# Alvaro Moreno

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Functional Integration and Individuality in Prokaryotic Collective Organisations. Acta Biotheoretica, 2021, 69, 391-415. | 1.5 | 3 |
| 2 | Definitions of life as epistemic tools that reflect and foster the advance of biological knowledge. SynthÃˆse, 2021, 198, 10565-10585. | 1.1 | 6 |
| 3 | Visual Perception and the Emergence of Minimal Representation. Frontiers in Psychology, 2021, 12, 660807. | 2.1 | 3 |
| 4 | The Construction of Biological â€˜Inter-Identityâ€™ as the Outcome of a Complex Process of Protocell Development in Prebiotic Evolution. Frontiers in Physiology, 2020, 11, 530. | 2.8 | 3 |
| 5 | Plurality of Explanatory Strategies in Biology: Mechanisms and Networks. Synthese Library, 2020, , 141-165. | 0.2 | 6 |
| 6 | Hidden Concepts in the History and Philosophy of Origins-of-Life Studies: a Workshop Report. Origins of Life and Evolution of Biospheres, 2019, 49, 111-145. | 1.9 | 19 |
| 7 | An Organisational Approach to Biological Communication. Acta Biotheoretica, 2019, 67, 103-128. | 1.5 | 12 |
| 8 | The Origin of a Trans-Generational Organization in the Phenomenon of Biogenesis. Frontiers in Physiology, 2019, 10, 1222. | 2.8 | 2 |
| 9 | Revising the Superorganism: An Organizational Approach to Complex Eusociality. Frontiers in Psychology, 2019, 10, 2653. | 2.1 | 16 |
| 10 | Structural and organisational conditions for being a machine. Biology and Philosophy, 2018, 33, 1. | 1.4 | 5 |
| 11 | Organizational Malfunctions and the Notions of Health and Disease. History, Philosophy and Theory of the Life Sciences, 2016, , 101-120. | 0.4 | 13 |
| 12 | Some conceptual issues in the transition from chemistry to biology. History and Philosophy of the Life Sciences, 2016, 38, 16. | 1.1 | 8 |
| 13 | The role of regulation in the origin and synthetic modelling of minimal cognition. BioSystems, 2016, 148, 12-21. | 2.0 | 19 |
| 14 | Biological regulation: controlling the system from within. Biology and Philosophy, 2016, 31, 237-265. | 1.4 | 91 |
| 15 | Biological pathology from an organizational perspective. Theoretical Medicine and Bioethics, 2015, 36, 83-95. | 0.8 | 36 |
| 16 | Multicellular agency: an organizational view. Biology and Philosophy, 2015, 30, 333-357. | 1.4 | 33 |
| 17 | Organisms and Levels of Autonomy. History, Philosophy and Theory of the Life Sciences, 2015, , 141-165. | 0.4 | 0 |
| 18 | Teleology, Normativity and Functionality. History, Philosophy and Theory of the Life Sciences, 2015, , 63-87. | 0.4 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Constraints and Organisational Closure. History, Philosophy and Theory of the Life Sciences, 2015, , 1-38. | 0.4 | 0 |
| 20 | Biological Autonomy. History, Philosophy and Theory of the Life Sciences, 2015, , . | 0.4 | 215 |
| 21 | Biological Emergence and Inter-level Causation. History, Philosophy and Theory of the Life Sciences, 2015, , 39-61. | 0.4 | 0 |
| 22 | Evolution: The Historical Dimension of Autonomy. History, Philosophy and Theory of the Life Sciences, 2015, , 111-139. | 0.4 | 0 |
| 23 | Organizational requirements for multicellular autonomy: insights from a comparative case study. Biology and Philosophy, 2014, 29, 851-884. | 1.4 | 31 |
| 24 | Function in ecology: an organizational approach. Biology and Philosophy, 2014, 29, 123-141. | 1.4 | 58 |
| 25 | Synthetic Biology: Challenging Life in Order to Grasp, Use, or Extend It. Biological Theory, 2013, 8, 376-382. | 1.5 | 19 |
| 26 | Emergence, Closure and Inter-level Causation in Biological Systems. Erkenntnis, 2013, 78, 153-178. | 0.9 | 40 |
| 27 | Autonomy in evolution: from minimal to complex life. SynthÃˆse, 2012, 185, 21-52. | 1.1 | 77 |
| 28 | The Impact of the Paradigm of Complexity on the Foundational Frameworks of Biology and Cognitive Science. , 2011, , 311-333. | | 27 |
| 29 | Biological Organization and Cross-Generation Functions. British Journal for the Philosophy of Science, 2011, 62, 583-606. | 2.3 | 87 |
| 30 | Defining Life or Bringing Biology to Life. Origins of Life and Evolution of Biospheres, 2010, 40, 203-213. | 1.9 | 22 |
| 31 | Organisational closure in biological organisms. History and Philosophy of the Life Sciences, 2010, 32, 269-88. | 1.1 | 39 |
| 32 | The problem of the emergence of functional diversity in prebiotic evolution. Biology and Philosophy, 2009, 24, 585-605. | 1.4 | 30 |
| 33 | An Organizational Account of Biological Functions. British Journal for the Philosophy of Science, 2009, 60, 813-841. | 2.3 | 247 |
| 34 | The autonomy of biological individuals and artificial models. BioSystems, 2008, 91, 309-319. | 2.0 | 45 |
| 35 | On the nature of neural information: A critique of the received view 50 years later. Neurocomputing, 2008, 71, 681-692. | 5.9 | 5 |
| 36 | Adaptivity: From Metabolism to Behavior. Adaptive Behavior, 2008, 16, 325-344. | 1.9 | 98 |

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|---|---|---|---|
| 37 | A systemic approach to the origin of biological organization. , 2007, , 243-268. | | 6 |
| 38 | Enabling conditions for â€˜open-ended evolutionâ€™. Biology and Philosophy, 2007, 23, 67-85. | 1.4 | 51 |
| 39 | Energetically Plausible Model of a Self-Maintaining Protocellular System. Bulletin of Mathematical Biology, 2007, 69, 1423-1445. | 1.9 | 7 |
| 40 | On the Origins of Information and Its Relevance for Biological Complexity. Biological Theory, 2006, 1, 227-229. | 1.5 | 7 |
| 41 | On What Makes Certain Dynamical Systems Cognitive: A Minimally Cognitive Organization Program. Adaptive Behavior, 2006, 14, 171-185. | 1.9 | 98 |
| 42 | Agency in Natural and Artificial Systems. Artificial Life, 2005, 11, 161-175. | 1.3 | 58 |
| 43 | Basic Autonomy as a Fundamental Step in the Synthesis of Life. Artificial Life, 2004, 10, 235-259. | 1.3 | 158 |
| 44 | A Universal Definition of Life: Autonomy and Open-Ended Evolution. Origins of Life and Evolution of Biospheres, 2004, 34, 323-346. | 1.9 | 282 |
| 45 | Artificial Life and Philosophy. Leonardo, 2002, 35, 401-405. | 0.3 | 8 |
| 46 | Assessment of platelet numbers and morphology in the peripheral blood smear. Clinics in Laboratory Medicine, 2002, 22, 193-213. | 1.4 | 14 |
| 47 | Key Issues Regarding the Origin, Nature, and Evolution of Complexity in Nature: Information as a Central Concept to Understand Biological Organization. Emergence: Complexity and Organization, 2002, 4, 63-76. | 0.1 | 2 |
| 48 | Key Issues Regarding the Origin, Nature, and Evolution of Complexity in Nature: Information as a Central Concept to Understand Biological Organization. Emergence: Complexity and Organization, 2002, 4, 63-76. | 0.1 | 4 |
| 49 | From complexity to simplicity: nature and symbols. BioSystems, 2001, 60, 149-157. | 2.0 | 13 |
| 50 | Organisms and their place in biology. Theory in Biosciences, 2000, 119, 209. | 1.4 | 40 |
| 51 | The Prednisone Dosage in the CHOP Chemotherapy Regimen for Nonâ€Hodgkin's Lymphomas (NHL): Is There a Standard?. Oncologist, 2000, 5, 238-249. | 3.7 | 10 |
| 52 | Closure, Identity, and the Emergence of Formal Causation. Annals of the New York Academy of Sciences, 2000, 901, 112-121. | 3.8 | 4 |
| 53 | Cognition and Life: The Autonomy of Cognition. Brain and Cognition, 1997, 34, 107-129. | 1.8 | 36 |
| 54 | Origin of life as the first MSTâ€”control hierarchies and Interlevel relation. World Futures, 1995, 45, 139-154. | 1.0 | 6 |

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|---|---|---|---|
| 55 | Life as emergence: The roots of a new paradigm in theoretical biology. World Futures, 1991, 32, 133-149. | 1.0 | 7 |