Maria Hovorakova

List of Publications by Year
in descending order

26 papers	825 citations	623734 14 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	1070 citing authors

#	Article	IF	Citations
1	A radical switch in clonality reveals a stem cell niche in the epiphyseal growth plate. Nature, 2019, 567, 234-238.	27.8	153
2	Developmental disorders of the dentition: An update. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2013, 163, 318-332.	1.6	108
3	Early development of the human dentition revisited. Journal of Anatomy, 2018, 233, 135-145.	1.5	56
4	Origin of the Deciduous Upper Lateral Incisor and its Clinical Aspects. Journal of Dental Research, 2006, 85, 167-171.	5.2	52
5	Regulation of tooth number by fine-tuning levels of receptor-tyrosine kinase signaling. Development (Cambridge), 2011, 138, 4063-4073.	2.5	52
6	<i>Evc</i> Regulates a Symmetrical Response to Shh Signaling in Molar Development. Journal of Dental Research, 2013, 92, 222-228.	5.2	52
7	Threeâ€dimensional analysis of the early development of the dentition. Australian Dental Journal, 2014, 59, 55-80.	1.5	47
8	The Impact of the<i>Eda</i>Pathway on Tooth Root Development. Journal of Dental Research, 2017, 96, 1290-1297.	5.2	39
9	The developmental relationship between the deciduous dentition and the oral vestibule in human embryos. Anatomy and Embryology, 2005, 209, 303-313.	1.5	30
10	Modeling Edar expression reveals the hidden dynamics of tooth signaling center patterning. PLoS Biology, 2019, 17, e3000064.	5.6	30
11	Threeâ€dimensional analysis of molar development in the mouse from the cap to bell stage. Australian Dental Journal, 2014, 59, 81-100.	1.5	28
12	Signals from the brain and olfactory epithelium control shaping of the mammalian nasal capsule cartilage. ELife, 2018, 7, .	6.0	28
13	<i>Shh</i> expression in a rudimentary tooth offers new insights into development of the mouse incisor. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2011, 316B, 347-358.	1.3	24
14	Early development of the lower deciduous dentition and oral vestibule in human embryos. European Journal of Oral Sciences, 2007, 115, 280-287.	1.5	18
15	Developmental variability channels mouse molar evolution. ELife, 2020, 9, .	6.0	15
16	Prenatal development of <i>Crocodylus niloticus niloticus</i> Laurenti, 1768. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2010, 314B, 353-368.	1.3	14
17	Sprouty gene dosage influences temporal-spatial dynamics of primary enamel knot formation. BMC Developmental Biology, 2015, 15, 21.	2.1	13
18	One Odontogenic Cell-Population Contributes to the Development of the Mouse Incisors and of the Oral Vestibule. PLoS ONE, 2016, 11, e0162523.	2.5	13

#	Article	IF	Citations
19	A case of conjoined twin's cephalothoracopagus janiceps disymmetros. Reproductive Toxicology, 2008, 26, 178-182.	2.9	12
20	The Development of Dentin Microstructure Is Controlled by the Type of Adjacent Epithelium. Journal of Bone and Mineral Research, 2020, 37, 323-339.	2.8	11
21	SequentialShhexpression in the development of the mouse upper functional incisor. , 2013, 320, n/a-n/a.		10
22	Reawakening of Ancestral Dental Potential as a Mechanism to Explain Dental Pathologies. Integrative and Comparative Biology, 2020, 60, 619-629.	2.0	8
23	Specification of Sprouty2 functions in osteogenesis in <i>in vivo</i> context. Organogenesis, 2019, 15, 111-119.	1.2	4
24	Development of the Vestibular Lamina in Human Embryos: Morphogenesis and Vestibule Formation. Frontiers in Physiology, 2020, 11, 753.	2.8	4
25	Loss of Sprouty Produces a Ciliopathic Skeletal Phenotype in Mice Through Upregulation of Hedgehog Signaling. Journal of Bone and Mineral Research, 2021, 36, 2258-2274.	2.8	3
26	Rebuttal to Dr. Erwin JO Kompanje letter to editor. Reproductive Toxicology, 2009, 27, 206-207.	2.9	1