

Tetsuya Takakuwa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7018315/publications.pdf>

Version: 2024-02-01

74
papers

779
citations

759233

12
h-index

610901

24
g-index

74
all docs

74
docs citations

74
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	The Germ Cell Fate of Cynomolgus Monkeys Is Specified in the Nascent Amnion. <i>Developmental Cell</i> , 2016, 39, 169-185.	7.0	252
2	Morphogenesis of the Inner Ear at Different Stages of Normal Human Development. <i>Anatomical Record</i> , 2015, 298, 2081-2090.	1.4	30
3	Morphology and morphometry of the human embryonic brain: A three-dimensional analysis. <i>NeuroImage</i> , 2015, 115, 96-103.	4.2	30
4	Intestinal Rotation and Physiological Umbilical Herniation During the Embryonic Period. <i>Anatomical Record</i> , 2016, 299, 197-206.	1.4	28
5	Movement of the external ear in human embryo. <i>Head & Face Medicine</i> , 2012, 8, 2.	2.1	24
6	Morphometric analysis of the brain vesicles during the human embryonic period by magnetic resonance microscopic imaging. <i>Congenital Anomalies (discontinued)</i> , 2012, 52, 55-58.	0.6	18
7	Embryonic Liver Morphology and Morphometry by Magnetic Resonance Microscopic Imaging. <i>Anatomical Record</i> , 2012, 295, 51-59.	1.4	18
8	Morphogenesis of the Spleen During the Human Embryonic Period. <i>Anatomical Record</i> , 2015, 298, 820-826.	1.4	16
9	Morphogenesis of the femur at different stages of normal human development. <i>PLoS ONE</i> , 2019, 14, e0221569.	2.5	15
10	Aberrant somatic hypermutations in thyroid lymphomas. <i>Leukemia Research</i> , 2009, 33, 649-654.	0.8	14
11	Blechs Schmidt Collection: Revisiting specimens from a historical collection of serially sectioned human embryos and fetuses using modern imaging techniques. <i>Congenital Anomalies (discontinued)</i> , 2018, 58, 152-157.	0.6	14
12	Morphogenesis of Lateral Choroid Plexus During Human Embryonic Period. <i>Anatomical Record</i> , 2013, 296, 692-700.	1.4	13
13	Rib Cage Morphogenesis in the Human Embryo: A Detailed Three-dimensional Analysis. <i>Anatomical Record</i> , 2019, 302, 2211-2223.	1.4	13
14	Return of the intestinal loop to the abdominal coelom after physiological umbilical herniation in the early fetal period. <i>Journal of Anatomy</i> , 2019, 234, 456-464.	1.5	12
15	Critical Growth Processes for the Midfacial Morphogenesis in the Early Prenatal Period. <i>Cleft Palate-Craniofacial Journal</i> , 2019, 56, 1026-1037.	0.9	12
16	Development of Helical Myofiber Tracts in the Human Fetal Heart: Analysis of Myocardial Fiber Formation in the Left Ventricle From the Late Human Embryonic Period Using Diffusion Tensor Magnetic Resonance Imaging. <i>Journal of the American Heart Association</i> , 2020, 9, e016422.	3.7	12
17	The bronchial tree of the human embryo: an analysis of variations in the bronchial segments. <i>Journal of Anatomy</i> , 2020, 237, 311-322.	1.5	12
18	Formation of the circle of Willis during human embryonic development. <i>Congenital Anomalies (discontinued)</i> , 2016, 56, 233-236.	0.6	11

#	ARTICLE	IF	CITATIONS
19	A Novel Strategy to Reveal the Latent Abnormalities in Human Embryonic Stages from a Large Embryo Collection. <i>Anatomical Record</i> , 2016, 299, 8-24.	1.4	11
20	Morphogenesis of the middle ear ossicles and spatial relationships with the external and inner ears during the embryonic period. <i>Anatomical Record</i> , 2016, 299, 1325-1337.	1.4	10
21	Variations of the Circle of Willis at the End of the Human Embryonic Period. <i>Anatomical Record</i> , 2018, 301, 1312-1319.	1.4	10
22	3D Analysis of Human Embryos and Fetuses Using Digitized Datasets From the Kyoto Collection. <i>Anatomical Record</i> , 2018, 301, 960-969.	1.4	9
23	Tail reduction process during human embryonic development. <i>Journal of Anatomy</i> , 2018, 232, 806-811.	1.5	9
24	Cartilage formation in the pelvic skeleton during the embryonic and early-fetal period. <i>PLoS ONE</i> , 2017, 12, e0173852.	2.5	9
25	Three-dimensional reconstruction of rat knee joint using episcopic fluorescence image capture. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1401-1409.	1.3	8
26	The Digestive Tract and Derived Primordia Differentiate by Following a Precise Timeline in Human Embryos Between Carnegie Stages 11 and 13. <i>Anatomical Record</i> , 2016, 299, 439-449.	1.4	8
27	Formation of the Periotic Space During the Early Fetal Period in Humans. <i>Anatomical Record</i> , 2018, 301, 563-570.	1.4	8
28	Branching morphogenesis of the urinary collecting system in the human embryonic metanephros. <i>PLoS ONE</i> , 2018, 13, e0203623.	2.5	8
29	Morphology and morphometry of the human early foetal brain: A three-dimensional analysis. <i>Journal of Anatomy</i> , 2021, 239, 498-516.	1.5	8
30	Polymerase chain reaction-based clonality analysis in thyroid lymphoma. <i>International Journal of Molecular Medicine</i> , 2002, 10, 113-7.	4.0	8
31	Morphological features and length measurements of fetal lateral ventricles at 16–25 weeks of gestation by magnetic resonance imaging. <i>Congenital Anomalies (discontinued)</i> , 2015, 55, 99-102.	0.6	7
32	Positional Changes of the Ocular Organs During Craniofacial Development. <i>Anatomical Record</i> , 2017, 300, 2107-2114.	1.4	7
33	A Spatiotemporal Statistical Model for Eyeballs of Human Embryos. <i>IEICE Transactions on Information and Systems</i> , 2017, E100.D, 1505-1515.	0.7	7
34	Revisiting the infracardiac bursa using multimodal methods: topographic anatomy for surgery of the esophagogastric junction. <i>Journal of Anatomy</i> , 2019, 235, 88-95.	1.5	7
35	Morphology and morphometry of fetal liver at 16–26 weeks of gestation by magnetic resonance imaging: Comparison with embryonic liver at Carnegie stage 23. <i>Hepatology Research</i> , 2013, 43, 639-647.	3.4	6
36	A Spatiotemporal Statistical Shape Model of the Brain Surface during Human Embryonic Development. <i>Advanced Biomedical Engineering</i> , 2018, 7, 146-155.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Shoulder girdle formation and positioning during embryonic and early fetal human development. PLoS ONE, 2020, 15, e0238225.	2.5	6
38	Three-dimensional morphogenesis of the omental bursa from four recesses in staged human embryos. Journal of Anatomy, 2020, 237, 166-175.	1.5	6
39	Bronchial tree of the human embryo: Categorization of the branching mode as monopodial and dipodial. PLoS ONE, 2021, 16, e0245558.	2.5	6
40	Early development of the cortical layers in the human brain. Journal of Anatomy, 2021, 239, 1039-1049.	1.5	6
41	DNA Sequence of Immunoglobulin Heavy Chain Variable Region Gene in Thyroid Lymphoma. Japanese Journal of Cancer Research, 2001, 92, 1041-1047.	1.7	5
42	Correlation of external ear auricle formation with staging of human embryos. Congenital Anomalies (discontinued), 2016, 56, 86-90.	0.6	5
43	Relationship Between Physiological Umbilical Herniation and Liver Morphogenesis During the Human Embryonic Period: A Morphological and Morphometric Study. Anatomical Record, 2019, 302, 1968-1976.	1.4	5
44	Three-dimensional morphology of the human embryonic brain. Data in Brief, 2015, 4, 116-118.	1.0	4
45	MR Imaging of the Pituitary Gland and Postsphenoid Ossification in Fetal Specimens. American Journal of Neuroradiology, 2016, 37, 1523-1527.	2.4	4
46	Dynamics of gyrification in the human cerebral cortex during development. Congenital Anomalies (discontinued), 2017, 57, 8-14.	0.6	4
47	Morphogenesis of the Middle Ear during Fetal Development as Observed Via Magnetic Resonance Imaging. Anatomical Record, 2018, 301, 757-764.	1.4	4
48	Spatial Change of Cruciate Ligaments in Rat Embryo Knee Joint by Three-Dimensional Reconstruction. PLoS ONE, 2015, 10, e0131092.	2.5	4
49	Morphometric human embryonic brain features according to developmental stage. Prenatal Diagnosis, 2016, 36, 338-345.	2.3	3
50	Human embryonic ribs all progress through common morphological forms irrespective of their position on the axis. Developmental Dynamics, 2019, 248, 1257-1263.	1.8	3
51	Level set distribution model of nested structures using logarithmic transformation. Medical Image Analysis, 2019, 56, 1-10.	11.6	3
52	Spatial Relationship Between the Metanephros and Adjacent Organs According to the Carnegie Stage of Development. Anatomical Record, 2019, 302, 1901-1915.	1.4	3
53	Relationship between rectal abdominis muscle position and physiological umbilical herniation and return: A morphological and morphometric study. Anatomical Record, 2020, 303, 3044-3051.	1.4	3
54	Three-Dimensional Analysis of Human Laryngeal and Tracheobronchial Cartilages during the Late Embryonic and Early Fetal Period. Cells Tissues Organs, 2022, 211, 1-15.	2.3	3

#	ARTICLE	IF	CITATIONS
55	Three-dimensional models once again: For research and teaching of early human development. <i>Congenital Anomalies (discontinued)</i> , 2013, 53, 58-59.	0.6	2
56	Vesicular swelling in the cervical region with lymph sac formation in human embryos. <i>Congenital Anomalies (discontinued)</i> , 2020, 60, 62-67.	0.6	2
57	Upper arm posture during human embryonic and fetal development. <i>Anatomical Record</i> , 2021, , .	1.4	2
58	Statistical Shape Model of Nested Structures Based on the Level Set. <i>Lecture Notes in Computer Science</i> , 2017, , 169-176.	1.3	2
59	Nascent nephrons during human embryonic development: Spatial distribution and relationship with urinary collecting system. <i>Journal of Anatomy</i> , 2021, 238, 455-466.	1.5	1
60	3D models related to the publication: Morphology of the human embryonic brain and ventricles. <i>MorphoMuseum</i> , 2015, 1, e3.	0.2	1
61	3D models related to the publication: Morphogenesis of the liver during the human embryonic period. <i>MorphoMuseum</i> , 2016, 1, e1.	0.2	1
62	3D models related to the publication: Morphogenesis of the stomach during the human embryonic period. <i>MorphoMuseum</i> , 2016, 1, e3.	0.2	1
63	Position of the cecum in the extraembryonic and abdominal coelom in the early fetal period. <i>Congenital Anomalies (discontinued)</i> , 2020, 60, 87-88.	0.6	0
64	Running course of the colon during the embryonic period. <i>Clinical Anatomy</i> , 2020, 33, 628-629.	2.7	0
65	3D models related to the publication: Morphogenesis of the inner ear at different stages of normal human development. <i>MorphoMuseum</i> , 2015, 1, e6.	0.2	0
66	Spatiotemporal Statistical Model of Anatomical Landmarks on a Human Embryonic Brain. <i>Lecture Notes in Computer Science</i> , 2019, , 94-103.	1.3	0
67	Skeletal System Analysis during the Human Embryonic Period Based on MCA. , 2022, , 113-119.		0
68	MCA-Based Embryology and Embryo Imaging. , 2022, , 121-130.		0
69	Three-Dimensional Analyses of Human Organogenesis. , 2022, , 107-112.		0
70	Shoulder girdle formation and positioning during embryonic and early fetal human development. , 2020, 15, e0238225.		0
71	Shoulder girdle formation and positioning during embryonic and early fetal human development. , 2020, 15, e0238225.		0
72	Shoulder girdle formation and positioning during embryonic and early fetal human development. , 2020, 15, e0238225.		0

#	ARTICLE	IF	CITATIONS
73	Shoulder girdle formation and positioning during embryonic and early fetal human development. , 2020, 15, e0238225.		0
74	The return process of physiological umbilical herniation in human fetuses: The possible role of the vascular tree and umbilical ring. Journal of Anatomy, 0, , .	1.5	0