

# Alvaro Moreno

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,129  
citations

331670

21  
h-index

233421

45  
g-index

62  
all docs

62  
docs citations

62  
times ranked

911  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Universal Definition of Life: Autonomy and Open-Ended Evolution. <i>Origins of Life and Evolution of Biospheres</i> , 2004, 34, 323-346.	1.9	282
2	An Organizational Account of Biological Functions. <i>British Journal for the Philosophy of Science</i> , 2009, 60, 813-841.	2.3	247
3	Biological Autonomy. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , .	0.4	215
4	Basic Autonomy as a Fundamental Step in the Synthesis of Life. <i>Artificial Life</i> , 2004, 10, 235-259.	1.3	158
5	On What Makes Certain Dynamical Systems Cognitive: A Minimally Cognitive Organization Program. <i>Adaptive Behavior</i> , 2006, 14, 171-185.	1.9	98
6	Adaptivity: From Metabolism to Behavior. <i>Adaptive Behavior</i> , 2008, 16, 325-344.	1.9	98
7	Biological regulation: controlling the system from within. <i>Biology and Philosophy</i> , 2016, 31, 237-265.	1.4	91
8	Biological Organization and Cross-Generation Functions. <i>British Journal for the Philosophy of Science</i> , 2011, 62, 583-606.	2.3	87
9	Autonomy in evolution: from minimal to complex life. <i>Synthese</i> , 2012, 185, 21-52.	1.1	77
10	Agency in Natural and Artificial Systems. <i>Artificial Life</i> , 2005, 11, 161-175.	1.3	58
11	Function in ecology: an organizational approach. <i>Biology and Philosophy</i> , 2014, 29, 123-141.	1.4	58
12	Enabling conditions for "open-ended evolution"™. <i>Biology and Philosophy</i> , 2007, 23, 67-85.	1.4	51
13	The autonomy of biological individuals and artificial models. <i>BioSystems</i> , 2008, 91, 309-319.	2.0	45
14	Organisms and their place in biology. <i>Theory in Biosciences</i> , 2000, 119, 209.	1.4	40
15	Emergence, Closure and Inter-level Causation in Biological Systems. <i>Erkenntnis</i> , 2013, 78, 153-178.	0.9	40
16	Organisational closure in biological organisms. <i>History and Philosophy of the Life Sciences</i> , 2010, 32, 269-88.	1.1	39
17	Cognition and Life: The Autonomy of Cognition. <i>Brain and Cognition</i> , 1997, 34, 107-129.	1.8	36
18	Biological pathology from an organizational perspective. <i>Theoretical Medicine and Bioethics</i> , 2015, 36, 83-95.	0.8	36

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19	Multicellular agency: an organizational view. <i>Biology and Philosophy</i> , 2015, 30, 333-357.	1.4	33
20	Organizational requirements for multicellular autonomy: insights from a comparative case study. <i>Biology and Philosophy</i> , 2014, 29, 851-884.	1.4	31
21	The problem of the emergence of functional diversity in prebiotic evolution. <i>Biology and Philosophy</i> , 2009, 24, 585-605.	1.4	30
22	The Impact of the Paradigm of Complexity on the Foundational Frameworks of Biology and Cognitive Science., 2011, , 311-333.		27
23	Defining Life or Bringing Biology to Life. <i>Origins of Life and Evolution of Biospheres</i> , 2010, 40, 203-213.	1.9	22
24	Synthetic Biology: Challenging Life in Order to Grasp, Use, or Extend It. <i>Biological Theory</i> , 2013, 8, 376-382.	1.5	19
25	The role of regulation in the origin and synthetic modelling of minimal cognition. <i>BioSystems</i> , 2016, 148, 12-21.	2.0	19
26	Hidden Concepts in the History and Philosophy of Origins-of-Life Studies: a Workshop Report. <i>Origins of Life and Evolution of Biospheres</i> , 2019, 49, 111-145.	1.9	19
27	Revising the Superorganism: An Organizational Approach to Complex Eusociality. <i>Frontiers in Psychology</i> , 2019, 10, 2653.	2.1	16
28	Assessment of platelet numbers and morphology in the peripheral blood smear. <i>Clinics in Laboratory Medicine</i> , 2002, 22, 193-213.	1.4	14
29	From complexity to simplicity: nature and symbols. <i>BioSystems</i> , 2001, 60, 149-157.	2.0	13
30	Organizational Malfunctions and the Notions of Health and Disease. <i>History, Philosophy and Theory of the Life Sciences</i> , 2016, , 101-120.	0.4	13
31	An Organisational Approach to Biological Communication. <i>Acta Biotheoretica</i> , 2019, 67, 103-128.	1.5	12
32	The Prednisone Dosage in the CHOP Chemotherapy Regimen for Non-Hodgkin's Lymphomas (NHL): Is There a Standard?. <i>Oncologist</i> , 2000, 5, 238-249.	3.7	10
33	Artificial Life and Philosophy. <i>Leonardo</i> , 2002, 35, 401-405.	0.3	8
34	Some conceptual issues in the transition from chemistry to biology. <i>History and Philosophy of the Life Sciences</i> , 2016, 38, 16.	1.1	8
35	Life as emergence: The roots of a new paradigm in theoretical biology. <i>World Futures</i> , 1991, 32, 133-149.	1.0	7
36	On the Origins of Information and Its Relevance for Biological Complexity. <i>Biological Theory</i> , 2006, 1, 227-229.	1.5	7

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37	Energetically Plausible Model of a Self-Maintaining Proto-cellular System. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 1423-1445.	1.9	7
38	Origin of life as the first MSTâ€™ control hierarchies and Interlevel relation. <i>World Futures</i> , 1995, 45, 139-154.	1.0	6
39	A systemic approach to the origin of biological organization. , 2007, , 243-268.		6
40	Definitions of life as epistemic tools that reflect and foster the advance of biological knowledge. <i>Synthese</i> , 2021, 198, 10565-10585.	1.1	6
41	Plurality of Explanatory Strategies in Biology: Mechanisms and Networks. <i>Synthese Library</i> , 2020, , 141-165.	0.2	6
42	On the nature of neural information: A critique of the received view 50 years later. <i>Neurocomputing</i> , 2008, 71, 681-692.	5.9	5
43	Structural and organisational conditions for being a machine. <i>Biology and Philosophy</i> , 2018, 33, 1.	1.4	5
44	Closure, Identity, and the Emergence of Formal Causation. <i>Annals of the New York Academy of Sciences</i> , 2000, 901, 112-121.	3.8	4
45	Key Issues Regarding the Origin, Nature, and Evolution of Complexity in Nature: Information as a Central Concept to Understand Biological Organization. <i>Emergence: Complexity and Organization</i> , 2002, 4, 63-76.	0.1	4
46	Functional Integration and Individuality in Prokaryotic Collective Organisations. <i>Acta Biotheoretica</i> , 2021, 69, 391-415.	1.5	3
47	The Construction of Biological â€™Inter-Identityâ€™™ as the Outcome of a Complex Process of Proto-cell Development in Prebiotic Evolution. <i>Frontiers in Physiology</i> , 2020, 11, 530.	2.8	3
48	Visual Perception and the Emergence of Minimal Representation. <i>Frontiers in Psychology</i> , 2021, 12, 660807.	2.1	3
49	The Origin of a Trans-Generational Organization in the Phenomenon of Biogenesis. <i>Frontiers in Physiology</i> , 2019, 10, 1222.	2.8	2
50	Key Issues Regarding the Origin, Nature, and Evolution of Complexity in Nature: Information as a Central Concept to Understand Biological Organization. <i>Emergence: Complexity and Organization</i> , 2002, 4, 63-76.	0.1	2
51	Teleology, Normativity and Functionality. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 63-87.	0.4	1
52	Organisms and Levels of Autonomy. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 141-165.	0.4	0
53	Constraints and Organisational Closure. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 1-38.	0.4	0
54	Biological Emergence and Inter-level Causation. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 39-61.	0.4	0

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55	Evolution: The Historical Dimension of Autonomy. History, Philosophy and Theory of the Life Sciences, 2015, , 111-139.	0.4	0