

David J Button

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

432
citations

933447

10
h-index

1281871

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g-index

11
all docs

11
docs citations

11
times ranked

448
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mass extinctions drove increased global faunal cosmopolitanism on the supercontinent Pangaea. <i>Nature Communications</i> , 2017, 8, 733. | 12.8 | 64 |
| 2 | Cranial biomechanics underpins high sauropod diversity in resource-poor environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20142114. | 2.6 | 63 |
| 3 | Decoupled form and function in disparate herbivorous dinosaur clades. <i>Scientific Reports</i> , 2016, 6, 26495. | 3.3 | 57 |
| 4 | Cranial biomechanics of <i>Diplodocus</i> (Dinosauria, Sauropoda): testing hypotheses of feeding behaviour in an extinct megaherbivore. <i>Die Naturwissenschaften</i> , 2012, 99, 637-643. | 1.6 | 50 |
| 5 | Diversity change during the rise of tetrapods and the impact of the ~Carboniferous rainforest collapse™. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172730. | 2.6 | 48 |
| 6 | Comparative cranial myology and biomechanics of <i>Plateosaurus</i> and <i>Camarasaurus</i> and evolution of the sauropod feeding apparatus. <i>Palaeontology</i> , 2016, 59, 887-913. | 2.2 | 43 |
| 7 | Repeated Evolution of Divergent Modes of Herbivory in Non-avian Dinosaurs. <i>Current Biology</i> , 2020, 30, 158-168.e4. | 3.9 | 38 |
| 8 | Craniodental functional evolution in sauropodomorph dinosaurs. <i>Paleobiology</i> , 2017, 43, 435-462. | 2.0 | 26 |
| 9 | 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. | 1.3 | 21 |
| 10 | Increases in sampling support the southern Gondwanan hypothesis for the origin of dinosaurs. <i>Palaeontology</i> , 2019, 62, 473-482. | 2.2 | 17 |
| 11 | Cranial functional morphology of the pseudosuchian <i>Effigia</i> and implications for its ecological role in the Triassic. <i>Anatomical Record</i> , 2022, 305, 2435-2462. | 1.4 | 5 |