

Benedikt Hallgrímsson

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

9,413
citations

34016

52
h-index

51492

86
g-index

234
all docs

234
docs citations

234
times ranked

8953
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis of copy number variants and normal facial variation in a large cohort of Bantu Africans. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100082.	1.0	1
2	Morphological correspondence between brain and endocranial surfaces in mice exposed to undernutrition during development. <i>Journal of Anatomy</i> , 2022, , .	0.9	0
3	A Deep Invertible 3-D Facial Shape Model for Interpretable Genetic Syndrome Diagnosis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3229-3239.	3.9	6
4	Multi-Scale Part-Based Syndrome Classification of 3D Facial Images. <i>IEEE Access</i> , 2022, 10, 23450-23462.	2.6	3
5	The genetic basis of neurocranial size and shape across varied lab mouse populations. <i>Journal of Anatomy</i> , 2022, 241, 211-229.	0.9	2
6	Sex Differences in Adult Facial Three-Dimensional Morphology: Application to Gender-Affirming Facial Surgery. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2022, 24, S-24-S-30.	0.5	19
7	Downstream Branches of the Fibroblast Growth Factor Signaling Pathway Act Interdependently to Shape the Face. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
8	<i>Fgf8</i> dosage regulates jaw shape and symmetry through pharyngeal-cardiac tissue relationships. <i>Developmental Dynamics</i> , 2022, 251, 1711-1727.	0.8	6
9	MusMorph, a database of standardized mouse morphology data for morphometric meta-analyses. <i>Scientific Data</i> , 2022, 9, .	2.4	3
10	<i>HDAC9</i> structural variants disrupting <i>TWIST1</i> transcriptional regulation lead to craniofacial and limb malformations. <i>Genome Research</i> , 2022, 32, 1242-1253.	2.4	5
11	Wnt Signaling Drives Correlated Changes in Facial Morphology and Brain Shape. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 644099.	1.8	9
12	A landmark-free morphometrics pipeline for high-resolution phenotyping: application to a mouse model of Down syndrome. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	26
13	The Chromatin Regulator <i>Ankrd11</i> Controls Palate and Cranial Bone Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645386.	1.8	16
14	Selection for increased tibia length in mice alters skull shape through parallel changes in developmental mechanisms. <i>ELife</i> , 2021, 10, .	2.8	10
15	Extracellular Matrix Composition Is Altered Alongside Dymorphology in the Developing Palate. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
16	Mapping the Multi-Modal Distribution of Craniofacial Phenotypes in NOSIP Mutants. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
17	Integration of Cellular Dynamics and Morphology to Understand Mouse Facial Development. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
18	Genome-wide copy number variations in a large cohort of bantu African children. <i>BMC Medical Genomics</i> , 2021, 14, 129.	0.7	6

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19	Large-scale open-source three-dimensional growth curves for clinical facial assessment and objective description of facial dysmorphism. <i>Scientific Reports</i> , 2021, 11, 12175.	1.6	17
20	Body mass estimation from footprint size in hominins. <i>Journal of Human Evolution</i> , 2021, 156, 102997.	1.3	8
21	Genome scans of facial features in East Africans and cross-population comparisons reveal novel associations. <i>PLoS Genetics</i> , 2021, 17, e1009695.	1.5	13
22	Relating multivariate shapes to genescapes using phenotype-biological process associations for craniofacial shape. <i>ELife</i> , 2021, 10, .	2.8	7
23	FaceBase 3: analytical tools and FAIR resources for craniofacial and dental research. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	25
24	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. <i>PLoS ONE</i> , 2020, 15, e0237700.	1.1	8
25	Automated syndrome diagnosis by three-dimensional facial imaging. <i>Genetics in Medicine</i> , 2020, 22, 1682-1693.	1.1	47
26	Facial shape and allometry quantitative trait locus intervals in the Diversity Outbred mouse are enriched for known skeletal and facial development genes. <i>PLoS ONE</i> , 2020, 15, e0233377.	1.1	19
27	Fully Automatic Landmarking of Syndromic 3D Facial Surface Scans Using 2D Images. <i>Sensors</i> , 2020, 20, 3171.	2.1	19
28	VBM sensitivity to localization and extent of mouse brain lesions: A simulation approach. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105636.	2.6	3
29	A Registration and Deep Learning Approach to Automated Landmark Detection for Geometric Morphometrics. <i>Evolutionary Biology</i> , 2020, 47, 246-259.	0.5	31
30	Complex patterns of cell growth in the placenta in normal pregnancy and as adaptations to maternal diet restriction. <i>PLoS ONE</i> , 2020, 15, e0226735.	1.1	25
31	Mapping the relationship between proliferation and morphology in the developing mouse face. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
32	Mapping the Multi-Modal Distribution of Craniofacial Phenotypes in NOSIP Mutants. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
33	Determining the Role of Extracellular Matrix Compliance on Facial Morphogenesis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
34	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
35	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
36	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0

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37	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
38	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
39	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
40	Lack of head sparing following third-trimester caloric restriction among Tanzanian Maasai. , 2020, 15, e0237700.		0
41	The developmental-genetics of canalization. <i>Seminars in Cell and Developmental Biology</i> , 2019, 88, 67-79.	2.3	63
42	Region-specific changes in <i>Mus musculus</i> brain size and cell composition under chronic nutrient restriction. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	5
43	Nonlinear gene expressionâ€phenotype relationships contribute to variation and clefting in the A/WySn mouse. <i>Developmental Dynamics</i> , 2019, 248, 1232-1242.	0.8	18
44	Integration and the Developmental Genetics of Allometry. <i>Integrative and Comparative Biology</i> , 2019, 59, 1369-1381.	0.9	42
45	Hybridization in human evolution: Insights from other organisms. <i>Evolutionary Anthropology</i> , 2019, 28, 189-209.	1.7	57
46	The effect of automated landmark identification on morphometric analyses. <i>Journal of Anatomy</i> , 2019, 234, 917-935.	0.9	26
47	Emergent Properties of Facial Morphogenesis Regulated by Fgf Signaling. <i>FASEB Journal</i> , 2019, 33, 774.18.	0.2	0
48	Integration and the genetics of variation in facial shape. <i>FASEB Journal</i> , 2019, 33, 330.2.	0.2	0
49	Modeling the Development of Cleft Lip and Palate in Variable Clefting Mouse Strains. <i>FASEB Journal</i> , 2019, 33, .	0.2	0
50	Bone Morphogenetic Protein 2 Coordinates Early Tooth Mineralization. <i>Journal of Dental Research</i> , 2018, 97, 835-843.	2.5	35
51	Brain Structural Networks in Mouse Exposed to Chronic Maternal Undernutrition. <i>Neuroscience</i> , 2018, 380, 14-26.	1.1	11
52	Craniomandibular form and body size variation of first generation mouse hybrids: A model for hominin hybridization. <i>Journal of Human Evolution</i> , 2018, 116, 57-74.	1.3	15
53	Body size and allometric variation in facial shape in children. <i>American Journal of Physical Anthropology</i> , 2018, 165, 327-342.	2.1	23
54	Facial shape manifestations of growth faltering in Tanzanian children. <i>Journal of Anatomy</i> , 2018, 232, 250-262.	0.9	4

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55	Developmental constraint through negative pleiotropy in the zygomatic arch. <i>EvoDevo</i> , 2018, 9, 3.	1.3	6
56	Understanding the development of variable craniofacial phenotypes caused by altered methylation affecting Wnt9b in A \hat{c} strain mice. <i>FASEB Journal</i> , 2018, 32, 776.14.	0.2	0
57	Untangling Sources of Phenotypic Variation Characterizing the Craniofacial Disease Holoprosencephaly. <i>FASEB Journal</i> , 2018, 32, 776.11.	0.2	0
58	Human Facial Shape and Size Heritability and Genetic Correlations. <i>Genetics</i> , 2017, 205, 967-978.	1.2	70
59	Quantifying three-dimensional morphology and RNA from individual embryos. <i>Developmental Dynamics</i> , 2017, 246, 431-436.	0.8	7
60	Rapid automated landmarking for morphometric analysis of three-dimensional facial scans. <i>Journal of Anatomy</i> , 2017, 230, 607-618.	0.9	31
61	Craniofacial diversification in the domestic pigeon and the evolution of the avian skull. <i>Nature Ecology and Evolution</i> , 2017, 1, 95.	3.4	29
62	The Interaction of Genetic Background and Mutational Effects in Regulation of Mouse Craniofacial Shape. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1439-1450.	0.8	22
63	Shape Variation in the Dermatocranium of the Greater Short-Horned Lizard <i>Phrynosoma hernandesi</i> (Reptilia: Squamata: Phrynosomatidae). <i>Evolutionary Biology</i> , 2017, 44, 240-260.	0.5	6
64	Developmental nonlinearity drives phenotypic robustness. <i>Nature Communications</i> , 2017, 8, 1970.	5.8	81
65	Angiotensin receptor blockade mediated amelioration of mucopolysaccharidosis type I cardiac and craniofacial pathology. <i>Journal of Inherited Metabolic Disease</i> , 2017, 40, 281-289.	1.7	12
66	Genome-Wide Association Study Reveals Multiple Loci Influencing Normal Human Facial Morphology. <i>PLoS Genetics</i> , 2016, 12, e1006149.	1.5	140
67	Genomewide Association Study of African Children Identifies Association of SCHIP1 and PDE8A with Facial Size and Shape. <i>PLoS Genetics</i> , 2016, 12, e1006174.	1.5	81
68	Genetic structure of phenotypic robustness in the collaborative cross mouse diallel panel. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1737-1751.	0.8	19
69	Development Shapes a Consistent Inbreeding Effect in Mouse Crania of Different Line Crosses. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 474-488.	0.6	11
70	Genetics of murine craniofacial morphology: diallel analysis of the eight founders of the Collaborative Cross. <i>Journal of Anatomy</i> , 2016, 228, 96-112.	0.9	29
71	Facial surface morphology predicts variation in internal skeletal shape. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 149, 501-508.	0.8	28
72	Beyond cell proliferation in avian facial morphogenesis. <i>Developmental Dynamics</i> , 2016, 245, 190-196.	0.8	3

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73	Conditional Creation and Rescue of Nipbl-Deficiency in Mice Reveals Multiple Determinants of Risk for Congenital Heart Defects. <i>PLoS Biology</i> , 2016, 14, e2000197.	2.6	28
74	Chronic Protein Restriction in Mice Impacts Placental Function and Maternal Body Weight before Fetal Growth. <i>PLoS ONE</i> , 2016, 11, e0152227.	1.1	52
75	Prenatal development of skull and brain in a mouse model of growth restriction. <i>Revista Argentina De Antropologia Biologica</i> , 2016, 18, .	0.2	4
76	<i>Tfap2a</i> -dependent changes in facial morphology result in clefting that can be ameliorated by a reduction in <i>Fgf8</i> gene dosage. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 31-43.	1.2	40
77	Impact of retinoic acid exposure on midfacial shape variation and manifestation of holoprosencephaly in <i>Twisted gastrulation</i> mutant mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 139-46.	1.2	19
78	Facial Morphogenesis. <i>Current Topics in Developmental Biology</i> , 2015, 115, 299-320.	1.0	83
79	Morphometrics, 3D Imaging, and Craniofacial Development. <i>Current Topics in Developmental Biology</i> , 2015, 115, 561-597.	1.0	61
80	Signals from the brain induce variation in avian facial shape. <i>Developmental Dynamics</i> , 2015, 244, 1133-1143.	0.8	52
81	Mind the Gap: Genetic Manipulation of Basicranial Growth within Synchondroses Modulates Calvarial and Facial Shape in Mice through Epigenetic Interactions. <i>PLoS ONE</i> , 2015, 10, e0118355.	1.1	45
82	Correlations Between the Morphology of Sonic Hedgehog Expression Domains and Embryonic Craniofacial Shape. <i>Evolutionary Biology</i> , 2015, 42, 379-386.	0.5	22
83	A dynamic <i>Shh</i> expression pattern, regulated by SHH and BMP signaling, coordinates fusion of primordia in the amniote face. <i>Development (Cambridge)</i> , 2015, 142, 567-574.	1.2	59
84	Divergence of craniofacial developmental trajectories among avian embryos. <i>Developmental Dynamics</i> , 2015, 244, 1158-1167.	0.8	33
85	Inbred Background Effects On Craniofacial Shape Dymorphology In Mice With <i>Spry</i> Deletions. <i>FASEB Journal</i> , 2015, 29, 697.2.	0.2	0
86	Shape-shift: Semicircular canal morphology responds to selective breeding for increased locomotor activity. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3184-3198.	1.1	26
87	Let's Face It—Complex Traits Are Just Not That Simple. <i>PLoS Genetics</i> , 2014, 10, e1004724.	1.5	68
88	Bone quality in prehistoric, cisbaikal forager femora: A micro-CT analysis of cortical canal microstructure. <i>American Journal of Physical Anthropology</i> , 2014, 154, 486-497.	2.1	5
89	Surface landmark quantification of embryonic mouse craniofacial morphogenesis. <i>BMC Developmental Biology</i> , 2014, 14, 31.	2.1	19
90	Impacts of genetic correlation on the independent evolution of body mass and skeletal size in mammals. <i>BMC Evolutionary Biology</i> , 2014, 14, 258.	3.2	36

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91	Stem Cell-Derived Endochondral Cartilage Stimulates Bone Healing by Tissue Transformation. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1269-1282.	3.1	159
92	Craniofacial morphometric analysis of individuals with X-linked hypohidrotic ectodermal dysplasia. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 422-429.	0.6	19
93	Association between integration structure and functional evolution in the opercular four-bar apparatus of the threespine stickleback, <i>Gasterosteus aculeatus</i> (Pisces: Gasterosteidae). <i>Biological Journal of the Linnean Society</i> , 2014, 111, 375-390.	0.7	18
94	Facial morphometrics of children with non-syndromic orofacial clefts in Tanzania. <i>BMC Oral Health</i> , 2014, 14, 93.	0.8	17
95	Canalization and developmental instability of the fetal skull in a mouse model of maternal nutritional stress. <i>American Journal of Physical Anthropology</i> , 2014, 154, 544-553.	2.1	29
96	Embryonic bauplans and the developmental origins of facial diversity and constraint. <i>Development (Cambridge)</i> , 2014, 141, 1059-1063.	1.2	112
97	Endochondral bone tissue engineering: using cartilage to drive vascularized bone regeneration (87.6). <i>FASEB Journal</i> , 2014, 28, 87.6.	0.2	0
98	The LINDSAY Virtual Human Project: An immersive approach to anatomy and physiology. <i>Anatomical Sciences Education</i> , 2013, 6, 19-28.	2.5	38
99	Effects of growth hormone on the ontogenetic allometry of craniofacial bones. <i>Evolution & Development</i> , 2013, 15, 133-145.	1.1	44
100	Quantification of shape and cell polarity reveals a novel mechanism underlying malformations resulting from related FGF mutations during facial morphogenesis. <i>Human Molecular Genetics</i> , 2013, 22, 5160-5172.	1.4	30
101	Fine Tuning of Craniofacial Morphology by Distant-Acting Enhancers. <i>Science</i> , 2013, 342, 1241006.	6.0	209
102	The effect of hypoxia on facial shape variation and disease phenotypes in chicken embryos. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 915-24.	1.2	21
103	Genomic Correlates of Relationship QTL Involved in Fore- versus Hind Limb Divergence in Mice. <i>Genome Biology and Evolution</i> , 2013, 5, 1926-1936.	1.1	16
104	Embryonic origins of novelty and constraint in the amniote upper jaw. <i>FASEB Journal</i> , 2013, 27, 319.3.	0.2	0
105	Microarchitecture, but Not Bone Mechanical Properties, Is Rescued with Growth Hormone Treatment in a Mouse Model of Growth Hormone Deficiency. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-10.	0.6	12
106	The Genome Architecture of the Collaborative Cross Mouse Genetic Reference Population. <i>Genetics</i> , 2012, 190, 389-401.	1.2	435
107	Heterotopic mineralization (ossification or calcification) in tendinopathy or following surgical tendon trauma. <i>International Journal of Experimental Pathology</i> , 2012, 93, 319-331.	0.6	92
108	Genetics and evolution of function-valued traits: understanding environmentally responsive phenotypes. <i>Trends in Ecology and Evolution</i> , 2012, 27, 637-647.	4.2	176

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109	The Developmental Basis of Quantitative Craniofacial Variation in Humans and Mice. <i>Evolutionary Biology</i> , 2012, 39, 554-567.	0.5	41
110	The Generation of Variation and the Developmental Basis for Evolutionary Novelty. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2012, 318, 501-517.	0.6	93
111	Signaling by SHH rescues facial defects following blockade in the brain. <i>Developmental Dynamics</i> , 2012, 241, 247-256.	0.8	43
112	Fragile Spines on Cayo Santiago: Bone Mineral Density, Trabecular Morphology, and the Potential for Exploring the Genetics of Osteoporosis in Rhesus Monkeys. , 2012, , 85-116.		3
113	Swarm-Based Computational Development. <i>Understanding Complex Systems</i> , 2012, , 473-499.	0.3	1
114	The Phenogenomics of Craniofacial Shape. <i>FASEB Journal</i> , 2012, 26, 337.4.	0.2	1
115	Changes in semicircular canal morphology in response to selective breeding for high voluntary wheel running. <i>FASEB Journal</i> , 2012, 26, 729.1.	0.2	0
116	A Novel Gene <i>Crispld2</i> may Contribute to Facial Dymorphology in a Chicken Model of Crouzon's Syndrome. <i>FASEB Journal</i> , 2012, 26, 907.15.	0.2	0
117	Tissue Interactions that Regulate Facial Morphogenesis. <i>FASEB Journal</i> , 2012, 26, 337.2.	0.2	0
118	The FaceBase Consortium: A comprehensive program to facilitate craniofacial research. <i>Developmental Biology</i> , 2011, 355, 175-182.	0.9	72
119	Modularity in the skull and cranial vasculature of laboratory mice: implications for the evolution of complex phenotypes. <i>Evolution & Development</i> , 2011, 13, 28-37.	1.1	35
120	Developmental plasticity in covariance structure of the skull: effects of prenatal stress. <i>Journal of Anatomy</i> , 2011, 218, 243-257.	0.9	31
121	PIONEERING PARADIGMS AND MAGNIFICENT MANIFESTOS-LEIGH VAN VALEN'S PRICELESS CONTRIBUTIONS TO EVOLUTIONARY BIOLOGY. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 917-922.	1.1	2
122	Editorial: What I Learned from Leigh Van Valen. <i>Evolutionary Biology</i> , 2011, 38, 1-2.	0.5	7
123	An assessment of orofacial clefts in Tanzania. <i>BMC Oral Health</i> , 2011, 11, 5.	0.8	36
124	Effects of environmental perturbations during postnatal development on the phenotypic integration of the skull. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2011, 316B, 547-561.	0.6	26
125	Epigenetic integration of the developing brain and face. <i>Developmental Dynamics</i> , 2011, 240, 2233-2244.	0.8	63
126	Mechanisms that underlie covariation of the brain and face. <i>Genesis</i> , 2011, 49, 177-189.	0.8	141

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127	Craniofacial defect regeneration using engineered bone marrow mesenchymal stromal cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 74-85.	2.1	22
128	Estimating Cell Count and Distribution in Labeled Histological Samples Using Incremental Cell Search. <i>International Journal of Biomedical Imaging</i> , 2011, 2011, 1-16.	3.0	7
129	Rediscovering Waddington in the post-genomic age. <i>BioEssays</i> , 2010, 32, 553-558.	1.2	59
130	Micro-computed tomography-based phenotypic approaches in embryology: procedural artifacts on assessments of embryonic craniofacial growth and development. <i>BMC Developmental Biology</i> , 2010, 10, 18.	2.1	43
131	Building generic anatomical models using virtual model cutting and iterative registration. <i>BMC Medical Imaging</i> , 2010, 10, 5.	1.4	0
132	THE COEVOLUTION OF HUMAN HANDS AND FEET. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1558-1568.	1.1	103
133	Development and the evolvability of human limbs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3400-3405.	3.3	217
134	Quantitative analyses link modulation of sonic hedgehog signaling to continuous variation in facial growth and shape. <i>Development (Cambridge)</i> , 2010, 137, 3405-3409.	1.2	122
135	Visualization of biological shape transformation by 3D model morphing. , 2010, , .		0
136	Timing of growth hormone treatment affects trabecular bone microarchitecture and mineralization in growth hormone deficient mice. <i>Bone</i> , 2010, 47, 295-300.	1.4	13
137	THE COEVOLUTION OF HUMAN HANDS AND FEET. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1558-68.	1.1	38
138	The Lysyl Oxidase Inhibitor, β^2 -Aminopropionitrile, Diminishes the Metastatic Colonization Potential of Circulating Breast Cancer Cells. <i>PLoS ONE</i> , 2009, 4, e5620.	1.1	139
139	Osteo-Chondroprogenitor-Specific Deletion of the Selenocysteine tRNA Gene, <i>Trsp</i> , Leads to Chondronecrosis and Abnormal Skeletal Development: A Putative Model for Kashin-Beck Disease. <i>PLoS Genetics</i> , 2009, 5, e1000616.	1.5	96
140	Multiple Organ System Defects and Transcriptional Dysregulation in the <i>Nipbl</i> +/ $\hat{\wedge}$ Mouse, a Model of Cornelia de Lange Syndrome. <i>PLoS Genetics</i> , 2009, 5, e1000650.	1.5	222
141	Animal-human connections, one health, and the syndemic approach to prevention. <i>Social Science and Medicine</i> , 2009, 68, 991-995.	1.8	117
142	Epigenetic Effects on Integration of Limb Lengths in a Mouse Model: Selective Breeding for High Voluntary Locomotor Activity. <i>Evolutionary Biology</i> , 2009, 36, 88.	0.5	20
143	Deciphering the Palimpsest: Studying the Relationship Between Morphological Integration and Phenotypic Covariation. <i>Evolutionary Biology</i> , 2009, 36, 355-376.	0.5	373
144	The State of Evolutionary Biology (The Journal): A Progress Report. <i>Evolutionary Biology</i> , 2009, 36, 423-425.	0.5	0

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145	A COMPARISON OF COVARIANCE STRUCTURE IN WILD AND LABORATORY MUROID CRANIA. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1540-1556.	1.1	60
146	Unravelling the relationship between age, nociception and joint destruction in naturally occurring osteoarthritis of Dunkin Hartley guinea pigs. <i>Pain</i> , 2009, 141, 222-232.	2.0	72
147	Geometric Morphometrics and the Study of Development. , 2009, , 319-336.		7
148	Anatomical Imaging and Post-Genomic Biology. , 2009, , 411-426.		3
149	The relationship between variable SHH signaling and the severity of structural defects in the face and brain. <i>FASEB Journal</i> , 2009, 23, 180.5.	0.2	0
150	Integration, Canalization and Malformation: A conceptual framework for relating phenotypic variability and dysmorphology. <i>FASEB Journal</i> , 2009, 23, 180.2.	0.2	0
151	Fast interactive integration of cross-sectional image datasets and surface data for morphometric analysis. <i>Studies in Health Technology and Informatics</i> , 2009, 142, 183-8.	0.2	1
152	An efficient virtual dissection tool to create generic models for anatomical atlases. <i>Studies in Health Technology and Informatics</i> , 2009, 142, 426-8.	0.2	1
153	The False Dichotomy of Evolution versus Intelligent Design. <i>Evolutionary Biology</i> , 2008, 35, 1-3.	0.5	3
154	Biological spacetime and the temporal integration of functional modules: A case study of dento-gnathic developmental timing. <i>Developmental Dynamics</i> , 2008, 237, 1-17.	0.8	30
155	CAVEman: Standardized anatomical context for biomedical data mapping. <i>Anatomical Sciences Education</i> , 2008, 1, 10-18.	2.5	14
156	Phenotypic variability and craniofacial dysmorphology: increased shape variance in a mouse model for cleft lip. <i>Journal of Anatomy</i> , 2008, 212, 135-143.	0.9	67
157	Spatial packing, cranial base angulation, and craniofacial shape variation in the mammalian skull: testing a new model using mice. <i>Journal of Anatomy</i> , 2008, 212, 720-735.	0.9	131
158	A three-dimensional microcomputed tomographic study of site-specific variation in trabecular microarchitecture in the human second metacarpal. <i>Journal of Anatomy</i> , 2008, 213, 698-705.	0.9	19
159	Short-faced mice and developmental interactions between the brain and the face. <i>Journal of Anatomy</i> , 2008, 213, 646-662.	0.9	63
160	A Novel 3-D Image-Based Morphological Method for Phenotypic Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 2826-2831.	2.5	28
161	Articular constraint, handedness, and directional asymmetry in the human second metacarpal. <i>Journal of Human Evolution</i> , 2008, 54, 875-885.	1.3	49
162	Mouse models and the evolutionary developmental biology of the skull. <i>Integrative and Comparative Biology</i> , 2008, 48, 373-384.	0.9	82

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