

# Norman MacLeod

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,585  
citations

516710

16  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1609  
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-resolution summary of Cambrian to Early Triassic marine invertebrate biodiversity. <i>Science</i> , 2020, 367, 272-277.	12.6	298
2	The Cretaceous-Tertiary biotic transition. <i>Journal of the Geological Society</i> , 1997, 154, 265-292.	2.1	247
3	Time to automate identification. <i>Nature</i> , 2010, 467, 154-155.	27.8	222
4	Morphometric Criteria for Sexing Juvenile Human Skeletons Using the Ilium. <i>Journal of Forensic Sciences</i> , 2008, 53, 269-278.	1.6	85
5	Constraint and adaptation in the evolution of carnivoran skull shape. <i>Paleobiology</i> , 2011, 37, 490-518.	2.0	77
6	Phylogenetic signals in morphometric data. <i>Systematics Association Special Volume</i> , 2002, , 100-138.	0.2	66
7	Comparative biogeographic analysis of planktic foraminiferal survivorship across the Cretaceous/Tertiary (K/T) boundary. <i>Paleobiology</i> , 1994, 20, 143-177.	2.0	62
8	The Maastrichtian-Danian radiation of triserial and biserial planktic foraminifera: Testing phylogenetic and adaptational hypotheses in the (micro)fossil record. <i>Marine Micropaleontology</i> , 1993, 21, 47-100.	1.2	47
9	Geometric morphometrics and geological shape-classification systems. <i>Earth-Science Reviews</i> , 2002, 59, 27-47.	9.1	45
10	An empirical assessment of the consistency of taxonomic identifications. <i>Marine Biology Research</i> , 2014, 10, 73-84.	0.7	44
11	The role of phylogeny in quantitative paleobiological data analysis. <i>Paleobiology</i> , 2001, 27, 226-240.	2.0	36
12	The quantitative assessment of archaeological artifact groups: Beyond geometric morphometrics. <i>Quaternary Science Reviews</i> , 2018, 201, 319-348.	3.0	36
13	Use of wing morphometrics to identify populations of the Old World screwworm fly, <i>Chrysomya bezziana</i> (Diptera: Calliphoridae): A preliminary study of the utility of museum specimens. <i>Acta Tropica</i> , 2014, 138, S49-S55.	2.0	26
14	Impacts and marine invertebrate extinctions. <i>Geological Society Special Publication</i> , 1998, 140, 217-246.	1.3	21
15	Eigensurface analysis, ecology, and modelling of morphological adaptation in the falconiform humerus (Falconiformes: Aves). <i>Zoological Journal of the Linnean Society</i> , 2012, 165, 390-419.	2.3	18
16	K/T redux. <i>Paleobiology</i> , 1996, 22, 311-317.	2.0	13
17	Use of landmark and outline morphometrics to investigate thecal form variation in crushed gogiid echinoderms. <i>Palaeoworld</i> , 2015, 24, 408-429.	1.1	12
18	The Direct Analysis of Digital Images (Eigenimage) with a Comment on the Use of Discriminant Analysis in Morphometrics. , 2015, , .		12

#	ARTICLE	IF	CITATIONS
19	Automated leaf physiognomic character identification from digital images. <i>Paleobiology</i> , 2015, 41, 528-553.	2.0	11
20	Morphology-Based Identification of <i>Bemisia tabaci</i> Cryptic Species Puparia via Embedded Group-Contrast Convolution Neural Network Analysis. <i>Systematic Biology</i> , 2022, 71, 1095-1109.	5.6	11
21	On the Use of Machine Learning in Morphometric Analysis. , 2017, , .		10
22	Species discrimination in the Lower Cretaceous (Albian) ammonite genus <i>Knemiceras</i> von Buch, 1848. <i>Palaeontographica, Abteilung A: Palaozoologie - Stratigraphie</i> , 2009, 290, 1-63.	2.1	10
23	Machine-learning strategies for testing patterns of morphological variation in small samples: sexual dimorphism in gray wolf ( <i>Canis lupus</i> ) crania. <i>BMC Biology</i> , 2020, 18, 113.	3.8	9
24	Identification of life-history stages in fusulinid foraminifera. <i>Marine Micropaleontology</i> , 2016, 122, 87-98.	1.2	8
25	Towards the automated identification of <i>Chrysomya</i> blow flies from wing images. <i>Medical and Veterinary Entomology</i> , 2018, 32, 323-333.	1.5	8
26	Morphometric Analysis of Two Eocene Related Radiolarian Species of the <i>Podocyrts</i> ( <i>Lampterium</i> ) Lineage. <i>Paleontological Research</i> , 2019, 23, 314.	1.0	5
27	The effect of dominant geometric themes on morphometric analyses (with special reference to coiled) <a href="#">Tj ETQq1 1 0,784314 rgbT /Ov</a>	1.4	2
28	Ford's Gamma Village Simulation Revisited: Highlighting the Need for a New Middle Range Theory of Archaeological Types <sup>1</sup> . <i>Archaeometry</i> , 2021, 63, 1081-1104.	1.3	2
29	Images, Totems, Types and Memes: Perspectives on an Iconological Mimetics. <i>The Cultureory and Critique</i> , 2009, 50, 185-208.	0.4	1
30	Geographical variation in Eurasian red squirrel ( <i>Sciurus vulgaris</i> L., 1758) mandibles and the issue of subspecies-level organization: a failure of history?. <i>Biological Journal of the Linnean Society</i> , 2019, , .	1.6	1
31	What you sample is what you get: ecomorphological variation in <i>Trithemis</i> (Odonata, Libellulidae) dragonfly wings reconsidered. <i>Bmc Ecology and Evolution</i> , 2022, 22, 43.	1.6	1
32	Molecular analysis of "anomalous primate" hair samples: a commentary on Sykes et al.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140843.	2.6	0
33	Artificial Intelligence in the Earth Sciences. <i>Encyclopedia of Earth Sciences Series</i> , 2021, , 1-13.	0.1	0