

# Marc Emyr Huw Jones

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,809  
citations

257357

24  
h-index

289141

40  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clade-wide variation in bite-force performance is determined primarily by size, not ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212493.	1.2	4
2	Ontogenetic allometry underlies trophic diversity in sea turtles (Chelonioidae). <i>Evolutionary Ecology</i> , 2022, 36, 511-540.	0.5	7
3	Middle Jurassic fossils document an early stage in salamander evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
4	Redescription of the skull of the Australian flatback sea turtle, <i>Natator depressus</i> , provides new morphological evidence for phylogenetic relationships among sea turtles (Chelonioidae). <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 1090-1113.	1.0	2
5	Comparative cranial biomechanics in two lizard species: impact of variation in cranial design. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	14
6	Diverse vertebrate assemblage of the Kilmaluag Formation (Bathonian, Middle Jurassic) of Skye, Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2020, 111, 135-156.	0.3	19
7	<i>Colobops</i> : a juvenile rhynchocephalian reptile (Lepidosauromorpha), not a diminutive archosauromorph with an unusually strong bite. <i>Royal Society Open Science</i> , 2020, 7, 192179.	1.1	26
8	Disparities in the analysis of morphological disparity. <i>Biology Letters</i> , 2020, 16, 20200199.	1.0	60
9	Reproductive phenotype predicts adult bite force performance in sex-reversed dragons ( <i>Pogona</i> ). <i>Open Science</i> , 2020, 7, 20200199. 252-263.	0.9	14
10	Changes in ontogenetic patterns facilitate diversification in skull shape of Australian agamid lizards. <i>BMC Evolutionary Biology</i> , 2019, 19, 7.	3.2	18
11	Evolution of cranial shape in a continental-scale evolutionary radiation of Australian lizards. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2216-2229.	1.1	13
12	Digital dissection of the head of the rock dove ( <i>Columba livia</i> ) using contrast-enhanced computed tomography. <i>Zoological Letters</i> , 2019, 5, 17.	0.7	21
13	Exceptional Disparity in Australian Agamid Lizards is a Possible Result of Arrival into Vacant Niche. <i>Anatomical Record</i> , 2019, 302, 1536-1543.	0.8	6
14	Neutron scanning reveals unexpected complexity in the enamel thickness of an herbivorous Jurassic reptile. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180039.	1.5	19
15	Sole survivor of a once-diverse lineage. <i>Nature</i> , 2017, 545, 158-158.	13.7	7
16	Bite force in the horned frog ( <i>Ceratophrys cranwelli</i> ) with implications for extinct giant frogs. <i>Scientific Reports</i> , 2017, 7, 11963.	1.6	18
17	Geometric Morphometrics Provides an Alternative Approach for Interpreting the Affinity of Fossil Lizard Jaws. <i>Journal of Herpetology</i> , 2017, 51, 375-382.	0.2	21
18	A Review of Tooth Implantation Among Rhynchocephalians (Lepidosauria). <i>Journal of Herpetology</i> , 2017, 51, 300-306.	0.2	27

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19	Sesamoid bones in tuatara ( <i>Sphenodon punctatus</i> ) investigated with X-ray microtomography, and implications for sesamoid evolution in Lepidosauria. <i>Journal of Morphology</i> , 2017, 278, 62-72.	0.6	22
20	The biomechanical role of the chondrocranium and sutures in a lizard cranium. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170637.	1.5	24
21	Anatomy, morphology and evolution of the patella in squamate lizards and tuatara ( <i>Sphenodon</i> )	0.9	17
22	Aquatic adaptations in the four limbs of the snake-like reptile <i>Tetrapodophis</i> from the Lower Cretaceous of Brazil. <i>Cretaceous Research</i> , 2016, 66, 194-199.	0.6	20
23	Reliable quantification of bite-force performance requires use of appropriate biting substrate and standardization of bite out-lever. <i>Journal of Experimental Biology</i> , 2014, 217, 4303-12.	0.8	49
24	New Material of <i>Beelzebufo</i> , a Hyperossified Frog (Amphibia: Anura) from the Late Cretaceous of Madagascar. <i>PLoS ONE</i> , 2014, 9, e87236.	1.1	43
25	Integration of molecules and new fossils supports a Triassic origin for Lepidosauria (lizards, snakes,)	3.2	168
26	The importance of accurate muscle modelling for biomechanical analyses: a case study with a lizard skull. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130216.	1.5	66
27	Cranial sutures work collectively to distribute strain throughout the reptile skull. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130584.	1.5	2
28	Cranial sutures work collectively to distribute strain throughout the reptile skull. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130442.	1.5	54
29	Anurans from the Lower Cretaceous Jehol Group of Western Liaoning, China. <i>PLoS ONE</i> , 2013, 8, e69723.	1.1	42
30	Tooth and cranial disparity in the fossil relatives of <i>Sphenodon</i> ( <i>Rhynchocephalia</i> ) dispute the persistent "living fossil" label. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2194-2209.	0.8	39
31	Tuatara. <i>Current Biology</i> , 2012, 22, R986-R987.	1.8	29
32	A Late Cretaceous "tuatara" (Lepidosauria: Sphenodontinae) from South America. <i>Cretaceous Research</i> , 2012, 34, 154-160.	0.6	24
33	New information on the anatomy and systematic position of <i>Dinheirosaurus lourinhanensis</i> (Sauropoda: Diplodocoidea) from the Late Jurassic of Portugal, with a review of European diplodocoids. <i>Journal of Systematic Palaeontology</i> , 2012, 10, 521-551.	0.6	61
34	A new lizard skull from the Purbeck Limestone Group (Lower Cretaceous) of England. <i>Bulletin - Societe Geologique De France</i> , 2012, 183, 517-524.	0.9	11
35	The Head and Neck Anatomy of Sea Turtles (Cryptodira: Cheloniodea) and Skull Shape in Testudines. <i>PLoS ONE</i> , 2012, 7, e47852.	1.1	67
36	Shearing Mechanics and the Influence of a Flexible Symphysis During Oral Food Processing in <i>Sphenodon</i> (Lepidosauria: Rhynchocephalia). <i>Anatomical Record</i> , 2012, 295, C1-C1.	0.8	0

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37	Shearing Mechanics and the Influence of a Flexible Symphysis During Oral Food Processing in <i>Sphenodon</i> (Lepidosauria: Rhynchocephalia). <i>Anatomical Record</i> , 2012, 295, 1075-1091.	0.8	37
38	Functional Relationship between Skull Form and Feeding Mechanics in <i>Sphenodon</i> , and Implications for Diapsid Skull Development. <i>PLoS ONE</i> , 2011, 6, e29804.	1.1	30
39	The Origin, Early History and Diversification of Lepidosauromorph Reptiles. <i>Lecture Notes in Earth Sciences</i> , 2010, , 27-44.	0.5	65
40	Comparison between in vivo and theoretical bite performance: Using multi-body modelling to predict muscle and bite forces in a reptile skull. <i>Journal of Biomechanics</i> , 2010, 43, 2804-2809.	0.9	35
41	Feedback control from the jaw joints during biting: An investigation of the reptile <i>Sphenodon</i> using multibody modelling. <i>Journal of Biomechanics</i> , 2010, 43, 3132-3137.	0.9	13
42	Predicting muscle activation patterns from motion and anatomy: modelling the skull of <i>Sphenodon</i> (Diapsida: Rhynchocephalia). <i>Journal of the Royal Society Interface</i> , 2010, 7, 153-160.	1.5	49
43	A sphenodontine (Rhynchocephalia) from the Miocene of New Zealand and palaeobiogeography of the tuatara ( <i>Sphenodon</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1385-1390.	1.2	91
44	Assessment of the role of sutures in a lizard skull: a computer modelling study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 39-46.	1.2	100
45	A new Early Cretaceous salamander ( <i>Regalerpeton weichangensis</i> gen. et sp. nov.) from the Huajiying Formation of northeastern China. <i>Cretaceous Research</i> , 2009, 30, 551-558.	0.6	29
46	A new stem turtle from the Middle Jurassic of Scotland: new insights into the evolution and palaeoecology of basal turtles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 879-886.	1.2	63
47	Bite force performance of the last rhynchocephalian (Lepidosauria: <i>Sphenodon</i> ). <i>Journal of the Royal Society of New Zealand</i> , 2009, 39, 71-83.	1.0	39
48	Skull shape and feeding strategy in <i>Sphenodon</i> and other Rhynchocephalia (Diapsida:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	0.6	90
49	A giant frog with South American affinities from the Late Cretaceous of Madagascar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2951-2956.	3.3	91
50	A juvenile anuran from the Lower Cretaceous Jiufotang Formation, Liaoning, China. <i>Cretaceous Research</i> , 2007, 28, 235-244.	0.6	14
51	An aggregation of lizard skeletons from the Lower Cretaceous of China. <i>Senckenbergiana Lethaea</i> , 2007, 87, 109-118.	0.3	15