

H David Sheets

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,713
citations

377584

21
h-index

340414

39
g-index

58
all docs

58
docs citations

58
times ranked

1805
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Approaches to Type Determination of the Ejector Marks on Cartridge Cases. <i>Journal of Forensic Sciences</i> , 2018, 63, 431-439.	0.9	3
2	The impact of geographic range, sampling, ecology, and time on extinction risk in the volatile clade Graptoloida. <i>Paleobiology</i> , 2017, 43, 85-113.	1.3	5
3	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.	0.7	1
4	A new approach to quantifying stratigraphical resolution: application to global stratotypes. <i>Lethaia</i> , 2017, 50, 407-423.	0.6	3
5	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.	3.3	29
6	Size, shape, and systematics of the Silurian trilobite <i>Aulacopleura koninckii</i> . <i>Journal of Paleontology</i> , 2014, 88, 1120-1138.	0.5	15
7	Distortion in Fingerprints: A Statistical Investigation using Shape Measurement Tools. <i>Journal of Forensic Sciences</i> , 2014, 59, 1113-1120.	0.9	7
8	A re-examination of the contributions of biofacies and geographic range to extinction risk in Ordovician graptolites. <i>Gff</i> , 2014, 136, 38-41.	0.4	5
9	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.	0.4	13
10	Shape measurement tools in footwear analysis: A statistical investigation of accidental characteristics over time. <i>Forensic Science International</i> , 2013, 232, 84-91.	1.3	17
11	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.	1.0	36
12	Effect of systematic dental shape modification in bitemarks. <i>Forensic Science International</i> , 2013, 228, 61-69.	1.3	6
13	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.	0.9	17
14	Comparative Body Size and Shape Analyses of F1 Hybrid <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae). <i>Annals of the Entomological Society of America</i> , 2013, 106, 410-423.	1.3	3
15	Rings without a lord? Enigmatic fossils from the lower Palaeozoic of Bohemia and the Carnic Alps. <i>Lethaia</i> , 2013, 46, 211-221.	0.6	10
16	Horizon annealing: a collection-based approach to automated sequencing of the fossil record. <i>Lethaia</i> , 2012, 45, 532-547.	0.6	5
17	Landmarks and Semilandmarks. , 2012, , 23-50.		2
18	Ordination Methods. , 2012, , 135-167.		2

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19	Ecological and Evolutionary Morphology. , 2012, , 263-296.		1
20	Partial Least Squares Analysis. , 2012, , 169-188.		5
21	Evolutionary Developmental Biology(1). , 2012, , 297-351.		2
22	Forensic Applications of Geometric Morphometrics. , 2012, , 419-434.		13
23	Simple Size and Shape Variables. , 2012, , 51-74.		4
24	Bitemarks: Distortion and covariation of the maxillary and mandibular dentition as impressed in human skin. Forensic Science International, 2012, 223, 202-207.	1.3	9
25	Graptoloid diversity and disparity became decoupled during the Ordovician mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3428-3433.	3.3	76
26	Analysis of Surstylus and Aculeus Shape and Size using Geometric Morphometrics to Discriminate <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae). Annals of the Entomological Society of America, 2011, 104, 105-114.	1.3	21
27	Biogeography and Mass Extinction: Extirpation and re-invasion of <i>Normalograptus</i> species (Graptolithina) in the Late Ordovician Palaeotropics. Proceedings of the Yorkshire Geological Society, 2011, 58, 227-246.	0.2	27
28	Statistical Evidence for the Similarity of the Human Dentition. Journal of Forensic Sciences, 2011, 56, 118-123.	0.9	40
29	Dental Shape Match Rates in Selected and Orthodontically Treated Populations in New York State: A Two-dimensional Study*. Journal of Forensic Sciences, 2011, 56, 621-626.	0.9	28
30	A study of multiple bitemarks inflicted in human skin by a single dentition using geometric morphometric analysis. Forensic Science International, 2011, 211, 1-8.	1.3	41
31	Similarity and match rates of the human dentition in three dimensions: relevance to bitemark analysis. International Journal of Legal Medicine, 2011, 125, 779-784.	1.2	23
32	Mathematical matching of a dentition to bitemarks: Use and evaluation of affine methods. Forensic Science International, 2011, 207, 111-118.	1.3	12
33	A Practical Introduction to Landmark-Based Geometric Morphometrics. The Paleontological Society Papers, 2010, 16, 163-188.	0.8	222
34	Evolution of ontogenetic allometry shaping giant species: a case study from the damselfish genus <i>Dascyllus</i> (Pomacentridae). Biological Journal of the Linnean Society, 2009, 99, 99-117.	0.7	22
35	Geographic and stratigraphic change in the morphology of <i>Triarthrus beckii</i> (Green) (Trilobita): a test of the Plus Åa change model of evolution. Lethaia, 2009, 42, 108-125.	0.6	9
36	Analysis of Body Measurements and Wing Shape to Discriminate <i>Rhagoletis pomonella</i> and <i>Rhagoletis zephyria</i> (Diptera: Tephritidae) in Washington State. Annals of the Entomological Society of America, 2009, 102, 1013-1028.	1.3	24

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37	Investigation of simulated tectonic deformation in fossils using geometric morphometrics. <i>Paleobiology</i> , 2007, 33, 125-148.	1.3	46
38	Multivariate stasis in the dental morphology of the Paleocene-Eocene condylarth <i>Ectocion</i> . <i>Paleobiology</i> , 2007, 33, 248-260.	1.3	55
39	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.	0.1	10
40	Comparison of geometric morphometric outline methods in the discrimination of age-related differences in feather shape. <i>Frontiers in Zoology</i> , 2006, 3, 15.	0.9	127
41	Developmental regulation of skull morphology II: ontogenetic dynamics of covariance. <i>Evolution & Development</i> , 2006, 8, 46-60.	1.1	75
42	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.	0.7	17
43	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.	0.5	97
44	A combined landmark and outline-based approach to ontogenetic shape change in the Ordovician trilobite <i>Triarthrus becki</i> . , 2004, , 67-82.		42
45	Disparity and variation. , 2004, , 293-319.		2
46	Superimposition methods. , 2004, , 105-128.		10
47	The relationship between ontogeny and phylogeny. , 2004, , 321-361.		0
48	Landmarks. , 2004, , 23-50.		2
49	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.	0.8	75
50	The ontogenetic dynamics of shape disparity. <i>Paleobiology</i> , 2003, 29, 139-156.	1.3	134
51	Growth and Shape: Measurements and Metrics. <i>Systematic Biology</i> , 2002, 51, 817-822.	2.7	1
52	Morphometric analysis of ontogeny and allometry of the Middle Ordovician trilobite <i>Triarthrus becki</i> . <i>Paleobiology</i> , 2002, 28, 364-377.	1.3	35
53	Why the null matters: statistical tests, random walks and evolution. <i>Genetica</i> , 2001, 112/113, 105-125.	0.5	70
54	Uncorrelated change produces the apparent dependence of evolutionary rate on interval. <i>Paleobiology</i> , 2001, 27, 429-445.	1.3	59

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55	SPATIOTEMPORAL REORGANIZATION OF GROWTH RATES IN THE EVOLUTION OF ONTOGENY. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1363-1371.	1.1	93
56	Looking for scaling laws, or physics with nuts and shells. <i>Physics Teacher</i> , 1999, 37, 376-378.	0.2	3
57	Communicating with vectors. <i>Physics Teacher</i> , 1998, 36, 520-521.	0.2	1
58	Frequency measurement with a chromatic tuner. <i>Physics Teacher</i> , 1993, 31, 504-505.	0.2	1