

Daniel Graf

List of Publications by Year in descending order

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77
papers

5,845
citations

126907

33
h-index

76900

74
g-index

86
all docs

86
docs citations

86
times ranked

7405
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP3 is a novel locus involved in the causality of ocular coloboma. <i>Human Genetics</i> , 2022, , 1.	3.8	4
2	Properties of the Nasal Cartilage, from Development to Adulthood: A Scoping Review. <i>Cartilage</i> , 2022, 13, 194760352210876.	2.7	12
3	Histological Techniques for Sectioning Bones of the Vertebrate Craniofacial Skeleton. <i>Methods in Molecular Biology</i> , 2022, 2403, 187-200.	0.9	1
4	MusMorph, a database of standardized mouse morphology data for morphometric meta-analyses. <i>Scientific Data</i> , 2022, 9, .	5.3	3
5	Histological and molecular characterization of the growing nasal septum in mice. <i>Journal of Anatomy</i> , 2021, 238, 751-764.	1.5	10
6	Neural crest-specific loss of <i>Bmp7</i> leads to midfacial hypoplasia, nasal airway obstruction and disordered breathing, modeling obstructive sleep apnea. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	11
7	On the ability of experimental impact measures to predict tooth injuries in an ex vivo swine model. <i>Dental Traumatology</i> , 2021, 37, 464-473.	2.0	0
8	Craniofacial Development: Neural Crest in Molecular Embryology. <i>Head and Neck Pathology</i> , 2021, 15, 1-15.	2.6	19
9	The Chromatin Regulator Ankrd11 Controls Palate and Cranial Bone Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645386.	3.7	16
10	Nasal Septum Deviation as the Consequence of BMP-Controlled Changes to Cartilage Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696545.	3.7	5
11	Delivery of Bioactive Gene Particles via Gelatin-Collagen-PEG-Based Electrospun Matrices. <i>Pharmaceuticals</i> , 2021, 14, 666.	3.8	13
12	Potential impact of pediatric obstructive sleep apnea on mandibular cortical width dimensions. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1627-1634.	2.6	5
13	Nasal cavity structural anomalies in children and adolescents at high risk of sleep-disordered breathing: An exploratory cone-beam computed tomography study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 160, 533-543.e2.	1.7	4
14	Zebrafish model for spondylo-megaepiphyseal-metaphyseal dysplasia reveals post-embryonic roles of <i>Nkx3.2</i> in the skeleton. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	7
15	Relating multivariate shapes to genescapes using phenotype-biological process associations for craniofacial shape. <i>ELife</i> , 2021, 10, .	6.0	7
16	Mesenchymal <i>Bmp7</i> Controls Onset of Tooth Mineralization: A Novel Way to Regulate Molar Cusp Shape. <i>Frontiers in Physiology</i> , 2020, 11, 698.	2.8	18
17	<i>nkx3.2</i> mutant zebrafish accommodate jaw joint loss through a phenocopy of the head shapes of Paleozoic jawless fish. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	10
18	Sleep-Disordered Breathing Is Associated with Reduced Mandibular Cortical Width in Children. <i>JDR Clinical and Translational Research</i> , 2019, 4, 58-67.	1.9	7

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19	Bone Morphogenetic Protein 2 Coordinates Early Tooth Mineralization. <i>Journal of Dental Research</i> , 2018, 97, 835-843.	5.2	35
20	Deletion/loss of bone morphogenetic protein 7 changes tooth morphology and function in <i>Mus musculus</i> : implications for dental evolution in mammals. <i>Royal Society Open Science</i> , 2018, 5, 170761.	2.4	10
21	Association between sleep apnea and low bone mass in adults: a systematic review and meta-analysis. <i>Osteoporosis International</i> , 2017, 28, 1835-1852.	3.1	24
22	Branching morphogenesis in the developing kidney is governed by rules that pattern the ureteric tree. <i>Development (Cambridge)</i> , 2017, 144, 4377-4385.	2.5	24
23	Meta-analysis Reveals Genome-Wide Significance at 15q13 for Nonsyndromic Clefting of Both the Lip and the Palate, and Functional Analyses Implicate <i>GREM1</i> As a Plausible Causative Gene. <i>PLoS Genetics</i> , 2016, 12, e1005914.	3.5	66
24	Dislocated Tongue Muscle Attachment and Cleft Palate Formation. <i>Journal of Dental Research</i> , 2016, 95, 453-459.	5.2	20
25	Common mechanisms in development and disease: BMP signaling in craniofacial development. <i>Cytokine and Growth Factor Reviews</i> , 2016, 27, 129-139.	7.2	94
26	Elimination of BMP7 from the developing limb mesenchyme leads to articular cartilage degeneration and synovial inflammation with increased age. <i>FEBS Letters</i> , 2015, 589, 1240-1248.	2.8	26
27	Holoprosencephaly: signaling interactions between the brain and the face, the environment and the genes, and the phenotypic variability in animal models and humans. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2015, 4, 17-32.	5.9	79
28	Twisted Gastrulation, a BMP Antagonist, Exacerbates Podocyte Injury. <i>PLoS ONE</i> , 2014, 9, e89135.	2.5	18
29	Elimination of BMP7 expression from the limb enhances articular cartilage degeneration and synovial hyperplasia in adult mice. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S140-S141.	1.3	0
30	Expansion of Murine Periosteal Progenitor Cells with Fibroblast Growth Factor 2 Reveals an Intrinsic Endochondral Ossification Program Mediated by Bone Morphogenetic Protein 2. <i>Stem Cells</i> , 2014, 32, 2407-2418.	3.2	63
31	BMP-binding protein twisted gastrulation is required in mammary gland epithelium for normal ductal elongation and myoepithelial compartmentalization. <i>Developmental Biology</i> , 2013, 373, 95-106.	2.0	30
32	Bone Morphogenetic Protein Signaling Is a Major Determinant of Dentate Development. <i>Journal of Neuroscience</i> , 2013, 33, 6766-6775.	3.6	46
33	Identification of bone morphogenetic protein 7 (BMP7) as an instructive factor for human epidermal Langerhans cell differentiation. <i>Journal of Experimental Medicine</i> , 2013, 210, 2597-2610.	8.5	88
34	The Etiology of Cleft Palate Formation in BMP7-Deficient Mice. <i>PLoS ONE</i> , 2013, 8, e59463.	2.5	37
35	Putative functions of extracellular matrix glycoproteins in secondary palate morphogenesis. <i>Frontiers in Physiology</i> , 2012, 3, 377.	2.8	22
36	Stem Cell Fate Determination during Development and Regeneration of Ectodermal Organs. <i>Frontiers in Physiology</i> , 2012, 3, 107.	2.8	43

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37	Bmp7 Regulates the Survival, Proliferation, and Neurogenic Properties of Neural Progenitor Cells during Corticogenesis in the Mouse. PLoS ONE, 2012, 7, e34088.	2.5	73
38	Reduced BMP Signaling Results in Hindlimb Fusion with Lethal Pelvic/Urogenital Organ Aplasia: A New Mouse Model of Sirenomelia. PLoS ONE, 2012, 7, e43453.	2.5	28
39	Site-Specific Expression of Gelatinolytic Activity during Morphogenesis of the Secondary Palate in the Mouse Embryo. PLoS ONE, 2012, 7, e47762.	2.5	14
40	Compartmentalization of bone morphogenetic proteins and their antagonists in lymphoid progenitors and supporting microenvironments and functional implications. Immunology, 2011, 134, 349-359.	4.4	17
41	Involvement of Twisted Gastrulation in T Cell-Independent Plasma Cell Production. Journal of Immunology, 2011, 186, 6860-6870.	0.8	14
42	Noggin null allele mice exhibit a microform of holoprosencephaly. Human Molecular Genetics, 2011, 20, 4005-4015.	2.9	26
43	The genetic basis of craniofacial and dental abnormalities. Schweizerische Monatsschrift für Zahnmedizin = Revue Mensuelle Suisse D'odonto-stomatologie = Rivista Mensile Svizzera Di Odontologia E Stomatologia, 2011, 121, 636-46.	0.3	17
44	Conditional deletion of BMP7 from the limb skeleton does not affect bone formation or fracture repair. Journal of Orthopaedic Research, 2010, 28, 384-389.	2.3	53
45	BMPs and FGFs target Notch signalling via jagged 2 to regulate tooth morphogenesis and cytodifferentiation. Development (Cambridge), 2010, 137, 3025-3035.	2.5	68
46	Bone morphogenetic protein-7 release from endogenous neural precursor cells suppresses the tumorigenicity of stem-like glioblastoma cells. Brain, 2010, 133, 1961-1972.	7.6	90
47	A Butyrophilin Family Member Critically Inhibits T Cell Activation. Journal of Immunology, 2010, 185, 5907-5914.	0.8	48
48	Cutting Edge: A Critical Role of B and T Lymphocyte Attenuator in Peripheral T Cell Tolerance Induction. Journal of Immunology, 2009, 182, 4516-4520.	0.8	52
49	Deletion of BMP7 affects the development of bones, teeth, and other ectodermal appendages of the orofacial complex. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2009, 312B, 361-374.	1.3	70
50	Cell fate determination during tooth development and regeneration. Birth Defects Research Part C: Embryo Today Reviews, 2009, 87, 199-211.	3.6	116
51	New horizons at the caudal embryos: coordinated urogenital/reproductive organ formation by growth factor signaling. Current Opinion in Genetics and Development, 2009, 19, 491-496.	3.3	17
52	Twisted gastrulation limits apoptosis in the distal region of the mandibular arch in mice. Developmental Biology, 2009, 328, 13-23.	2.0	31
53	Generation and functional characterization of mice with a conditional BMP7 allele. International Journal of Developmental Biology, 2009, 53, 597-603.	0.6	28
54	Podocyte-Derived BMP7 Is Critical for Nephron Development. Journal of the American Society of Nephrology: JASN, 2008, 19, 2181-2191.	6.1	57

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55	A Central Role for Tumor-derived Monocyte Chemoattractant Protein-1 in Malignant Pleural Effusion. <i>Journal of the National Cancer Institute</i> , 2008, 100, 1464-1476.	6.3	88
56	Dissection of bone morphogenetic protein signaling using genome-engineering tools. , 2008, , 115-139.		5
57	Tumor Necrosis Factor- α Promotes Malignant Pleural Effusion. <i>Cancer Research</i> , 2007, 67, 9825-9834.	0.9	102
58	Characterization of B7S3 as a Novel Negative Regulator of T Cells. <i>Journal of Immunology</i> , 2007, 178, 3661-3667.	0.8	18
59	A role for Dicer in immune regulation. <i>Journal of Experimental Medicine</i> , 2006, 203, 2519-2527.	8.5	490
60	A role for Dicer in immune regulation. <i>Journal of Cell Biology</i> , 2006, 175, i7-i7.	5.2	0
61	Immunological Features of Fibrodysplasia Ossificans Progressiva and the Dysregulated BMP4 Pathway. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2005, 3, 189-194.	0.8	45
62	The Developmentally Regulated Expression of Twisted Gastrulation Reveals a Role for Bone Morphogenetic Proteins in the Control of T Cell Development. <i>Journal of Experimental Medicine</i> , 2002, 196, 163-171.	8.5	75
63	Evolutionary conservation, developmental expression, and genomic mapping of mammalian Twisted gastrulation. <i>Mammalian Genome</i> , 2001, 12, 554-560.	2.2	27
64	Identification of Cd36 (Fat) as an insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats. <i>Nature Genetics</i> , 1999, 21, 76-83.	21.4	692
65	Dynamic Repositioning of Genes in the Nucleus of Lymphocytes Preparing for Cell Division. <i>Molecular Cell</i> , 1999, 3, 207-217.	9.7	376
66	Rational primer design greatly improves differential display-PCR (DD-PCR). <i>Nucleic Acids Research</i> , 1997, 25, 2239-2240.	14.5	32
67	How Many Thymocytes Audition for Selection?. <i>Journal of Experimental Medicine</i> , 1997, 186, 1149-1158.	8.5	206
68	Selection-induced gene expression in thymocytes. <i>Genetical Research</i> , 1997, 70, 79-89.	0.9	1
69	Severe combined immunodeficiency due to defective binding of the nuclear factor of activated T cells in T lymphocytes of two male siblings. <i>European Journal of Immunology</i> , 1996, 26, 2119-2126.	2.9	119
70	Induction, regulation, and function of soluble TRAP (CD40 ligand) during interaction of primary CD4+ CD45RA+ T cells with dendritic cells. <i>European Journal of Immunology</i> , 1996, 26, 3137-3143.	2.9	85
71	Ontogeny of CD40 expression by activated peripheral blood lymphocytes in humans. <i>Immunology Letters</i> , 1996, 49, 27-30.	2.5	17
72	A soluble form of TRAP (CD40 ligand) is rapidly released after T cell activation. <i>European Journal of Immunology</i> , 1995, 25, 1749-1754.	2.9	238

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73	Spontaneous apoptosis of dendritic cells is efficiently inhibited by TRAP (CD40-ligand) and TNF- $\hat{\pm}$, but strongly enhanced by interleukin-10. European Journal of Immunology, 1995, 25, 1943-1950.	2.9	194
74	Ineffective expression of CD40 ligand on cord blood T cells may contribute to poor immunoglobulin production in the newborn. European Journal of Immunology, 1994, 24, 1919-1924.	2.9	99
75	Defective Expression of CD40 Ligand on T Cells Causes $\hat{\pm}$ Linked Immunodeficiency with Hyper $\hat{\pm}$ gM (HIGM1) $\hat{\pm}$. Immunological Reviews, 1994, 138, 39-59.	6.0	122
76	Defective expression of T-cell CD40 ligand causes X-linked immunodeficiency with hyper-IgM. Nature, 1993, 361, 539-541.	27.8	703
77	Cloning of TRAP, a ligand for CD40 on human T cells. European Journal of Immunology, 1992, 22, 3191-3194.	2.9	263