

# H David Sheets

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,713  
citations

331642

21  
h-index

302107

39  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1631  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Practical Introduction to Landmark-Based Geometric Morphometrics. The Paleontological Society Papers, 2010, 16, 163-188.	0.6	222
2	The ontogenetic dynamics of shape disparity. <i>Paleobiology</i> , 2003, 29, 139-156.	2.0	134
3	Comparison of geometric morphometric outline methods in the discrimination of age-related differences in feather shape. <i>Frontiers in Zoology</i> , 2006, 3, 15.	2.0	127
4	PATTERNS AND PROCESSES OF LATEST ORDOVICIAN GRAPTOLITE EXTINCTION AND RECOVERY BASED ON DATA FROM SOUTH CHINA. <i>Journal of Paleontology</i> , 2005, 79, 842-861.	0.8	97
5	SPATIOTEMPORAL REORGANIZATION OF GROWTH RATES IN THE EVOLUTION OF ONTOGENY. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1363-1371.	2.3	93
6	Graptoloid diversity and disparity became decoupled during the Ordovician mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3428-3433.	7.1	76
7	Do precocial mammals develop at a faster rate? A comparison of rates of skull development in <i>Sigmodon fulviventer</i> and <i>Mus musculus domesticus</i> . <i>Journal of Evolutionary Biology</i> , 2003, 16, 708-720.	1.7	75
8	Developmental regulation of skull morphology II: ontogenetic dynamics of covariance. <i>Evolution &amp; Development</i> , 2006, 8, 46-60.	2.0	75
9	Why the null matters: statistical tests, random walks and evolution. <i>Genetica</i> , 2001, 112/113, 105-125.	1.1	70
10	Uncorrelated change produces the apparent dependence of evolutionary rate on interval. <i>Paleobiology</i> , 2001, 27, 429-445.	2.0	59
11	Multivariate stasis in the dental morphology of the Paleocene-Eocene condylarth <i>Ectocion</i> . <i>Paleobiology</i> , 2007, 33, 248-260.	2.0	55
12	Investigation of simulated tectonic deformation in fossils using geometric morphometrics. <i>Paleobiology</i> , 2007, 33, 125-148.	2.0	46
13	A combined landmark and outline-based approach to ontogenetic shape change in the Ordovician trilobite <i>Triarthrus becki</i> . , 2004, , 67-82.		42
14	A study of multiple bitemarks inflicted in human skin by a single dentition using geometric morphometric analysis. <i>Forensic Science International</i> , 2011, 211, 1-8.	2.2	41
15	Statistical Evidence for the Similarity of the Human Dentition. <i>Journal of Forensic Sciences</i> , 2011, 56, 118-123.	1.6	40
16	Quantitative stratigraphy of the Wufeng and Lungmachi black shales and graptolite evolution during and after the Late Ordovician mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 389, 96-114.	2.3	36
17	Morphometric analysis of ontogeny and allometry of the Middle Ordovician trilobite <i>Triarthrus becki</i> . <i>Paleobiology</i> , 2002, 28, 364-377.	2.0	35
18	Graptolite community responses to global climate change and the Late Ordovician mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8380-8385.	7.1	29

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19	Dental Shape Match Rates in Selected and Orthodontically Treated Populations in New York State: A Two-dimensional Study*. <i>Journal of Forensic Sciences</i> , 2011, 56, 621-626.	1.6	28
20	Biogeography and Mass Extinction: Extirpation and re-invasion of <i>Normalograptus</i> species (Graptolithina) in the Late Ordovician Palaeotropics. <i>Proceedings of the Yorkshire Geological Society</i> , 2011, 58, 227-246.	0.3	27
21	Analysis of Body Measurements and Wing Shape to Discriminate <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae) in Washington State. <i>Annals of the Entomological Society of America</i> , 2009, 102, 1013-1028.	2.5	24
22	Similarity and match rates of the human dentition in three dimensions: relevance to bitemark analysis. <i>International Journal of Legal Medicine</i> , 2011, 125, 779-784.	2.2	23
23	Evolution of ontogenetic allometry shaping giant species: a case study from the damselfish genus <i>Dascyllus</i> (Pomacentridae). <i>Biological Journal of the Linnean Society</i> , 2009, 99, 99-117.	1.6	22
24	Analysis of Surstylus and Aculeus Shape and Size using Geometric Morphometrics to Discriminate <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae). <i>Annals of the Entomological Society of America</i> , 2011, 104, 105-114.	2.5	21
25	Multiple-Day Constancy as an Alternative to Pooling for Estimating Mark-Recapture Stopover Length in Nearctic-Neotropical Migrant Landbirds. <i>Auk</i> , 2005, 122, 319-328.	1.4	17
26	Shape measurement tools in footwear analysis: A statistical investigation of accidental characteristics over time. <i>Forensic Science International</i> , 2013, 232, 84-91.	2.2	17
27	Patterns of Variation and Match Rates of the Anterior Biting Dentition: Characteristics of a Database of 3 Scanned Dentitions. <i>Journal of Forensic Sciences</i> , 2013, 58, 60-68.	1.6	17
28	Size, shape, and systematics of the Silurian trilobite <i>Aulacopleura koninckii</i> . <i>Journal of Paleontology</i> , 2014, 88, 1120-1138.	0.8	15
29	Forensic Applications of Geometric Morphometrics. , 2012, , 419-434.		13
30	A CONOP9 composite taxon range chart for Ordovician conodonts from Baltoscandia: a framework for biostratigraphic correlation and maximum-likelihood biodiversity analyses. <i>Gff</i> , 2014, 136, 342-354.	1.2	13
31	Mathematical matching of a dentition to bitemarks: Use and evaluation of affine methods. <i>Forensic Science International</i> , 2011, 207, 111-118.	2.2	12
32	Superimposition methods. , 2004, , 105-128.		10
33	UTILITY OF OPEN POPULATION MODELS: LIMITATIONS POSED BY PARAMETER ESTIMABILITY IN THE STUDY OF MIGRATORY STOPOVER. <i>Wilson Journal of Ornithology</i> , 2006, 118, 513-526.	0.2	10
34	Rings without a lord? Enigmatic fossils from the lower Palaeozoic of Bohemia and the Carnic Alps. <i>Lethaia</i> , 2013, 46, 211-221.	1.4	10
35	Geographic and stratigraphic change in the morphology of <i>Triarthrus beckii</i> (Green) (Trilobita): a test of the Plus Åsa change model of evolution. <i>Lethaia</i> , 2009, 42, 108-125.	1.4	9
36	Bitemarks: Distortion and covariation of the maxillary and mandibular dentition as impressed in human skin. <i>Forensic Science International</i> , 2012, 223, 202-207.	2.2	9

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37	Distortion in Fingerprints: A Statistical Investigation using Shape Measurement Tools. Journal of Forensic Sciences, 2014, 59, 1113-1120.	1.6	7
38	Effect of systematic dental shape modification in bitemarks. Forensic Science International, 2013, 228, 61-69.	2.2	6
39	Horizon annealing: a collection-based approach to automated sequencing of the fossil record. Lethaia, 2012, 45, 532-547.	1.4	5
40	Partial Least Squares Analysis. , 2012, , 169-188.		5
41	A re-examination of the contributions of biofacies and geographic range to extinction risk in Ordovician graptolites. Gff, 2014, 136, 38-41.	1.2	5
42	The impact of geographic range, sampling, ecology, and time on extinction risk in the volatile clade Graptoloida. Paleobiology, 2017, 43, 85-113.	2.0	5
43	Simple Size and Shape Variables. , 2012, , 51-74.		4
44	Looking for scaling laws, or physics with nuts and shells. Physics Teacher, 1999, 37, 376-378.	0.3	3
45	Comparative Body Size and Shape Analyses of F1 Hybrid <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae). Annals of the Entomological Society of America, 2013, 106, 410-423.	2.5	3
46	A new approach to quantifying stratigraphical resolution: application to global stratotypes. Lethaia, 2017, 50, 407-423.	1.4	3
47	Statistical Approaches to Type Determination of the Ejector Marks on Cartridge Cases. Journal of Forensic Sciences, 2018, 63, 431-439.	1.6	3
48	Disparity and variation. , 2004, , 293-319.		2
49	Landmarks. , 2004, , 23-50.		2
50	Landmarks and Semilandmarks. , 2012, , 23-50.		2
51	Ordination Methods. , 2012, , 135-167.		2
52	Evolutionary Developmental Biology(1). , 2012, , 297-351.		2
53	Frequency measurement with a chromatic tuner. Physics Teacher, 1993, 31, 504-505.	0.3	1
54	Communicating with vectors. Physics Teacher, 1998, 36, 520-521.	0.3	1

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55	Growth and Shape: Measurements and Metrics. <i>Systematic Biology</i> , 2002, 51, 817-822.	5.6	1
56	<i>Ecological and Evolutionary Morphology.</i> , 2012, , 263-296.		1
57	Absence of Statistical and Scientific Ethos: The Common Denominator in Deficient Forensic Practices. <i>Statistics and Public Policy (Philadelphia, Pa )</i> , 2017, 4, 1-11.	1.6	1
58	The relationship between ontogeny and phylogeny. , 2004, , 321-361.		0