

# T Alexander Dececchi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

864  
citations

687363

13  
h-index

642732

23  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding Our Way through Phenotypes. PLoS Biology, 2015, 13, e1002033.	5.6	178
2	Unification of multi-species vertebrate anatomy ontologies for comparative biology in Uberon. Journal of Biomedical Semantics, 2014, 5, 21.	1.6	121
3	BODY AND LIMB SIZE DISSOCIATION AT THE ORIGIN OF BIRDS: UNCOUPLING ALLOMETRIC CONSTRAINTS ACROSS A MACROEVOLUTIONARY TRANSITION. Evolution; International Journal of Organic Evolution, 2013, 67, 2741-2752.	2.3	80
4	The wings before the bird: an evaluation of flapping-based locomotory hypotheses in bird antecedents. PeerJ, 2016, 4, e2159.	2.0	69
5	Potential for Powered Flight Neared by Most Close Avialan Relatives, but Few Crossed Its Thresholds. Current Biology, 2020, 30, 4033-4046.e8.	3.9	65
6	Toward Synthesizing Our Knowledge of Morphology: Using Ontologies and Machine Reasoning to Extract Presence/Absence Evolutionary Phenotypes across Studies. Systematic Biology, 2015, 64, 936-952.	5.6	51
7	Assessing Arboreal Adaptations of Bird Antecedents: Testing the Ecological Setting of the Origin of the Avian Flight Stroke. PLoS ONE, 2011, 6, e22292.	2.5	44
8	The vertebrate taxonomy ontology: a framework for reasoning across model organism and species phenotypes. Journal of Biomedical Semantics, 2013, 4, 34.	1.6	39
9	Relating Ediacaran Fronds. Paleobiology, 2017, 43, 171-180.	2.0	37
10	Patristic evolutionary rates suggest a punctuated pattern in forelimb evolution before and after the origin of birds. Paleobiology, 2009, 35, 1-12.	2.0	21
11	Moving the mountain: analysis of the effort required to transform comparative anatomy into computable anatomy. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav040.	3.0	21
12	The ins and outs of Ediacaran discs. Precambrian Research, 2017, 300, 246-260.	2.7	21
13	Annotation of phenotypes using ontologies: a gold standard for the training and evaluation of natural language processing systems. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	19
14	Annotation of phenotypic diversity: decoupling data curation and ontology curation using Phenex. Journal of Biomedical Semantics, 2014, 5, 45.	1.6	16
15	Aerodynamics Show Membrane-Winged Theropods Were a Poor Gliding Dead-end. IScience, 2020, 23, 101574.	4.1	15
16	The fast and the frugal: Divergent locomotory strategies drive limb lengthening in theropod dinosaurs. PLoS ONE, 2020, 15, e0223698.	2.5	15
17	Cryogenian Aspidella from northwestern Canada. Precambrian Research, 2020, 336, 105507.	2.7	13
18	Ontogenetic and stratigraphic influence on observed phenotypic integration in the limb skeleton of a fossil tetrapod. Paleobiology, 2013, 39, 123-134.	2.0	12

#	ARTICLE	IF	CITATIONS
19	Vertebrate fossils (Dinosauria) from the Bonnet Plume Formation, Yukon Territory, Canada. Canadian Journal of Earth Sciences, 2012, 49, 396-411.	1.3	8
20	Phylogenetic relationships among the Rangeomorpha: the importance of outgroup selection and implications for their diversification. Canadian Journal of Earth Sciences, 2018, 55, 1223-1239.	1.3	7
21	Data Sources for Trait Databases: Comparing the Phenomic Content of Monographs and Evolutionary Matrices. PLoS ONE, 2016, 11, e0155680.	2.5	6
22	Morphological largess: can morphology offer more and be modelled as a stochastic evolutionary process?. , 0, 83-115.		2
23	Flight and echolocation evolved once in Chiroptera: comments on "The evolution of flight in bats: a novel hypothesis"™. Mammal Review, 2022, 52, 284-290.	4.8	2
24	Response to Serrano and Chiappe. Current Biology, 2021, 31, R372-R373.	3.9	1
25	RELATING EDIACARAN FRONDS. , 2016, , .		0
26	WHO ARE YOU?: INESTIGATING THE PHYLOGENETIC RELATIONSHIPS AMONG BILATERAL EDIACARAN TAXA. , 2017, , .		0
27	Title is missing!. , 2020, 15, e0223698.		0
28	Title is missing!. , 2020, 15, e0223698.		0
29	Title is missing!. , 2020, 15, e0223698.		0
30	Title is missing!. , 2020, 15, e0223698.		0
31	Title is missing!. , 2020, 15, e0223698.		0
32	Title is missing!. , 2020, 15, e0223698.		0