

Matt Vickaryous

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,731
citations

394286

19
h-index

345118

36
g-index

40
all docs

40
docs citations

40
times ranked

1915
citing authors

#	ARTICLE	IF	CITATIONS
1	Human cell type diversity, evolution, development, and classification with special reference to cells derived from the neural crest. <i>Biological Reviews</i> , 2006, 81, 425.	4.7	214
2	The integumentary skeleton of tetrapods: origin, evolution, and development. <i>Journal of Anatomy</i> , 2009, 214, 441-464.	0.9	167
3	Development of the dermal skeleton in <i>Alligator mississippiensis</i> (Archosauria, Crocodylia) with comments on the homology of osteoderms. <i>Journal of Morphology</i> , 2008, 269, 398-422.	0.6	162
4	A novel amniote model of epimorphic regeneration: the leopard gecko, <i>Eublepharis macularius</i> . <i>BMC Developmental Biology</i> , 2011, 11, 50.	2.1	140
5	Signalling by Transforming Growth Factor Beta Isoforms in Wound Healing and Tissue Regeneration. <i>Journal of Developmental Biology</i> , 2016, 4, 21.	0.9	122
6	Ankylosauria. , 2004, , 363-392.		117
7	Osteoderm morphology and development in the nine-banded armadillo, <i>Dasypus novemcinctus</i> (Mammalia, Xenarthra, Cingulata). <i>Journal of Morphology</i> , 2006, 267, 1273-1283.	0.6	105
8	The Anatomy and Histology of Caudal Autotomy and Regeneration in Lizards. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 631-644.	0.6	91
9	An Embryonic Staging Table for <i>In Ovo</i> Development of <i>Eublepharis macularius</i> , the Leopard Gecko. <i>Anatomical Record</i> , 2009, 292, 1198-1212.	0.8	88
10	A redescription of the skull of <i>Euoplocephalus tutus</i> (Archosauria: Ornithischia): a foundation for comparative and systematic studies of ankylosaurian dinosaurs. <i>Zoological Journal of the Linnean Society</i> , 2003, 137, 157-186.	1.0	47
11	Tail regeneration and other phenomena of wound healing and tissue restoration in lizards. <i>Journal of Experimental Biology</i> , 2017, 220, 2858-2869.	0.8	44
12	Homology of the reptilian coracoid and a reappraisal of the evolution and development of the amniote pectoral apparatus. <i>Journal of Anatomy</i> , 2006, 208, 263-285.	0.9	43
13	Sauropod dinosaur osteoderms from the Late Cretaceous of Madagascar. <i>Nature Communications</i> , 2011, 2, 564.	5.8	43
14	Characterization of TGF β 2 signaling during tail regeneration in the leopard Gecko (<i>Eublepharis</i>)	0.8	40
15	Membrane culture and reduced oxygen tension enhances cartilage matrix formation from equine cord blood mesenchymal stromal cells <i>in vitro</i> . <i>Osteoarthritis and Cartilage</i> , 2014, 22, 472-480.	0.6	31
16	A review of the osteoderms of lizards (Reptilia: Squamata). <i>Biological Reviews</i> , 2022, 97, 1-19.	4.7	28
17	Scar-free cutaneous wound healing in the leopard gecko, <i>Eublepharis macularius</i> . <i>Journal of Anatomy</i> , 2015, 227, 596-610.	0.9	26
18	Histological variability in fossil and recent alligatoroid osteoderms: Systematic and functional implications. <i>Journal of Morphology</i> , 2013, 274, 676-686.	0.6	23

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19	VEGF, FGF β 2 and TGF β 2 expression in the normal and regenerating epidermis of geckos: implications for epidermal homeostasis and wound healing in reptiles. <i>Journal of Anatomy</i> , 2018, 232, 768-782.	0.9	22
20	Neural stem/progenitor cells are activated during tail regeneration in the leopard gecko (<i>Eublepharis macularius</i>). <i>Journal of Comparative Neurology</i> , 2018, 526, 285-309.	0.9	22
21	New information on the cranial anatomy of <i>Edmontonia rugosidens</i> Gilmore, a Late Cretaceous nodosaurid dinosaur from Dinosaur Provincial Park, Alberta. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 1011-1013.	0.4	19
22	A comparative histological study of the osteoderms in the lizards <i>Heloderma suspectum</i> (Squamata: Helodermatidae) and <i>Varanus komodoensis</i> (Squamata: Varanidae). <i>Journal of Anatomy</i> , 2020, 236, 1035-1043.	0.9	18
23	Reptile Embryology. <i>Methods in Molecular Biology</i> , 2011, 770, 439-455.	0.4	17
24	Blood vessel formation during tail regeneration in the leopard gecko (<i>Eublepharis macularius</i>): The blastema is not avascular. <i>Journal of Morphology</i> , 2017, 278, 380-389.	0.6	15
25	Constitutive cardiomyocyte proliferation in the leopard gecko (<i>Eublepharis macularius</i>). <i>Journal of Morphology</i> , 2018, 279, 1355-1367.	0.6	14
26	Evidence for neurogenesis in the medial cortex of the leopard gecko, <i>Eublepharis macularius</i> . <i>Scientific Reports</i> , 2018, 8, 9648.	1.6	13
27	Histology and histochemistry of the gekkotan notochord and their bearing on the development of notochordal cartilage. <i>Journal of Morphology</i> , 2012, 273, 596-603.	0.6	10
28	Comparative development of the crocodylian interclavicle and avian furcula, with comments on the homology of dermal elements in the pectoral apparatus. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010, 314B, 196-207.	0.6	9
29	Reptile Embryology and Regeneration. <i>Methods in Molecular Biology</i> , 2019, 1920, 219-246.	0.4	6
30	Future Tail Tales: A Forward-Looking, Integrative Perspective on Tail Research. <i>Integrative and Comparative Biology</i> , 2021, 61, 521-537.	0.9	6
31	Lizard osteoderms – Morphological characterisation, biomimetic design and manufacturing based on three species. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 066011.	1.5	6
32	Unravelling the structural variation of lizard osteoderms. <i>Acta Biomaterialia</i> , 2022, 146, 306-316.	4.1	6
33	Cutaneous tactile sensitivity before and after tail loss and regeneration in the leopard gecko (<i>Eublepharis macularius</i>). <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	5
34	“The Integument Story: Origins, Evolution and Current Knowledge”™. <i>Journal of Anatomy</i> , 2009, 214, 407-408.	0.9	4
35	The phylogenetic distribution, anatomy and histology of the postloacal bones and adnexa of geckos. <i>Journal of Morphology</i> , 2016, 277, 264-277.	0.6	4
36	Cranial ornamentation in the Late Cretaceous nodosaurid ankylosaur <i>Hungarosaurus</i> . <i>PeerJ</i> , 2021, 9, e11010.	0.9	2

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37	The Dendrite Arbor of Purkinje Cells Is Altered Following to Tail Regeneration in the Leopard Gecko. Integrative and Comparative Biology, 2021, 61, 370-384.	0.9	2
38	Lessons From Lizards: How Scaly Superhealers Can Help Humans. Frontiers for Young Minds, 0, 9, .	0.8	0
39	Generation of double-layered equine mesenchymal stromal cell-derived osteochondral constructs. Journal of Cartilage & Joint Preservation, 2022, , 100036.	0.2	0
40	Radial Glia and Neuronal-like Ependymal Cells Are Present within the Spinal Cord of the Trunk (Body) in the Leopard Gecko (Eublepharis macularius). Journal of Developmental Biology, 2022, 10, 21.	0.9	0