

Kathleen K Smith

List of Publications by Year in descending order

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35
papers

3,065
citations

218677

26
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

1861
citing authors

#	ARTICLE	IF	CITATIONS
1	Tongues, tentacles and trunks: the biomechanics of movement in muscular-hydrostats. <i>Zoological Journal of the Linnean Society</i> , 1985, 83, 307-324.	2.3	732
2	Heterochrony revisited: the evolution of developmental sequences. <i>Biological Journal of the Linnean Society</i> , 2001, 73, 169-186.	1.6	231
3	COMPARATIVE PATTERNS OF CRANIOFACIAL DEVELOPMENT IN EUTHERIAN AND METATHERIAN MAMMALS. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1663-1678.	2.3	196
4	Cranial osteogenesis in <i>Monodelphis domestica</i> (Didelphidae) and <i>Macropus eugenii</i> (Macropodidae). <i>Journal of Morphology</i> , 1993, 215, 119-149.	1.2	117
5	Integration of Craniofacial Structures During Development in Mammals. <i>American Zoologist</i> , 1996, 36, 70-79.	0.7	110
6	Time's arrow: heterochrony and the evolution of development. <i>International Journal of Developmental Biology</i> , 2003, 47, 613-21.	0.6	107
7	Sequence Heterochrony and the Evolution of Development. <i>Journal of Morphology</i> , 2002, 252, 82-97.	1.2	104
8	The use of the tongue and hyoid apparatus during feeding in lizards (<i>Ctenosaura similis</i> and <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>)	1.7	104
9	Craniofacial development in marsupial mammals: Developmental origins of evolutionary change. <i>Developmental Dynamics</i> , 2006, 235, 1181-1193.	1.8	99
10	An electromyographic study of the function of the jaw adducting muscles in <i>Varanus exanthematicus</i> (varanidae). <i>Journal of Morphology</i> , 1982, 173, 137-158.	1.2	98
11	To replace or not to replace: the significance of reduced functional tooth replacement in marsupial and placental mammals. <i>Paleobiology</i> , 2005, 31, 324-346.	2.0	97
12	Developmental origins of precocial forelimbs in marsupial neonates. <i>Development (Cambridge)</i> , 2010, 137, 4283-4294.	2.5	94
13	Morphology and function of the tongue and hyoid apparatus in <i>Varanus</i> (varanidae, lacertilia). <i>Journal of Morphology</i> , 1986, 187, 261-287.	1.2	93
14	Comparative Patterns of Craniofacial Development in Eutherian and Metatherian Mammals. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1663.	2.3	90
15	Ontogenetic and phylogenetic transformations of the ear ossicles in marsupial mammals. <i>Journal of Morphology</i> , 2002, 251, 219-238.	1.2	88
16	Early development of the neural plate, neural crest and facial region of marsupials. <i>Journal of Anatomy</i> , 2001, 199, 121-131.	1.5	73
17	The evolution of the mammalian pharynx. <i>Zoological Journal of the Linnean Society</i> , 1992, 104, 313-349.	2.3	70
18	Have gene knockouts caused evolutionary reversals in the mammalian first arch?. <i>BioEssays</i> , 1998, 20, 245-255.	2.5	69

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19	Form and function of the tongue in agamid lizards with comments on its phylogenetic significance. <i>Journal of Morphology</i> , 1988, 196, 157-171.	1.2	65
20	Diversity and Evolution of the Marsupial Mandibular Angular Process. <i>Journal of Mammalian Evolution</i> , 1997, 4, 119-144.	1.8	57
21	Heterochrony and developmental timing mechanisms: Changing ontogenies in evolution. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 99-107.	5.0	56
22	Development of craniofacial musculature in <i>Monodelphis domestica</i> (marsupialia, didelphidae). <i>Journal of Morphology</i> , 1994, 222, 149-173.	1.2	52
23	Early differentiation and migration of cranial neural crest in the opossum, <i>Monodelphis domestica</i> . <i>Evolution & Development</i> , 2003, 5, 121-135.	2.0	50
24	Evolution and development of the mammalian dentition: Insights from the marsupial <i>Monodelphis domestica</i> . <i>Developmental Dynamics</i> , 2011, 240, 232-239.	1.8	37
25	TOOTH ERUPTION IN <i>MONODELPHIS DOMESTICA</i> AND ITS SIGNIFICANCE FOR PHYLOGENY AND NATURAL HISTORY. <i>Journal of Mammalogy</i> , 2005, 86, 333-341.	1.3	29
26	Heterochrony revisited: the evolution of developmental sequences. <i>Biological Journal of the Linnean Society</i> , 2001, 73, 169-186.	1.6	28
27	Heterochrony in somitogenesis rate in a model marsupial, <i>Monodelphis domestica</i> . <i>Evolution & Development</i> , 2012, 14, 93-103.	2.0	27
28	Opossum (<i>Monodelphis domestica</i>): A Marsupial Development Model. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.emo104.	0.3	25
29	The morphology of the intrinsic tongue musculature in snakes (Reptilia, ophidia): Functional and phylogenetic implications. <i>Journal of Morphology</i> , 1990, 205, 307-324.	1.2	23
30	Adaptations of the Marsupial Newborn: Birth as an Extreme Environment. <i>Anatomical Record</i> , 2020, 303, 235-249.	1.4	16
31	Comparative skeletal anatomy of neonatal ursids and the extreme altriciality of the giant panda. <i>Journal of Anatomy</i> , 2020, 236, 724-736.	1.5	8
32	Early development of the neural plate, neural crest and facial region of marsupials. <i>Journal of Anatomy</i> , 2001, 199, 121-131.	1.5	8
33	Pediatric Coronal Suture Fiber Alignment and the Effect of Interdigitation on Coronal Suture Mechanical Properties. <i>Annals of Biomedical Engineering</i> , 2015, 43, 2101-2111.	2.5	5
34	J. P. Hill and Katherine Watson's studies of the neural crest in marsupials. <i>Journal of Morphology</i> , 2020, 281, 1567-1587.	1.2	5
35	Growth pattern of the middle ear in the gray short-tailed opossum, <i>Monodelphis domestica</i> . <i>Vertebrate Zoology</i> , 0, 72, 487-494.	2.0	2