Paco Calvo

List of Publications by Year in descending order

27 papers	555 citations	687363 13 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	241 citing authors

#	Article	IF	Citations
1	Predicting green: really radical (plant) predictive processing. Journal of the Royal Society Interface, 2017, 14, 20170096.	3.4	76
2	The philosophy of plant neurobiology: a manifesto. SynthÃˆse, 2016, 193, 1323-1343.	1.1	69
3	Plants are intelligent, hereâ€™s how. Annals of Botany, 2020, 125, 11-28.	2.9	68
4	Are plants sentient?. Plant, Cell and Environment, 2017, 40, 2858-2869.	5.7	56
5	Are plants cognitive? A reply to Adams. Studies in History and Philosophy of Science Part A, 2019, 73, 64-71.	1.2	31
6	Consciousness Facilitates Plant Behavior. Trends in Plant Science, 2020, 25, 216-217.	8.8	31
7	Conditions for minimal intelligence across eukaryota: a cognitive science perspective. Frontiers in Psychology, 2015, 6, 1329.	2.1	26
8	Consciousness and cognition in plants. Wiley Interdisciplinary Reviews: Cognitive Science, 2022, 13, e1578.	2.8	26
9	Augmented reality: An ecological blend. Cognitive Systems Research, 2017, 42, 58-72.	2.7	22
10	â€œFeature Detectionâ€•vs. â€œPredictive Codingâ€•Models of Plant Behavior. Frontiers in Psychology, 2016, 7, 1505.	2.1	17
11	Physiology and the (Neuro)biology of Plant Behavior: A Farewell to Arms. Trends in Plant Science, 2020, 25, 214-216.	8.8	17
12	The dynamics of plant nutation. Scientific Reports, 2020, 10, 19465.	3.3	17
13	Integrated information as a possible basis for plant consciousness. Biochemical and Biophysical Research Communications, 2021, 564, 158-165.	2.1	15
14	Cognition and intelligence of green plants. Information for animal scientists. Biochemical and Biophysical Research Communications, 2021, 564, 78-85.	2.1	15
15	General Issues in the Cognitive Analysis of Plant Learning and Intelligence. Signaling and Communication in Plants, 2018, , 35-49.	0.7	10
16	Zoocentrism in the weeds? Cultivating plant models for cognitive yield. Biology and Philosophy, 2020, 35, 1.	1.4	10
17	Where is Cognitive Science Heading?. Minds and Machines, 2009, 19, 301-318.	4.8	9
18	How Many Mechanisms Are Needed to Analyze Speech? A Connectionist Simulation of Structural Rule Learning in Artificial Language Acquisition. Cognitive Science, 2011, 35, 1243-1281.	1.7	9

#	Article	IF	Citations
19	Our sisters the plants? notes from phylogenetics and botany on plant kinship blindness. Plant Signaling and Behavior, 2021, 16, 2004769.	2.4	6
20	The Emergence of Systematicity in Minimally Cognitive Agents. , 2014, , 397-434.		4
21	Plant Bioinspired Ecological Robotics. Frontiers in Robotics and AI, 2020, 7, 79.	3.2	3
22	Plantae. , 2018, , 1-8.		3
23	Understanding brain circuits and their dynamics. Behavioral and Brain Sciences, 2010, 33, 274-275.	0.7	2
24	Enacting Plant-Inspired Robotics. Frontiers in Neurorobotics, 2021, 15, 772012.	2.8	2
25	Beyond â€œError-Correctionâ€• Frontiers in Psychology, 2012, 3, 423.	2.1	1
26	On plants and principles. Biology and Philosophy, 2021, 36, 1.	1.4	1
27	Plantae. , 2022, , 5333-5341.		0