

Kerby C Oberg

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

2,960
citations

236612

25
h-index

168136

53
g-index

106
all docs

106
docs citations

106
times ranked

2653
citing authors

#	ARTICLE	IF	CITATIONS
1	Limb and kidney defects in Lmx1b mutant mice suggest an involvement of LMX1B in human nail patella syndrome. <i>Nature Genetics</i> , 1998, 19, 51-55.	9.4	499
2	Necrotizing fasciitis: a fourteen-year retrospective study of 163 consecutive patients. <i>American Surgeon</i> , 2002, 68, 109-16.	0.4	220
3	Regulation of glomerular basement membrane collagen expression by LMX1B contributes to renal disease in nail patella syndrome. <i>Nature Genetics</i> , 2001, 27, 205-208.	9.4	189
4	Let-7 as biomarker, prognostic indicator, and therapy for precision medicine in cancer. <i>Clinical and Translational Medicine</i> , 2019, 8, 24.	1.7	172
5	Developmental Biology and Classification of Congenital Anomalies of the Hand and Upper Extremity. <i>Journal of Hand Surgery</i> , 2010, 35, 2066-2076.	0.7	167
6	Classification and Developmental Biology of Congenital Anomalies of the Hand and Upper Extremity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 3-18.	1.4	130
7	The Effect of AlloDerm Envelopes on Periprosthetic Capsule Formation with and without Radiation. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 807-816.	0.7	122
8	Aesthetic Outcomes in Patients Undergoing Breast Conservation Therapy for the Treatment of Localized Breast Cancer. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 1442-1449.	0.7	114
9	Rate constants for binding, dissociation, and internalization of EGF: effect of receptor occupancy and ligand concentration. <i>Biochemistry</i> , 1990, 29, 3563-3569.	1.2	93
10	LMX1B transactivation and expression in nail-patella syndrome. <i>Human Molecular Genetics</i> , 2000, 9, 1067-1074.	1.4	93
11	Classification of Congenital Anomalies of the Hand and Upper Limb: Development and Assessment of a New System. <i>Journal of Hand Surgery</i> , 2013, 38, 1845-1853.	0.7	90
12	Dynamics and competition of CRISPR-Cas9 ribonucleoproteins and AAV donor-mediated NHEJ, MMEJ and HDR editing. <i>Nucleic Acids Research</i> , 2021, 49, 969-985.	6.5	90
13	Enhanced Therapeutic Effect of HSV-tk+GCV Gene Therapy and Ionizing Radiation for Prostate Cancer. <i>Molecular Therapy</i> , 2001, 3, 536-542.	3.7	77
14	Iron, copper, and iron regulatory protein 2 in Alzheimer's disease and related dementias. <i>Neuroscience Letters</i> , 2007, 418, 72-76.	1.0	73
15	Gene Expression Patterns in the Hypoxic Murine Placenta: A Role in Epigenesis?. <i>Reproductive Sciences</i> , 2007, 14, 223-233.	1.1	45
16	Sp6 and Sp8 Transcription Factors Control AER Formation and Dorsal-Ventral Patterning in Limb Development. <i>PLoS Genetics</i> , 2014, 10, e1004468.	1.5	44
17	The Oberg-Manske-Tonkin (OMT) Classification of Congenital Upper Extremities: Update for 2020. <i>Journal of Hand Surgery</i> , 2020, 45, 542-547.	0.7	44
18	The effectiveness and safety of topical PhotoActiv phosphatidylcholine-based anti-cellulite gel and LED (red and near-infrared) light on Grade II-III thigh cellulite: A randomized, double-blind study. <i>Journal of Cosmetic and Laser Therapy</i> , 2007, 9, 87-96.	0.3	43

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19	Renal Tubular Dysgenesis in Twin-Twin Transfusion Syndrome. <i>Pediatric and Developmental Pathology</i> , 1999, 2, 25-32.	0.5	41
20	The OMT Classification of Congenital Anomalies of the Hand and Upper Limb. <i>Hand Surgery</i> , 2015, 20, 336-342.	0.6	35
21	Visualization of molecular and cellular events with green fluorescent proteins in developing embryos: a review. <i>Luminescence</i> , 2003, 18, 1-18.	1.5	30
22	Dexamethasone Acts as a Negative Regulator of Epidermal Growth Factor Receptor Synthesis in Fetal Rat Lung Cells. <i>Molecular Endocrinology</i> , 1989, 3, 915-922.	3.7	29
23	Lmx1b expression during joint and tendon formation: localization and evaluation of potential downstream targets. <i>Gene Expression Patterns</i> , 2004, 4, 397-405.	0.3	28
24	Accumulation of Epidermal Growth Factor Receptors in Retinoic Acid-Treated Fetal Rat Lung Cells is Due to Enhanced Receptor Synthesis. <i>Molecular Endocrinology</i> , 1988, 2, 959-965.	3.7	27
25	Review of the Molecular Development of the Thumb: Digit Primera. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 1101-1105.	0.7	26
26	Efficient ectopic gene expression targeting chick mesoderm. <i>Developmental Dynamics</i> , 2002, 224, 291-302.	0.8	25
27	Busulfan-induced central polydactyly, syndactyly and cleft hand or foot: A common mechanism of disruption leads to divergent phenotypes. <i>Development Growth and Differentiation</i> , 2007, 49, 533-541.	0.6	25
28	Endoscopic intrauterine surgery in primates. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999, 13, 420-426.	1.3	21
29	Epithelial/mesenchymal heterogeneity of high-grade serous ovarian carcinoma samples correlates with miRNA let-7 levels and predicts tumor growth and metastasis. <i>Molecular Oncology</i> , 2020, 14, 2796-2813.	2.1	21
30	Dexamethasone and retinoic acid regulate the expression of epidermal growth factor receptor mRNA by distinct mechanisms. <i>Journal of Cellular Physiology</i> , 1991, 149, 244-251.	2.0	20
31	A Unique Combination of Infrared and Microwave Radiation Accelerates Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 258-266.	0.7	20
32	Prenatal ultrasonographic description and postnatal pathological findings in atelosteogenesis type 1. , 1998, 79, 392-395.		19
33	Detection of genes regulated by Lmx1b during limb dorsalization. <i>Development Growth and Differentiation</i> , 2012, 54, 451-462.	0.6	19
34	Lmx1b-targeted cis-regulatory modules involved in limb dorsalization. <i>Development (Cambridge)</i> , 2017, 144, 2009-2020.	1.2	19
35	ACTH-Secreting Islet Cell Tumor of the Pancreas Presenting as Bilateral Ovarian Tumors and Cushing's Syndrome. <i>International Journal of Gynecological Pathology</i> , 2002, 21, 276-280.	0.9	18
36	Intrauterine Repair of Cleft Lip-Like Defects in Lambs with a Novel Microclip. <i>Journal of Craniofacial Surgery</i> , 1995, 6, 126-131.	0.3	16

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37	Intrauterine Repair of Surgically Created Defects in Mice (Lip Incision Model) with a Microclip: Preamble to Endoscopic Intrauterine Surgery. <i>Cleft Palate-Craniofacial Journal</i> , 1995, 32, 129-137.	0.5	16
38	Endoscopic Excision and Repair of Simulated Bilateral Cleft Lips in Fetal Lambs. <i>Plastic and Reconstructive Surgery</i> , 1998, 102, 1-9.	0.7	16
39	Intrauterine Repair of Surgically Created Defects in Mice (Lip Incision Model) with a Microclip: Preamble to Endoscopic Intrauterine Surgery. <i>Cleft Palate-Craniofacial Journal</i> , 1995, 32, 129-137.	0.5	15
40	A multidisciplinary review of triphalangeal thumb. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 59-68.	0.5	15
41	Identification of limb-specific Lmx1b auto-regulatory modules with Nail-patella syndrome pathogenicity. <i>Nature Communications</i> , 2021, 12, 5533.	5.8	13
42	A Unique Combination of Infrared and Microwave Radiation Accelerates Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 258-266.	0.7	12
43	LHX2 Mediates the FGF-to-SHH Regulatory Loop during Limb Development. <i>Journal of Developmental Biology</i> , 2018, 6, 13.	0.9	12
44	EGF-induced PGE2 release is synergistically enhanced in retinoic acid treated fetal rat lung cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 1515-1521.	1.0	11
45	Histopathologic Evaluation of the Canine Prostate Following Electrovaporization. <i>Journal of Urology</i> , 1997, 157, 1144-1148.	0.2	10
46	Pseudoepithelialization of Breast Implant Capsules. <i>International Journal of Surgical Pathology</i> , 1994, 1, 151-154.	0.4	9
47	Continuing medical education article—facial aesthetic surgery Bidirectional lift of the anterior midcheek with Gore-Tex cable sutures. <i>Aesthetic Surgery Journal</i> , 2003, 23, 248-256.	0.9	9
48	Classification of congenital upper limb anomalies: towards improved communication, diagnosis, and discovery. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 4-14.	0.5	9
49	NOGO-A induction and localization during chick brain development indicate a role disparate from neurite outgrowth inhibition. <i>BMC Developmental Biology</i> , 2007, 7, 32.	2.1	8
50	Cloning and Functional Study of Porcine Parotid Hormone, a Novel Proline-rich Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 22233-22244.	1.6	7
51	Acute Postviral Encephalopathy. <i>Child Neurology Open</i> , 2016, 3, 2329048X1665884.	0.5	7
52	A Guide to Competencies, Educational Goals, and Learning Objectives for Teaching Human Embryology in an Undergraduate Medical Education Setting. <i>Medical Science Educator</i> , 2018, 28, 417-428.	0.7	7
53	Nonpenetrating, arcuate-legged clip reconstruction of the rat uterine horn. <i>Journal of Minimally Invasive Gynecology</i> , 1994, 1, 395-400.	1.4	6
54	Absence of Robust Ischemic preconditioning by Five 1-minute total Umbilical Cord Occlusions in Fetal Sheep. <i>Journal of the Society for Gynecologic Investigation</i> , 2004, 11, 449-456.	1.9	6

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55	A standardized autopsy protocol for arthrogyrosis (multiple congenital contractures). American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 474-478.	0.7	5
56	Combined Congenital Radial and Ulnar Longitudinal Deficiencies: Report of 2 Cases. Journal of Hand Surgery, 2009, 34, 1298-1302.	0.7	4
57	A unique variant of a right persistent hypoglossal artery arising from the common carotid artery with complex cardiovascular anomalies in a female neonatal patient. Journal of Radiology Case Reports, 2019, 13, 28-35.	0.2	4
58	Autoradiographic Analysis of Expanded Skeletal Muscle in Rats. Plastic and Reconstructive Surgery, 1996, 97, 1411-1415.	0.7	3
59	The 2020 Obergâ€“Manskeâ€“Tonkin classification of congenital upper limb differences: updates and challenges. Journal of Hand Surgery: European Volume, 2020, 45, 1117-1119.	0.5	3
60	<i>In Vivo</i> Remodeling of Surgically Constructed Vascular Anastomoses. Annals of the New York Academy of Sciences, 2002, 961, 284-287.	1.8	2
61	Evaluation of a Chitosan Hemostat in a Porcine Laparoscopic Partial Nephrectomy Model: A Pilot Study. Journal of Endourology, 2019, 33, 887-894.	1.1	2
62	SILICONE BREAKDOWN AND CAPSULAR SYNOVIAL METAPLASIA IN TEXTURED-WALL SALINE BREAST IMPLANTS. Plastic and Reconstructive Surgery, 1996, 97, 249.	0.7	1
63	The Use of Seprafilm as a Biological Barrier in Flap Delay. Plastic and Reconstructive Surgery, 2011, 128, 89-90.	0.7	1
64	Distal Dorsal Dimelia: A Disturbance of Dorsal-Ventral Digit Development. Journal of Hand Surgery, 2019, 44, 421.e1-421.e8.	0.7	1
65	CORR InsightsÂ®: Is EDTA Irrigation Effective in Reducing Bacterial Infection in a Rat Model of Contaminated Intra-articular Implants?. Clinical Orthopaedics and Related Research, 2020, 478, 1122-1124.	0.7	1
66	Embryology and Classification of Congenital Upper Limb Anomalies. , 2015, , 3-25.		1
67	Re: MM Al-Qattan. Wnt pathways and upper limb anomalies. J Hand Surg Eur. 2011, 36: 9â€“22.. Journal of Hand Surgery: European Volume, 2011, 36, 434-434.	0.5	0
68	ZPA Regulatory Sequence (ZRS) Activity in the Limb is Eliminated by Loss of Hand2, Twist1, and Hoxd13 Binding Sites. FASEB Journal, 2021, 35, .	0.2	0
69	The SOX11 Transcription Factor Upregulates Growth Differentiation Factorâ€“5 During Joint Formation Through a Downstream Enhancer Element. FASEB Journal, 2021, 35, .	0.2	0
70	The ZPA Regulatory Sequence (ZRS) Hand2 and Twist1 Binding Sites are Not Necessary for ZRS Activity. FASEB Journal, 2021, 35, .	0.2	0
71	Ectopic Anterior Expression of SHH Rescues Tripartite Limb Outgrowth Following Chick Limb Bud Amputation. FASEB Journal, 2006, 20, A884.	0.2	0
72	Alignment of HOXC5, C6 and C8 Genes on Chicken Chromosome 1: Dispersion of a Vertebrate HOX Cluster?. FASEB Journal, 2006, 20, A877.	0.2	0

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73	Emx2 Regulation by Lmx1b. FASEB Journal, 2006, 20, A877.	0.2	0
74	Involvement of NOGO in Chick CNS Induction. FASEB Journal, 2006, 20, A878.	0.2	0
75	A CRITICAL ROLE FOR THE SHH-FGF LOOP DURING THE INITIATION OF LIMB REGENERATION. FASEB Journal, 2007, 21, A200.	0.2	0
76	DIFFERENTIAL GENE EXPRESSION BETWEEN LMX1B KO AND WILDTYPE MURINE LIMBS DEMONSTRATE POTENTIAL DOWNSTREAM TARGETS. FASEB Journal, 2007, 21, A204.	0.2	0
77	Lmx1b Modulates Extracellular Matrix Expression During Limb Dorsalization. FASEB Journal, 2009, 23, 470.4.	0.2	0
78	PROSTATIC HOX GENES: EXPRESSION DURING DEVELOPMENT AND IN TRAMP TUMOR CELLS. FASEB Journal, 2009, 23, .	0.2	0
79	COINCIDENT ACTIVATION OF THE WNT AND SHH PATHWAYS BY FGF IN THE POSTERIOR LIMB BUD. FASEB Journal, 2010, 24, 454.1.	0.2	0
80	Characterization of Gene Targets Regulated by Lmx1b during Limb Dorsalization. FASEB Journal, 2011, 25, lb22.	0.2	0
81	Identification of a regulatory region within the EMX2 locus that is active in the neural tube. FASEB Journal, 2012, 26, 909.2.	0.2	0
82	FGF-INDUCED ACTIVATION OF THE LIMB SPECIFIC SHH REGULATORY REGION (LSSRR). FASEB Journal, 2012, 26, 908.1.	0.2	0
83	UPREGULATION OF TFAP2C BY FGF DURING SHH INDUCTION IN LIMB BUDS. FASEB Journal, 2012, 26, 908.2.	0.2	0
84	Identification of a proteoglycan-associated regulatory region active during central nervous system development. FASEB Journal, 2012, 26, 909.1.	0.2	0
85	The use of human embryonic kidney (HEK 293) cells to enhance characterization of the LMX1B pathway. FASEB Journal, 2012, 26, 909.5.	0.2	0
86	LMX1B-Regulated Nephrogenesis: A Role for Proteoglycans. FASEB Journal, 2013, 27, 966.3.	0.2	0
87	Characterization of conserved noncoding regulatory regions by flow cytometric analysis (LB66). FASEB Journal, 2014, 28, LB66.	0.2	0
88	Mutation in Lmx1b Causes Skeletal and Renal Dysplasia in Mice and Nail Patella Syndrome in Humans. Pediatric Research, 1998, 43, 123-123.	1.1	0
89	Progressive digestion of limb-specific Shh regulatory region reveals critical sequences necessary for enhancer activity (541.5). FASEB Journal, 2014, 28, 541.5.	0.2	0
90	Role of EST2/ETV5 as transcription factors in the regulation of SHH by FGF (541.3). FASEB Journal, 2014, 28, 541.3.	0.2	0

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91	Identification of Potential Lmx1b-Regulated Enhancers During Limb Development. FASEB Journal, 2015, 29, 871.5.	0.2	0
92	Regulation of the NOGO-Associated Enhancer. FASEB Journal, 2015, 29, LB44.	0.2	0
93	Evidence for Lmx1b Self-Regulation During Limb Dorsalization. FASEB Journal, 2015, 29, 871.4.	0.2	0
94	The Activity of Lhx2-Associated cis Regulatory Modules. FASEB Journal, 2018, 32, .	0.2	0
95	Mechanism of Fgf-Mediated Lhx2 Upregulation. FASEB Journal, 2018, 32, lb528.	0.2	0
96	Activity of LHX2 -associated cis -Regulatory Modules During Limb Development. FASEB Journal, 2019, 33, 774.26.	0.2	0
97	Regulation of a GDF5 Associated Enhancer During Limb Development. FASEB Journal, 2019, 33, 774.33.	0.2	0
98	AER-Related FGFs Upregulate LHX2 Through MEK in the RAS-Associated Signaling Pathway During the Maintenance of ZPA-Related SHH Expression. FASEB Journal, 2020, 34, 1-1.	0.2	0
99	The Role of Sox9 in Regulating Joint Development through a Gdf5 Enhancer. FASEB Journal, 2022, 36, .	0.2	0
100	LHX2 Regulates <i>Shh</i> Expression in the Limb Independent of the ZPA Regulatory Sequence. FASEB Journal, 2022, 36, .	0.2	0
101	Regulation of LIM homeodomain 2 (Lhx2) in the distal limb bud during patterning and development. FASEB Journal, 2022, 36, .	0.2	0
102	An E-Box Binding Site is Sufficient for ZPA Regulatory Sequence (ZRS) Activity in the Limb. FASEB Journal, 2022, 36, .	0.2	0