in a memory task performed by novice and expert rock climbers. <i>Brain and Cognition</i> , <b>2010</b> , 73, 68-73	2.7	97

37	<b>2010,</b>		9
36	Learning to Look in Different Environments: An Active-Vision Model Which Learns and Readapts Visual Routines. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 199-210	0.9	4
35	Emergence of an Internal Model in Evolving Robots Subjected to Sensory Deprivation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 575-586	0.9	4
34	DiPRA: a layered agent architecture which integrates practical reasoning and sensorimotor schemas. <i>Connection Science</i> , <b>2009</b> , 21, 297-326	2.8	5
33	Thinking as the control of imagination: a conceptual framework for goal-directed systems. <i>Psychological Research</i> , <b>2009</b> , 73, 559-77	2.5	126
32	From Sensorimotor to Higher-Level Cognitive Processes: An Introduction to Anticipatory Behavior Systems. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1-9	0.9	3
31	Coordinating with the Future: The Anticipatory Nature of Representation. <i>Minds and Machines</i> , <b>2008</b> , 18, 179-225	4.9	80
30	A Study of Off-Line Uses of Anticipation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 372-382	0.9	4
29	Introduction: Anticipation in Natural and Artificial Cognition. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 3-22	0.9	4
28	The Anticipatory Approach: Definitions and Taxonomies. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 23-43	0.9	10
27	Benefits of Anticipations in Cognitive Agents. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 45-62	0.9	5
26	Anticipatory, Goal-Directed Behavior. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 85-113	0.9	2
25	Designing modular architectures in the framework AKIRA. <i>Multiagent and Grid Systems</i> , <b>2007</b> , 3, 65-86	0.5	9
24	The symbol detachment problem. <i>Cognitive Processing</i> , <b>2007</b> , 8, 115-31	1.5	101
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1 Changes of mind after movement onset: a motor-state dependent decision-making process

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