Dominique Adriaens

List of Publications by Year
in descending order

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171	3,236	186209	302012
papers	citations	28 h-index	39 g-index

177	177	177	2874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The relationship between head shape, head musculature and bite force in caecilians (Amphibia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	5
2	Regional differences in vertebral shape along the axial skeleton in caecilians (Amphibia: Gymnophiona). Journal of Anatomy, 2022, , .	0.9	3
3	Radial porosity profiles: a new bone histological method for comparative developmental analysis of diametric limb bone growth. Royal Society Open Science, 2022, 9, 211893.	1.1	2
4	Is vertebral shape variability in caecilians (Amphibia: Gymnophiona) constrained by forces experienced during burrowing?. Journal of Experimental Biology, 2022, 225, .	0.8	2
5	Body size miniaturization in a lineage of colubrid snakes: Implications for cranial anatomy. Journal of Anatomy, 2021, 238, 131-145.	0.9	3
6	Ontogenetic divergence generates novel phenotypes in hybrid cichlids. Journal of Anatomy, 2021, 238, 1116-1127.	0.9	4
7	Regional Patterning in Tail Vertebral Form and Function in Chameleons (<i>Chamaeleo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	3
8	Under pressure: the relationship between cranial shape and burrowing force in caecilians (Gymnophiona). Journal of Experimental Biology, 2021, 224, .	0.8	7
9	The evolutionary relationship between arm vertebrae shape and ecological lifestyle in brittle stars (Echinodermata: Ophiuroidea). Journal of Anatomy, 2021, , .	0.9	4
10	Extensive chondroid bone in juvenile duck limbs hints at accelerated growth mechanism in avian skeletogenesis. Journal of Anatomy, 2020, 236, 463-473.	0.9	11
11	Is variation in tail vertebral morphology linked to habitat use in chameleons?. Journal of Morphology, 2020, 281, 229-239.	0.6	11
12	From yellow to silver: Transforming cranial morphology in European eel (Anguilla anguilla). Journal of Anatomy, 2020, 237, 979-987.	0.9	1
13	Saving the European Eel: How Morphological Research Can Help in Effective Conservation Management. Integrative and Comparative Biology, 2020, 60, 467-475.	0.9	9
14	The blue mussel inside: 3D visualization and description of the vascular-related anatomy of Mytilus edulis to unravel hemolymph extraction. Scientific Reports, 2020, 10, 6773.	1.6	15
15	Phenotypic divergence, convergence and evolution of Caucasian rock lizards (Darevskia). Biological Journal of the Linnean Society, 2020, 130, 142-155.	0.7	5
16	Soft tissue discrimination with contrast agents using micro-CT scanning. Belgian Journal of Zoology, 2020, 144, .	0.5	27
17	Additions to the phylogeny of colubrine snakes in Southwestern Asia, with description of a new genus and species (Serpentes: Colubridae: Colubrinae). PeerJ, 2020, 8, e9016.	0.9	5
18	Conserved growth rate and age structure of Xenopus laevis in the edge and core of an expanding population. Biological Journal of the Linnean Society, 2019, 128, 122-129.	0.7	7

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19	Methods for characterization and optimisation of measuring performance of stereoscopic x-ray systems with image intensifiers. Measurement Science and Technology, 2019, 30, 105701.	1.4	11
20	The role of bite force in the evolution of head shape and head shape dimorphism in Anolis lizards. Functional Ecology, 2019, 33, 2191-2202.	1.7	11
21	Morphological and histological characterization of an ectopically mineralized structure in a gilthead sea bream Sparus aurata with opercular deformation. Journal of Fish Diseases, 2019, 42, 1259-1270.	0.9	0
22	A digital dissection of two teleost fishes: comparative functional anatomy of the cranial musculoskeletal system in pike (Esox lucius) and eel (Anguilla anguilla). Journal of Anatomy, 2019, 235, 189-204.	0.9	8
23	Hoatzin nestling locomotion: Acquisition of quadrupedal limb coordination in birds. Science Advances, 2019, 5, eaat0787.	4.7	16
24	Joint coordinate system for biomechanical analysis of the sacroiliac joint. Journal of Orthopaedic Research, 2019, 37, 1101-1109.	1.2	1
25	Work behaviour and biting performance in the cooperative breeding Micklemâ€™s mole-rat Fukomys micklemi (Bathyergidae, Rodentia). Mammalian Biology, 2019, 95, 69-76.	0.8	11
26	Histochemistry of goblet cells and micro-computed tomography to study the digestive system in the long-snouted seahorse Hippocampus guttulatus. Aquaculture, 2019, 502, 400-409.	1.7	10
27	Evomimetics: the biomimetic design thinking 2.0. , 2019, , .		6
28	Intraskeletal histovariability, allometric growth patterns, and their functional implications in bird-like dinosaurs. Scientific Reports, 2018, 8, 258.	1.6	14
29	Pulse Trawling: The Impact of Pulsed Direct Current on Early Life Stages of Sole Solea solea. North American Journal of Fisheries Management, 2018, 38, 432-438.	0.5	2
30	Effects of antibiotic-induced differences in bacterial load on growth and shape of early larval European seabass (Dicentrarchus labraxL.). Aquaculture Research, 2018, 49, 988-1000.	0.9	0
31	Broader head, stronger bite: In vivo bite forces in European eel <scp>Anguilla anguilla</scp>. Journal of Fish Biology, 2018, 92, 268-273.	0.7	7
32	Built to bite? Differences in cranial morphology and bite performance between narrowâ€•and broadâ€headed European glass eels. Journal of Morphology, 2018, 279, 349-360.	0.6	10
33	Building trophic specializations that result in substantial niche partitioning within a young adaptive radiation. Journal of Anatomy, 2018, 232, 173-185.	0.9	21
34	Developmental temperature has persistent, sexually dimorphic effects on zebrafish cardiac anatomy. Scientific Reports, 2018, 8, 8125.	1.6	23
35	Dimorphism throughout the European eel's life cycle: are ontogenetic changes in head shape related to dietary differences?. Journal of Anatomy, 2018, 233, 289-301.	0.9	6
36	Head shape disparity impacts pollutant accumulation in European eel. Environmental Pollution, 2018, 240, 378-386.	3.7	10

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37	Phenotypic effects of antibiotic-induced axenity and egg disinfection in early larval European seabass (Dicentrarchus labraxL.). Aquaculture Research, 2018, 49, 2536-2552.	0.9	1
38	A 3D quantitative method for analyzing bone mineral densities: a case study on skeletal deformities in the gilthead sea bream, Sparus aurata (Linnaeus, 1758). Belgian Journal of Zoology, 2018, 148, .	0.5	1
39	Saddleback syndrome in <scp>E</scp>uropean sea bass <scp>D</scp>icentrarchus labrax (<scp>L</scp>innaeus, 1758): anatomy, ontogeny and correlation with lateralâ€line, anal and pelvic fin abnormalities. Journal of Fish Diseases, 2017, 40, 83-95.	0.9	14
40	Phylogenetic signals in scale shape in Caucasian rock lizards (Darevskia species). Zoologischer Anzeiger, 2017, 268, 32-40.	0.4	10
41	Differential gene expression in narrowâ€and broadâ€headed European glass eels (Anguilla) Tj ETQq1 1 0.784314 rgBT /Overlock 10 chemotaxis. Molecular Ecology, 2017, 26, 3943-3953.	2.0	10
42	Prehensile and non-prehensile tails among syngnathid fishes: whatâ€™s the difference?. Zoology, 2017, 120, 62-72.	0.6	8
43	Kinematics of chisel-tooth digging by African mole-rats. Journal of Experimental Biology, 2017, 220, 4479-4485.	0.8	20
44	Ontogenesis of opercular deformities in gilthead sea bream <scp>Sparus aurata</scp>: a histological description. Journal of Fish Biology, 2017, 91, 1419-1434.	0.7	7
45	Impact of Pulsed Direct Current on Embryos, Larvae, and Young Juveniles of Atlantic Cod and its Implications for Electrotrawling of Brown Shrimp. Marine and Coastal Fisheries, 2017, 9, 330-340.	0.6	6
46	Alpine-Himalayan orogeny drove correlated morphological, molecular, and ecological diversification in the Persian dwarf snake (Squamata: Serpentes:Eirenis persicus). Zoological Journal of the Linnean Society, 2016, 176, 878-913.	1.0	15
47	Kinematics of mouthbrooding inOreochromis niloticus(Cichlidae). Journal of Experimental Biology, 2016, 219, 1535-1541.	0.8	8
48	A standardized framework for examination of oral lesions in wolf skulls (Carnivora: Canidae: Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	13
49	Functional Morphology of the Feeding Apparatus inSimenchelys parasitica(Simenchelyinae:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	4
50	Acoustic stress responses in juvenile sea bass Dicentrarchus labrax induced by offshore pile driving. Environmental Pollution, 2016, 208, 747-757.	3.7	32
51	Diet-induced phenotypic plasticity in European eel (Anguilla anguilla). Journal of Experimental Biology, 2016, 219, 354-363.	0.8	21
52	Musculoskeletal anatomy and feeding performance ofÂpreâ€feeding engyodontic larvae of the European eelÂ(<scp>A</scp>nguilla anguilla). Journal of Anatomy, 2015, 227, 325-340.	0.9	14
53	Divergent ontogenies of trophic morphology in two closely related haplochromine cichlids. Journal of Morphology, 2015, 276, 860-871.	0.6	7
54	Is Beak Morphology in Darwinâ€™s Finches Tuned to Loading Demands?. PLoS ONE, 2015, 10, e0129479.	1.1	48

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55	Testing a long-standing hypothesis on the relation between the auditory bulla size and environmental conditions: a case study in two jird species (Muridae: Meriones libycus and M. crassus). Mammalia, 2015, 79, .	0.3	9
56	Hydrodynamic drag constrains head enlargement for mouthbrooding in cichlids. Journal of the Royal Society Interface, 2015, 12, 20150461.	1.5	20
57	Why the seahorse tail is square. Science, 2015, 349, aaa6683.	6.0	82
58	Tracing functional adaptation in African cichlid fishes through morphometric analysis of fossil teeth: exploring the methods. Hydrobiologia, 2015, 755, 73-88.	1.0	18
59	Dorsal colour pattern variation in Eurasian mountain vipers (genus Montivipera): A trade-off between thermoregulation and crypsis. Zoologischer Anzeiger, 2015, 257, 1-9.	0.4	11
60	Head shape dimorphism in European glass eels (Anguilla anguilla). Zoology, 2015, 118, 413-423.	0.6	8
61	Computer modelling and biomimetics for understanding the evolution of tail grasping in seahorses. FASEB Journal, 2015, 29, 342.3.	0.2	0
62	Protocol for quantitative shape analysis of deformities in early larval European seabass Dicentrarchus labrax. Journal of Fish Biology, 2014, 84, 206-224.	0.7	12
63	Grasping convergent evolution in syngnathids: a unique tale of tails. Journal of Anatomy, 2014, 224, 710-723.	0.9	32
64	Comparative developmental osteology of the seahorse skeleton reveals heterochrony amongst Hippocampus sp. and progressive caudal fin loss. EvoDevo, 2014, 5, 45.	1.3	10
65	Does sociality imply a complex vocal communication system? A case study forFukomys micklemi(Bathyergidae, Rodentia). Bioacoustics, 2014, 23, 143-160.	0.7	19
66	Functional anatomy and kinematics of the oral jaw system during terrestrial feeding in Periophthalmus barbarus. Journal of Morphology, 2014, 275, 1145-1160.	0.6	15
67	White necrotic tail tips in estuary seahorses, <scp>Hippocampus kuda</scp>,<scp>B</scp>leeker. Journal of Fish Diseases, 2014, 37, 501-504.	0.9	10
68	Cranial phenotypic variation in Meriones crassus and M. libycus (Rodentia, Gerbillinae), and a morphological divergence in M. crassus from the Iranian Plateau and Mesopotamia (Western Zagros) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	1
69	Mechanics of snout expansion in suction feeding seahorses: musculoskeletal force transmission. Journal of Experimental Biology, 2013, 216, 407-17.	0.8	27
70	A methodological analysis of behavioural observation in social African mole rats (Bathyergidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	0.3	3
71	Frog nuptial pads secrete mating season-specific proteins related to salamander pheromones. Journal of Experimental Biology, 2013, 216, 4139-43.	0.8	27
72	Cranial variation in Meriones tristrami (Rodentia: Muridae: Gerbillinae) and its morphological comparison with Meriones persicus ,Meriones vinogradovi and Meriones libycus : a geometric morphometric study. Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 239-251.	0.6	17

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73	Early Phrenic Motor Neuron Loss and Transient Respiratory Abnormalities after Unilateral Cervical Spinal Cord Contusion. Journal of Neurotrauma, 2013, 30, 1092-1099.	1.7	65
74	A new species of African Mole-rat (<i>Fukomys</i>, Bathyergidae, Rodentia) from the Zaire-Zambezi Watershed. Zootaxa, 2013, 3636, 171-89.	0.2	15
75	Revision of Notoglanidium and related genera (Siluriformes: Claroteidae) based on morphology and osteology. Zootaxa, 2013, 3691, 165-91.	0.2	5
76	Soft Dentin Results in Unique Flexible Teeth in Scraping Catfishes. Physiological and Biochemical Zoology, 2012, 85, 481-490.	0.6	12
77	The OPFOS Microscopy Family: High-Resolution Optical Sectioning of Biomedical Specimens. Anatomy Research International, 2012, 2012, 1-9.	1.1	25
78	Nature-Inspired Design: Modeling the Biomechanics of the Seahorse Tail. , 2012, , .		0
79	Morphometric and genetic structure of the edible dormouse (Glis glis): a consequence of forest fragmentation in Turkey. Biological Journal of the Linnean Society, 2012, 107, 611-623.	0.7	18
80	Structural tissue organization in the beak of <scp>J</scp>ava and <scp>D</scp>arwin's finches. Journal of Anatomy, 2012, 221, 383-393.	0.9	25
81	Multi-layered bird beaks: a finite-element approach towards the role of keratin in stress dissipation. Journal of the Royal Society Interface, 2012, 9, 1787-1796.	1.5	33
82	Ontogeny of the cranial system in Laonastes aenigmamus. Journal of Anatomy, 2012, 221, 128-137.	0.9	13
83	Dealing with Food and Eggs in Mouthbrooding Cichlids: Structural and Functional Trade-Offs in Fitness Related Traits. PLoS ONE, 2012, 7, e31117.	1.1	15
84	Regional variation in morphology of vertebral centra and intervertebral joints in striped bass, Morone saxatilis. Journal of Morphology, 2012, 273, 441-452.	0.6	25
85	Inspiration from nature: dynamic modelling of the musculoskeletal structure of the seahorse tail. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 1028-1042.	1.0	31
86	Geographic pattern of cranial differentiation in the Asian Midday JirdMeriones meridianus(Rodentia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Evolutionary Research, 2012, 50, 157-164.	0.6	24
87	Ontogeny of the cranial skeleton in a Darwinâ€™s finch (Geospiza fortis). Journal of Anatomy, 2011, 219, 115-131.	0.9	14
88	Bimodality in head shape in European eel. Journal of Zoology, 2011, 285, 230-238.	0.8	17
89	Modelling stress in the feeding apparatus of seahorses and pipefishes (Teleostei: Syngnathidae). Biological Journal of the Linnean Society, 2011, 104, 680-691.	0.7	4
90	Musculoskeletal structure of the feeding system and implications of snout elongation in Hippocampus reidi and Dunckerocampus dactyliophorus. Journal of Fish Biology, 2011, 78, 1799-1823.	0.7	30

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91	Why the long face? A comparative study of feeding kinematics of two pipefishes with different snout lengths. Journal of Fish Biology, 2011, 78, 1786-1798.	0.7	18
92	Development of the osteocranium in Corydoras aeneus (Gill, 1858) Callichthyidae, Siluriformes. Journal of Morphology, 2011, 272, 573-582.	0.6	2
93	Morphological variation in head shape of pipefishes and seahorses in relation to snout length and developmental growth. Journal of Morphology, 2011, 272, 1259-1270.	0.6	16
94	Suckermouth armored catfish resolve the paradox of simultaneous respiration and suction attachment: a kinematic study of Pterygoplichthys disjunctivus. Journal of Experimental Zoology, 2011, 315A, 121-131.	1.2	16
95	ARVCF depletion cooperates with Tbx1 deficiency in the development of 22q11.2DSâ€like phenotypes in Xenopus. Developmental Dynamics, 2011, 240, 2680-2687.	0.8	23
96	Effects of snout dimensions on the hydrodynamics of suction feeding in juvenile and adult seahorses. Journal of Theoretical Biology, 2011, 269, 307-317.	0.8	17
97	Kinematics of swimming in two burrowing anguilliform fishes. Zoology, 2011, 114, 78-84.	0.6	17
98	Burrowing and subsurface locomotion in anguilliform fish: behavioral specializations and mechanical constraints. Journal of Experimental Biology, 2011, 214, 1379-1385.	0.8	39
99	Adaptation and function of the bills of Darwin's finches: divergence by feeding type and sex. Emu, 2010, 110, 39-47.	0.2	30
100	Cranial architecture of tubeâ€snouted gasterosteiformes (Syngnathus rostellatus and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.6	21
101	Cephalic morphology of Pythonichthys macrurus (Heterenchelyidae: Anguilliformes): specializations for headâ€first burrowing. Journal of Morphology, 2010, 271, 1053-1065.	0.6	19
102	Head morphology of the duckbill eel, Hoplunnis punctata (Regan, 1915; Nettastomatidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.6	7
103	Visualizing mineralization in deformed opercular bones of larval gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	5
104	Mechanical stress, fracture risk and beak evolution in Darwin's ground finches (Geospiza). Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1093-1098.	1.8	63
105	Snout allometry in seahorses: insights on optimisation of pivot feeding performance during ontogeny. Journal of Experimental Biology, 2010, 213, 2184-2193.	0.8	17
106	Functional Consequences of Extreme Morphologies in the Craniate Trophic System. Physiological and Biochemical Zoology, 2009, 82, 1-6.	0.6	10
107	Linking Morphology and Motion: A Test of a Fourâ€Bar Mechanism in Seahorses. Physiological and Biochemical Zoology, 2009, 82, 7-19.	0.6	33
108	Are Morphological Specializations of the Hyolingual System in Chameleons and Salamanders Tuned to Demands on Performance?. Physiological and Biochemical Zoology, 2009, 82, 29-39.	0.6	24

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109	Early development and allometric growth in the armoured catfish Corydoras aeneus (Gill, 1858). Hydrobiologia, 2009, 627, 45-54.	1.0	23
110	Ontogeny of the cranial musculature in Corydoras aeneus Callichthyidae, Siluriformes. Journal of Fish Biology, 2009, 75, 1601-1614.	0.7	4
111	Ontogeny of the jaw and maxillary barbel musculature in the armoured catfish families Loricariidae and Callichthyidae (Loricarioidea, Siluriformes), with a discussion on muscle homologies. Zoological Journal of the Linnean Society, 2009, 155, 76-96.	1.0	17
112	Biting Performance in Teethâ€Ðigging African Moleâ€Rats (Fukomys, Bathyergidae, Rodentia). Physiological and Biochemical Zoology, 2009, 82, 40-50.	0.6	65
113	Extensive Jaw Mobility in Suckermouth Armored Catfishes (Loricariidae): A Morphological and Kinematic Analysis of Substrate Scraping Mode of Feeding. Physiological and Biochemical Zoology, 2009, 82, 51-62.	0.6	24
114	Suction is kid's play: extremely fast suction in newborn seahorses. Biology Letters, 2009, 5, 200-203.	1.0	45
115	Kinematics of benthic suction feeding in Callichthyidae and Mochokidae,with functional implications for the evolution of food scraping in catfishes. Journal of Experimental Biology, 2009, 212, 116-125.	0.8	22
116	Ontogeny of the suspensorial and opercular musculature in the suckermouth armoured catfish Ancistrus cf. triradiatus (Loricariidae, Siluriformes). Zoomorphology, 2008, 127, 83-95.	0.4	8
117	Ontogeny of the chondrocranium inCorydoras aeneus (Gill, 1858) (Callichthyidae, Siluriformes). Journal of Morphology, 2008, 269, 522-532.	0.6	4
118	Ontogenetic allometries and shape changes in the suckermouth armoured catfish Ancistrus cf. triradiatus Eigenmann (Loricariidae, Siluriformes), related to suckermouth attachment and yolk-sac size. Journal of Fish Biology, 2008, 72, 803-814.	0.7	21
119	Morphology of the jaw system in trichiurids: trade-offs between mouth closing and biting performance. Zoological Journal of the Linnean Society, 2008, 152, 717-736.	1.0	19
120	Ontogeny of the intermandibular and hyoid musculature in the suckermouth armoured catfish Ancistrus cf. triradiatus (Loricariidae, Siluriformes). Animal Biology, 2007, 57, 339-357.	0.6	13
121	A descriptive myology of Corydoras aeneus (Gill, 1858) (Siluriformes: Callichthyidae), with a brief discussion on adductor mandibulae homologies. Animal Biology, 2007, 57, 433-452.	0.6	13
122	Deformities in larval gilthead sea bream (Sparus aurata): A qualitative and quantitative analysis using geometric morphometrics. Aquaculture, 2007, 268, 156-168.	1.7	61
123	No trade-off between biting and suction feeding performance in clariid catfishes. Journal of Experimental Biology, 2007, 210, 27-36.	0.8	39
124	Pisodonophis boro (ophichthidae: anguilliformes): Specialization for head-first and tail-first burrowing?. Journal of Morphology, 2007, 268, 112-126.	0.6	18
125	Interspecific variation in sternohyoideus muscle morphology in clariid catfishes: Functional implications for suction feeding. Journal of Morphology, 2007, 268, 232-242.	0.6	27
126	Development of the osteocranium in the suckermouth armored catfishAncistrus cf.triradiatus (Loricariidae, siluriformes). Journal of Morphology, 2007, 268, 254-274.	0.6	30

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127	Morphological specializations in heterocongrinae (Anguilliformes: Congridae) related to burrowing and feeding. Journal of Morphology, 2007, 268, 343-356.	0.6	19
128	Morphology and development of teeth and epidermal brushes in loricariid catfishes. Journal of Morphology, 2007, 268, 805-814.	0.6	28
129	Cytochrome b sequence analysis reveals differential molecular evolution in African mole-rats of the chromosomally hyperdiverse genus Fukomys (Bathyergidae, Rodentia) from the Zambezian region. Molecular Phylogenetics and Evolution, 2007, 45, 142-157.	1.2	49
130	Size-related changes in cranial morphology affect diet in the catfish Clariallabes longicauda. Biological Journal of the Linnean Society, 2007, 92, 323-334.	0.7	9
131	Phylogeny of the African representatives of the catfish family Clariidae (Teleostei, Siluriformes) based on a combined analysis: independent evolution towards anguilliformity. Journal of Zoological Systematics and Evolutionary Research, 2007, 45, 214-229.	0.6	14
132	African Mole-rats (Bathyergidae): A Complex Radiation in Tropical Soils. , 2007, , 357-373.		15
133	Early development of the chondrocranium in Salmo letnica(Karaman, 1924)(Teleostei: Salmonidae). Journal of Fish Biology, 2006, 68, 458-480.	0.7	12
134	A catfish that can strike its prey on land. Nature, 2006, 440, 881-881.	13.7	36
135	Phylogenetic relationships and divergence time estimate of African anguilliform catfish (Siluriformes: Clariidae) inferred from ribosomal gene and spacer sequences. Molecular Phylogenetics and Evolution, 2006, 38, 65-78.	1.2	36
136	The erectile cheek-spine apparatus in the bristlenose catfish Ancistrus (Loricariidae, Siluriformes), and its relation to the formation of a secondary skull roof. Zoology, 2006, 109, 287-299.	0.6	22
137	Morphology of the cranial system of Platyclarias machadoi: interdependencies of skull flattening and suspensorial structure in Clariidae. Zoomorphology, 2006, 125, 69-85.	0.4	8
138	Modulation and variability of prey capture kinematics in clariid catfishes. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 559-569.	1.3	24
139	A dynamic model of mouth closing movements in clariid catfishes: the role of enlarged jaw adductors. Journal of Theoretical Biology, 2005, 234, 49-65.	0.8	28
140	Adhesive structures in the eggs of Corydoras aeneus(Gill, 1858; Callichthyidae).. Journal of Fish Biology, 2005, 66, 871-876.	0.7	20
141	Unusual intestinal lamellae in the nematodeRhabditophanes sp. KR3021 (Nematoda: Alloinematidae). Journal of Morphology, 2005, 264, 223-232.	0.6	29
142	Development of the chondrocranium in the suckermouth armored catfishAncistrus cf.triradiatus (Loricariidae, Siluriformes). Journal of Morphology, 2005, 266, 331-355.	0.6	12
143	Moringua edwardsi (Moringuidae: Anguilliformes): Cranial specialization for head-first burrowing?. Journal of Morphology, 2005, 266, 356-368.	0.6	29
144	Morphology and spatial constraints in a dorsoâ€ventrally flattened skull, with a revised species description ofPlatyallabes tihoni(Poll, 1944). Journal of Natural History, 2005, 39, 1653-1673.	0.2	5

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145	A test of mouth-opening and hyoid-depression mechanisms during prey capture in a catfish using high-speed cineradiography. Journal of Experimental Biology, 2005, 208, 4627-4639.	0.8	49
146	A functional morphological approach to the scaling of the feeding system in the African catfish, Clarias gariepinus. Journal of Experimental Biology, 2005, 208, 2091-2102.	0.8	42
147	Intraspecific variation in the postcranial skeleton morphology in African clariids: a case study of extreme phenotypic plasticity. Zoological Journal of the Linnean Society, 2004, 140, 437-446.	1.0	11
148	Effects of jaw adductor hypertrophy on buccal expansions during feeding of air breathing catfishes (Teleostei, Clariidae). Zoomorphology, 2004, 123, 81-93.	0.4	27
149	Redescription of Dolichallabes microphthalmus (Poll, 1942) (Siluriformes, Clariidae). Copeia, 2004, 2004, 108-115.	1.4	8
150	A systematic revision of the African catfish genusParauchenoglanis(Siluriformes: Claroteidae). Journal of Natural History, 2004, 38, 775-803.	0.2	9
151	Effects of 17Î±-ethinylestradiol on sexual development of the amphipod Hyalella azteca. Ecotoxicology and Environmental Safety, 2003, 54, 216-222.	2.9	66
152	Bite performance in clariid fishes with hypertrophied jaw adductors as deduced by bite modeling. Journal of Morphology, 2002, 253, 196-205.	0.6	50
153	Intraspecific variation in limblessness in vertebrates: a unique example of microevolution. Biological Journal of the Linnean Society, 2002, 75, 367-377.	0.7	8
154	Intraspecific variation in limblessness in vertebrates: a unique example of microevolution. Biological Journal of the Linnean Society, 2002, 75, 367-377.	0.7	19
155	Cranial morphology of the anguilliform clariid Channallabes apus (GÃ¼nther, 1873) (Teleostei:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	29
156	Ontogenetic shift in mouth opening mechanisms in a catfish (Clariidae, Siluriformes): A response to increasing functional demands. Journal of Morphology, 2001, 247, 197-216.	0.6	48
157	Comparative study on the cranial morphology ofGymnallabes typus (Siluriformes: Clariidae) and their less anguilliform relatives,Clariallabes melas andClarias gariepinus. Journal of Morphology, 1999, 240, 169-194.	0.6	35
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