Rui Diogo

List of Publications by Year in descending order

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158 papers	3,882 citations	159585 30 h-index	197818 49 g-index
173 all docs	173 docs citations	173 times ranked	3111 citing authors

#	Article	IF	Citations
1	A new heart for a new head in vertebrate cardiopharyngeal evolution. Nature, 2015, 520, 466-473.	27.8	201
2	Finding Our Way through Phenotypes. PLoS Biology, 2015, 13, e1002033.	5.6	178
3	Soft-tissue anatomy of the primates: phylogenetic analyses based on the muscles of the head, neck, pectoral region and upper limb, with notes on the evolution of these muscles. Journal of Anatomy, 2011, 219, 273-359.	1.5	142
4	Age and biogeography of major clades in sturgeons and paddlefishes (Pisces: Acipenseriformes). Molecular Phylogenetics and Evolution, 2007, 42, 854-862.	2.7	141
5	On the origin, homologies and evolution of primate facial muscles, with a particular focus on hominoids and a suggested unifying nomenclature for the facial muscles of the Mammalia. Journal of Anatomy, 2009, 215, 300-319.	1.5	87
6	From fish to modern humans â€“ comparative anatomy, homologies and evolution of the head and neck musculature. Journal of Anatomy, 2008, 213, 391-424.	1.5	85
7	Mitochondrial molecular clocks and the origin of the major Otocephalan clades (Pisces: Teleostei): A new insight. Gene, 2006, 370, 113-124.	2.2	84
8	From fish to modern humans â€“ comparative anatomy, homologies and evolution of the pectoral and forelimb musculature. Journal of Anatomy, 2009, 214, 694-716.	1.5	80
9	Evolution and homologies of primate and modern human hand and forearm muscles, with notes on thumb movements and tool use. Journal of Human Evolution, 2012, 63, 64-78.	2.6	80
10	Development of mandibular, hyoid and hypobranchial muscles in the zebrafish: homologies and evolution of these muscles within bony fishes and tetrapods. BMC Developmental Biology, 2008, 8, 24.	2.1	76
11	Evolution of facial muscle anatomy in dogs. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14677-14681.	7.1	68
12	Comparative anatomy, homologies and evolution of the pectoral and forelimb musculature of tetrapods with special attention to extant limbed amphibians and reptiles. Journal of Anatomy, 2010, 217, 536-573.	1.5	60
13	Comparative Anatomy, Evolution, and Homologies of Tetrapod Hindlimb Muscles, Comparison with Forelimb Muscles, and Deconstruction of the Forelimbâ€Hindlimb Serial Homology Hypothesis. Anatomical Record, 2014, 297, 1047-1075.	1.4	59
14	Anatomical networks reveal the musculoskeletal modularity of the human head. Scientific Reports, 2015, 5, 8298.	3.3	57
15	New, puzzling insights from comparative myological studies on the old and unsolved forelimb/hindlimb enigma. Biological Reviews, 2013, 88, 196-214.	10.4	52
16	Development of foreâ€•and hindlimb muscles in frogs: Morphogenesis, homeotic transformations, digit reduction, and the forelimbâ€“hindlimb enigma. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2014, 322, 86-105.	1.3	48
17	Anatomy, Function, and Evolution of the Primate Hand Musculature. Developments in Primatology, 2016, , 155-193.	0.1	48
18	Comparative anatomy, homologies and evolution of the pectoral muscles of bony fish and tetrapods: A new insight. Journal of Morphology, 2007, 268, 504-517.	1.2	41

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19	Bonobo anatomy reveals stasis and mosaicism in chimpanzee evolution, and supports bonobos as the most appropriate extant modeï»¿l for the common ancestor of chimpanzees and humans. Scientific Reports, 2017, 7, 608.	3.3	40
20	Evolutionary developmental pathology and anthropology: A new field linking development, comparative anatomy, human evolution, morphological variations and defects, and medicine. Developmental Dynamics, 2015, 244, 1357-1374.	1.8	39
21	Neural crest and the patterning of vertebrate craniofacial muscles. Genesis, 2018, 56, e23097.	1.6	39
22	On the osteology and myology of catfish pectoral girdle, with a reflection on catfish (Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.2	38
23	Development of human limb muscles based on whole-mount immunostaining and the links between ontogeny and evolution. Development (Cambridge), 2019, 146, .	2.5	38
24	Comparative Myology and Evolution of Marsupials and Other Vertebrates, With Notes on Complexity, Bauplan, and â€œScala Naturaeâ€• Anatomical Record, 2016, 299, 1224-1255.	1.4	36
25	On the serial homology of the pectoral and pelvic girdles of tetrapods. Evolution; International Journal of Organic Evolution, 2015, 69, 2543-2555.	2.3	35
26	Homologies among different adductor mandibulae sections of teleostean fishes, with special regard to catfishes (Teleostei: Siluriformes). , 2000, 243, 193-208.		34
27	Reconstructing pectoral appendicular muscle anatomy in fossil fish and tetrapods over the finsâ€toâ€limbs transition. Biological Reviews, 2018, 93, 1077-1107.	10.4	34
28	Cranial Muscle Development in the Model Organism Ambystoma mexicanum: Implications for Tetrapod and Vertebrate Comparative and Evolutionary Morphology and Notes on Ontogeny and Phylogeny. Anatomical Record, 2013, 296, 1031-1048.	1.4	33
29	Cranial muscle development in frogs with different developmental modes: Direct development versus biphasic development. Journal of Morphology, 2014, 275, 398-413.	1.2	33
30	Phylogeny, origin and biogeography of catfishes: support for a Pangean origin of 'modern teleosts' and reexamination of some Mesozoic Pangean connections between the Gondwanan and Laurasian supercontinents. Animal Biology, 2004, 54, 331-351.	1.0	32
31	The head and neck muscles of the Philippine colugo (Dermoptera: Cynocephalus volans), with a comparison to treeâ€shrews, primates, and other mammals. Journal of Morphology, 2009, 270, 14-51.	1.2	32
32	Development of foreâ€and hindlimb muscles in GFPâ€transgenic axolotls: Morphogenesis, the tetrapod bauplan, and new insights on the Forelimbâ€Hindlimb Enigma. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2014, 322, 106-127.	1.3	32
33	Anatomical Network Analysis Shows Decoupling of Modular Lability and Complexity in the Evolution of the Primate Skull. PLoS ONE, 2015, 10, e0127653.	2.5	32
34	VIOLATION OF DOLLO'S LAW: EVIDENCE OF MUSCLE REVERSIONS IN PRIMATE PHYLOGENY AND THEIR IMPLICATIONS FOR THE UNDERSTANDING OF THE ONTOGENY, EVOLUTION, AND ANATOMICAL VARIATIONS OF MODERN HUMANS. Evolution; International Journal of Organic Evolution, 2012, 66, 3267-3276.	2.3	31
35	Muscles of Chondrichthyan Paired Appendages: Comparison With Osteichthyans, Deconstruction of the Foreâ€“Hindlimb Serial Homology Dogma, and New Insights on the Evolution of the Vertebrate Neck. Anatomical Record, 2015, 298, 513-530.	1.4	30
36	Evolution of the Muscles of Facial Expression in a Monogamous Ape: Evaluating the Relative Influences of Ecological and Phylogenetic Factors in Hylobatids. Anatomical Record, 2011, 294, 645-663.	1.4	29

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37	Anatomical Network Comparison of Human Upper and Lower, Newborn and Adult, and Normal and Abnormal Limbs, with Notes on Development, Pathology and Limb Serial Homology vs. Homoplasy. PLoS ONE, 2015, 10, e0140030.	2.5	28
38	Muscles versus bones: catfishes as a case study for a discussion on the relative contribution of myological and osteological features in phylogenetic reconstructions. Animal Biology, 2004, 54, 373-391.	1.0	27
39	Multiple exaptations leading to fish sound production. Fish and Fisheries, 2017, 18, 958-966.	5.3	27
40	Anatomy of the pectoral and forelimb muscles of wildtype and green fluorescent proteinâ€transgenic axolotls and comparison with other tetrapods including humans: a basis for regenerative, evolutionary and developmental studies. Journal of Anatomy, 2012, 221, 622-635.	1.5	26
41	Towards the resolution of a longâ€standing evolutionary question: muscle identity and attachments are mainly related to topological position and not to primordium or homeotic identity of digits. Journal of Anatomy, 2015, 226, 523-529.	1.5	26
42	The broader evolutionary lessons to be learned from a comparative and phylogenetic analysis of primate muscle morphology. Biological Reviews, 2013, 88, 988-1001.	10.4	25
43	Is Salamander Limb Regeneration Really Perfect? Anatomical and Morphogenetic Analysis of Forelimb Muscle Regeneration in GFPâ€Transgenic Axolotls as a Basis for Regenerative, Developmental, and Evolutionary Studies. Anatomical Record, 2014, 297, 1076-1089.	1.4	25
44	Comparative phylogeography of the Yellow River schizothoracine fishes (Cyprinidae): Vicariance, expansion, and recent coalescence in response to the Quaternary environmental upheaval in the Tibetan Plateau. Molecular Phylogenetics and Evolution, 2009, 53, 1025-1031.	2.7	24
45	Jaw Adductor Muscles across Lepidosaurs: A Reappraisal. Anatomical Record, 2011, 294, 1765-1782.	1.4	24
46	Plain faces are more expressive: comparative study of facial colour, mobility and musculature in primates. Biology Letters, 2014, 10, 20140275.	2.3	23
47	Where is the Evo in Evoâ€Devo (evolutionary developmental biology)?. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2016, 326, 9-18.	1.3	23
48	PhyloOncology: Understanding cancer through phylogenetic analysis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1867, 101-108.	7.4	22
49	Dinosaurs, Chameleons, Humans, and Evoâ€Devo Path: Linking Ã‰tienne Geoffroy's Teratology, Waddington's Homeorhesis, Alberch's Logic of â€œMonsters,â€• and Goldschmidt Hopeful â€œMonstersâ€• Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 207-229.	1.3	22
50	Primate modularity and evolution: first anatomical network analysis of primate head and neck musculoskeletal system. Scientific Reports, 2018, 8, 2341.	3.3	22
51	Are more diverse parts of the mammalian skull moreÂlabile?. Ecology and Evolution, 2016, 6, 2318-2324.	1.9	21
52	Osteology and myology of the cephalic region and pectoral girdle of the Chinese catfishCranoglanis bouderius, with a discussion on the autapomorphies and phylogenetic relationships of the Cranoglanididae (Teleostei: Siluriformes). Journal of Morphology, 2002, 253, 229-242.	1.2	20
53	Evolutionary convergences and parallelisms: &their theoretical differences and the difficulty &of discriminating them in a practical &phylogenetic context. Biology and Philosophy, 2005, 20, 735-744.	1.4	20
54	MtDNA phylogeny provides evidence of generic polyphyleticism for East Asian bagrid catfishes. Hydrobiologia, 2007, 579, 147-159.	2.0	20

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55	Comparative anatomy, homologies and evolution of mandibular, hyoid and hypobranchial muscles of bony fish and tetrapods: a new insight. Animal Biology, 2008, 58, 123-172.	1.0	20
56	Cephalic muscles of Cyclostomes (hagfishes and lampreys) and Chondrichthyes (sharks, rays and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Journal of the Linnean Society, 2014, 172, 771-802.	2.3	20
57	The human brain and face: mechanisms of cranial, neurological and facial development revealed through malformations of holoprosencephaly, cyclopia and aberrations in chromosome 18. Journal of Anatomy, 2015, 227, 255-267.	1.5	20
58	Evolution Driven by Organismal Behavior. , 2017, , .		20
59	Muscle development in the shark Scyliorhinus canicula: implications for the evolution of the gnathostome head and paired appendage musculature. Frontiers in Zoology, 2017, 14, 31.	2.0	20
60	Human enhancement. Evolution, Medicine and Public Health, 2019, 2019, 183-189.	2.5	20
61	Unique skull network complexity of Tyrannosaurus rex among land vertebrates. Scientific Reports, 2019, 9, 1520.	3.3	20
62	Evolution of Hindlimb Muscle Anatomy Across the Tetrapod Waterâ€toâ€Land Transition, Including Comparisons With Forelimb Anatomy. Anatomical Record, 2020, 303, 218-234.	1.4	20
63	Is evolutionary biology becoming too politically correct? A reflection on the scala naturae, phylogenetically basal clades, anatomically plesiomorphic taxa, and â€˜lowerâ€™ animals. Biological Reviews, 2015, 90, 502-521.	10.4	19
64	Characteristic tetrapod musculoskeletal limb phenotype emerged more than 400 MYA in basal lobe-finned fishes. Scientific Reports, 2016, 6, 37592.	3.3	19
65	Etho-Eco-Morphological Mismatches, an Overlooked Phenomenon in Ecology, Evolution and Evo-Devo That Supports ONCE (Organic Nonoptimal Constrained Evolution) and the Key Evolutionary Role of Organismal Behavior. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	19
66	The Head and Neck Muscles of the Serval and Tiger: Homologies, Evolution, and Proposal of a Mammalian and a Veterinary Muscle Ontology. Anatomical Record, 2012, 295, 2157-2178.	1.4	18
67	Development, metamorphosis, morphology, and diversity: The evolution of chordate muscles and the origin of vertebrates. Developmental Dynamics, 2015, 244, 1046-1057.	1.8	18
68	An untold story: The important contributions of Muslim scholars for the understanding of human anatomy. Anatomical Record, 2017, 300, 986-1008.	1.4	18
69	Evolutionary parallelisms of pectoral and pelvic network-anatomy from fins to limbs. Science Advances, 2019, 5, eaau7459.	10.3	18
70	Teleostean Phylogeny Based on Osteological and Myological Characters. International Journal of Morphology, 2008, 26, .	0.2	17
71	Development of zebrafish paired and median fin musculature: basis for comparative, developmental, and macroevolutionary studies. Scientific Reports, 2018, 8, 14187.	3.3	16
72	Evolution of Serial Patterns in the Vertebrate Pharyngeal Apparatus and Paired Appendages via Assimilation of Dissimilar Units. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	15

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73	Anatomical network analysis of the musculoskeletal system reveals integration loss and parcellation boost during the fins-to-limbs transition. Evolution; International Journal of Organic Evolution, 2018, 72, 601-618.	2.3	15
74	Osteology and myology of the cephalic region and pectoral girdle of Batrochoglanis raninus, with a discussion on the synapomorphies and phylogenetic relationships of the Pseudopimelodinae and Pimelodidae (Teleostei: Siluriformes). Animal Biology, 2004, 54, 261-280.	1.0	14
75	Is salamander hindlimb regeneration similar to that of the forelimb? Anatomical and morphogenetic analysis of hindlimb muscle regeneration in <scp>GFP</scp>â€transgenic axolotls as a basis for regenerative and developmental studies. Journal of Anatomy, 2014, 224, 459-468.	1.5	14
76	Comparative musculoskeletal anatomy of chameleon limbs, with implications for the evolution of arboreal locomotion in lizards and for teratology. Journal of Morphology, 2017, 278, 1241-1261.	1.2	14
77	First use of anatomical networks to study modularity and integration of heads, forelimbs and hindlimbs in abnormal anencephalic and cyclopic vs normal human development. Scientific Reports, 2019, 9, 7821.	3.3	14
78	Photographic and Descriptive Musculoskeletal Atlas of Bonobos. , 2017, , .		14
79	Comparison of musculoskeletal networks of the primate forelimb. Scientific Reports, 2017, 7, 10520.	3.3	13
80	Links between the discovery of primates and anatomical comparisons with humans, the chain of being, our place in nature, and racism. Journal of Morphology, 2018, 279, 472-493.	1.2	13
81	Muscles Lost in Our Adult Primate Ancestors Still Imprint in Us: on Muscle Evolution, Development, Variations, and Pathologies. Current Molecular Biology Reports, 2020, 6, 32-50.	1.6	13
82	THE STRUCTURES ASSOCIATED WITH CATFISH (TELEOSTEI: SILURIFORMES) MANDIBULAR BARBELS: ORIGIN, ANATOMY, FUNCTION, TAXONOMIC DISTRIBUTION, NOMENCLATURE AND SYNONYMY. Animal Biology, 2000, 50, 455-478.	0.4	13
83	Morphological Description of the Cephalic Region of Bagrus Docmac, With a Reflection On Bagridae (Teleostei: Siluriformes) Autapomorphies. Animal Biology, 1999, 49, 207-232.	0.4	12
84	The Structures Associated With Catfish (Teleostei: Siluriformes) Mandibular Barbels: Origin, Anatomy, Function, Taxonomic Distribution, Nomenclature and Synonymy. Animal Biology, 2000, 50, 455-478.	0.4	12
85	â€œPollical palmar interosseous muscleâ€•(musculus adductor pollicis accessorius): Attachments, innervation, variations, phylogeny, and implications for human evolution and medicine. Journal of Morphology, 2013, 274, 275-293.	1.2	12
86	The Anatomy and Ontogeny of the Head, Neck, Pectoral, and Upper Limb Muscles of Lemur catta and Propithecus coquereli (Primates): Discussion on the Parallelism Between Ontogeny and Phylogeny and Implications for Evolutionary and Developmental Biology. Anatomical Record, 2014, 297, 1435-1453.	1.4	12
87	Comparative anatomy of zebrafish paired and median fin muscles: basis for functional, developmental, and macroevolutionary studies. Journal of Anatomy, 2018, 232, 186-199.	1.5	12
88	Cranial or postcranialâ€"Dual origin of the pectoral appendage of vertebrates combining the finâ€fold and gillâ€arch theories?. Developmental Dynamics, 2020, 249, 1182-1200.	1.8	12
89	Osteology and myology of the cephalic region and pectoral girdle of Plotosus lineatus, with comments on Plotosidae (Teleostei: Siluriformes) autapomorphies. Journal of Fish Biology, 2001, 59, 243-266.	1.6	11
90	On the osteology and myology of the cephalic region and pectoral girdle of Heteropneustes fossilis (Siluriformes: Heteropneustidae), with comments on the phylogenetic relationships between Heteropneustes and the clariid catfishes. Animal Biology, 2003, 53, 379-396.	1.0	11

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91	On the osteology and myology of the cephalic region and pectoral girdle of Franciscodoras marmoratus (LÃ¼tken 1874), comparison with other doradids, and comments on the synapomorphies and phylogenetic relationships of the Doradidae (Teleostei: Siluriformes). Animal Biology, 2004, 54, 175-193.	1.0	11
92	Do Correlation Patterns Reflect the Role of Development in Morphological Evolution?. Evolutionary Biology, 2014, 41, 494-502.	1.1	11
93	Musculoskeletal anatomical changes that accompany limb reduction in lizards. Journal of Morphology, 2015, 276, 1290-1310.	1.2	11
94	Effects of hyperthyroidism in the development of the appendicular skeleton and muscles of zebrafish, with notes on evolutionary developmental pathology (Evo-Devo-Path). Scientific Reports, 2019, 9, 5413.	3.3	11
95	Radial polydactyly: putting together evolution, development and clinical anatomy. Journal of Hand Surgery: European Volume, 2019, 44, 51-58.	1.0	11
96	Hiding in Plain Sightâ€•ancient Chinese anatomy. Anatomical Record, 2020, , .	1.4	11
97	MORPHOLOGICAL DESCRIPTION OF THE CEPHALIC REGION OF BAGRUS DOCMAC, WITH A REFLECTION ON BAGRIDAE (TELEOSTEI: SILURIFORMES) AUTAPOMORPHIES. Animal Biology, 1999, 49, 207-232.	0.4	11
98	Osteology and Myology of the Cephalic Region and Pectoral Girdle of Bunocephalus Knerii, and a Discussion On the Phylogenetic Relationships of the Aspredinidae (Teleostei: Siluriformes). Animal Biology, 2001, 51, 457-481.	0.4	10
99	OSTEOLOGY AND MYOLOGY OF THE CEPHALIC REGION AND PECTORAL GIRDLE OF BUNOCEPHALUS KNERII, AND A DISCUSSION ON THE PHYLOGENETIC RELATIONSHIPS OF THE ASPREDINIDAE (TELEOSTEI:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	10
100	Expression of Myosin Heavy Chain Isoforms in the Supraspinatus Muscle of Different Primate Species: Implications for the Study of the Adaptation of Primate Shoulder Muscles to Different Locomotor Modes. International Journal of Primatology, 2011, 32, 931-944.	1.9	10
101	Specialize or risk disappearance â€“ empirical evidence of anisomerism based on comparative and developmental studies of gnathostome head and limb musculature. Biological Reviews, 2015, 90, 964-978.	10.4	10
102	Musculoskeletal anatomy of the pelvic fin of Polypterus: implications for phylogenetic distribution and homology of preâ€•and postaxial pelvic appendicular muscles. Journal of Anatomy, 2017, 230, 532-541.	1.5	10
103	An untold story in biology: the historical continuity of evolutionary ideas of Muslim scholars from the 8th century to Darwinâ€™s time. Journal of Biological Education, 2018, 52, 3-17.	1.5	10
104	Deconstructing the longâ€•standing a priori assumption that serial homology generally involves ancestral similarity followed by anatomical divergence. Journal of Morphology, 2020, 281, 1110-1132.	1.2	10
105	On the osteology and myology of the cephalic region and pectoral girdle of Chaca bankanensis Bleeker 1852, with comments on the autapomorphies and phylogenetic relationships of the Chacidae (Teleostei: Siluriformes). Animal Biology, 2004, 54, 159-174.	1.0	9
106	Osteology and myology of the cephalic region and pectoral girdle of the South African catfish Austroglanis gilli, with comments on the autapomorphies and phylogenetic relationships of the Austroglanididae (Teleostei: Siluriformes). Animal Biology, 2006, 56, 39-62.	1.0	9
107	Visual Depictions of Our Evolutionary Past: A Broad Case Study Concerning the Need for Quantitative Methods of Soft Tissue Reconstruction and Art-Science Collaborations. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	9
108	THE ORIGIN AND TRANSFORMATION OF THE PALATINE-MAXILLARY SYSTEM OF CATFISH (TELEOSTEI:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	9

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109	Osteology and myology of the cephalic region and pectoral girdle of Erethistes pusillus , comparison with other erethistids, and comments on the synapomorphies and phylogenetic relationships of the Erethistidae (Teleostei: Siluriformes). Journal of Fish Biology, 2003, 63, 1160-1175.	1.6	8
110	Links between Evolution, Development, Human Anatomy, Pathology, and Medicine, with A Proposition of A Reâ€defined Anatomical Position and Notes on Constraints and Morphological â€œImperfectionsâ€• Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2016, 326, 215-224.	1.3	8
111	Osteology and myology of the cephalic region and pectoral girdle of Schilbe mystus and comparison with other schilbids, with comments on the monophyly and phylogenetic relationships of the Schilbidae (Teleostei: Siluriformes). Animal Biology, 2004, 54, 91-110.	1.0	7
112	Where is, in 2017, the evo in evoâ€devo (evolutionary developmental biology)?. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 15-22.	1.3	7
113	Osteology and myology of the cephalic region and pectoral girdle of Pimelodus blochii , comparison with other pimelodines, and comments on the synapomorphies and phylogenetic relationships of the Pimelodinae (Ostariophysi: Siluriformes). European Journal of Morphology, 2005, 42, 115-126.	0.8	6
114	On the cephalic and pectoral girdle muscles of the deep sea fish Alepocephalus rostratus, with comments on the functional morphology and phylogenetic relationships of the Alepocephaloidei (Teleostei). Animal Biology, 2008, 58, 23-40.	1.0	6
115	First comparative study of primate morphological and molecular evolutionary rates including muscle data: implications for the tempo and mode of primate and human evolution. Journal of Anatomy, 2013, 222, 410-418.	1.5	6
116	A detailed musculoskeletal study of a fetus with anencephaly and spina bifida (craniorachischisis), and comparison with other cases of human congenital malformations. Journal of Anatomy, 2017, 230, 842-858.	1.5	6
117	First Detailed Anatomical Study of Bonobos Reveals Intra-Specific Variations and Exposes Just-So Stories of Human Evolution, Bipedalism, and Tool Use. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	6
118	First anatomical network analysis of fore- and hindlimb musculoskeletal modularity in bonobos, common chimpanzees, and humans. Scientific Reports, 2018, 8, 6885.	3.3	6
119	Morphological variability of the plantaris muscle origin in human fetuses. Annals of Anatomy, 2022, 239, 151794.	1.9	6
120	Anatomical comparison across heads, foreâ€and hindlimbs in mammals using network models. Journal of Anatomy, 2021, 239, 12-31.	1.5	5
121	Comparative Anatomy, Anthropology and Archaeology as Case Studies on the Influence of Human Biases in Natural Sciences: The Origin of â€˜Humansâ€™, of â€˜Behaviorally Modern Humansâ€™ and of â€˜Fully Civilized Humansâ€™. The Open Anatomy Journal, 2010, 2, 86-97.	0.5	5
122	Cordelia's Dilemma, Historical Bias, and General Evolutionary Trends: Catfishes as a Case Study for General Discussions on Phylogeny and Macroevolution. International Journal of Morphology, 2006, 24, .	0.2	5
123	Introduction to Evolutionary Developmental Pathology, or Evo-Devo-Path: on Neodarwinism, Natural Mutants, Hopeful Monsters, Syndromes, Genomics, Variations, Humans, Apes, Chameleons, and Dinosaurs. Current Molecular Biology Reports, 2020, 6, 11-15.	1.6	4
124	Quasi-religious Belief in Darwin and Darwinism: â€œStraw-Menâ€•Scientist Believers Everywhere. Current Molecular Biology Reports, 2020, 6, 16-31.	1.6	4
125	Evolution, Homology, and Development of Tetrapod Limb Muscles. Diversity, 2021, 13, 393.	1.7	4
126	Musculoskeletal study of cebocephalic and cyclopic lamb heads illuminates links between normal and abnormal development, evolution and human pathologies. Scientific Reports, 2019, 9, 991.	3.3	4

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127	Catfishes as a case study for discussions on general evolution: the importance of functional uncouplings in morphological macroevolution. European Journal of Morphology, 2003, 41, 139-48.	0.8	4
128	Osteology and myology of the cephalic region and pectoral girdle of Centromochlus heckelii, comparison with other auchenipterids, and comments on the synapomorphies and phylogenetic relationships of the Auchenipteridae (Teleostei: Siluriformes). Animal Biology, 2003, 53, 397-416.	1.0	3
129	Prebiotic world, macroevolution, and Darwinâ€™s theory: a new insight. Biology and Philosophy, 2009, 24, 119-128.	1.4	3
130	The Origin and Evolution of Mammalian Head Muscles with Special Emphasis on the Facial Myology of Primates and Modern Humans. Fascinating Life Sciences, 2019, , 253-293.	0.9	3
131	Extensor Indicis Radialis and Extensor Medii Proprius Associated with an Unknown Fibromuscular Slip: a Case Report. SN Comprehensive Clinical Medicine, 2020, 2, 2456-2459.	0.6	3
132	Osteology and Myology of the Cephalic Region and Pectoral Girdle of Heptapterus mustelinus, Comparison With Other Heptapterins, and Discussion on the Synapomorphies and Phylogenetic Relationships of the Heptapterinae and the Pimelodidae (Teleostei: Siluriformes). International Journal of Morphology, 2007, 25, .	0.2	3
133	Comparative development of limb musculature in phylogenetically and ecologically divergent lizards. Developmental Dynamics, 2021, , .	1.8	3
134	The Visible Ape Project: A free, comprehensive, webâ€based anatomical atlas for scientists and veterinarians designed to raise public awareness about apes. Evolutionary Anthropology, 2021, 30, 160-170.	3.4	2
135	Homoplasies, Consistency Index and the Complexity of Morphological Evolution: Catfishes as a Case Study for General Discussions on Phylogeny and Macroevolution. International Journal of Morphology, 2007, 25, .	0.2	2
136	Morphological variability of the fibularis longus tendon in human fetuses. Annals of Anatomy, 2021, 239, 151838.	1.9	2
137	Cephalic and pectoral girdle muscles of the clupeiform Denticeps clupeoides, with comments on the homologies and plesiomorphic states of these muscles within the Otocephala (Teleostei). Animal Biology, 2008, 58, 41-66.	1.0	1
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139	Not deconstructing serial homology, but instead, the a priori assumption that it generally involves ancestral anatomical similarity: An answer to Kuznetsov's paper. Journal of Morphology, 2020, 281, 1628-1633.	1.2	1
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