

# Kerby C Oberg

## List of Publications by Year in descending order

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102  
papers

2,960  
citations

236612

25  
h-index

168136

53  
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106  
all docs

106  
docs citations

106  
times ranked

2653  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Sox9 in Regulating Joint Development through a Gdf5 Enhancer. FASEB Journal, 2022, 36, .	0.2	0
2	LHX2 Regulates <i>Shh</i> Expression in the Limb Independent of the ZPA Regulatory Sequence. FASEB Journal, 2022, 36, .	0.2	0
3	Regulation of LIM homeodomain 2 (Lhx2) in the distal limb bud during patterning and development. FASEB Journal, 2022, 36, .	0.2	0
4	An E-box Binding Site is Sufficient for ZPA Regulatory Sequence (ZRS) Activity in the Limb. FASEB Journal, 2022, 36, .	0.2	0
5	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
6	The SOX11 Transcription Factor Upregulates Growth Differentiation Factor 5 During Joint Formation Through a Downstream Enhancer Element. FASEB Journal, 2021, 35, .	0.2	0
7	The ZPA Regulatory Sequence (ZRS) Hand2 and Twist1 Binding Sites are Not Necessary for ZRS Activity. FASEB Journal, 2021, 35, .	0.2	0
8	Identification of limb-specific Lmx1b auto-regulatory modules with Nail-patella syndrome pathogenicity. Nature Communications, 2021, 12, 5533.	5.8	13
9	Dynamics and competition of CRISPR-Cas9 ribonucleoproteins and AAV donor-mediated NHEJ, MMEJ and HDR editing. Nucleic Acids Research, 2021, 49, 969-985.	6.5	90
10	Epithelial/mesenchymal heterogeneity of high-grade serous ovarian carcinoma samples correlates with miRNA let-7 levels and predicts tumor growth and metastasis. Molecular Oncology, 2020, 14, 2796-2813.	2.1	21
11	The 2020 Oberg-Manske-Tonkin classification of congenital upper limb differences: updates and challenges. Journal of Hand Surgery: European Volume, 2020, 45, 1117-1119.	0.5	3
12	CORR Insights: 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
13	The Oberg-Manske-Tonkin (OMT) Classification of Congenital Upper Extremities: Update for 2020. Journal of Hand Surgery, 2020, 45, 542-547.	0.7	44
14	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
15	A standardized autopsy protocol for arthrogyryposis (multiple congenital contractures). American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 474-478.	0.7	5
16	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
17	<i>Let-7</i> as biomarker, prognostic indicator, and therapy for precision medicine in cancer. Clinical and Translational Medicine, 2019, 8, 24.	1.7	172
18	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

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19	A multidisciplinary review of triphalangeal thumb. Journal of Hand Surgery: European Volume, 2019, 44, 59-68.	0.5	15
20	Distal Dorsal Dimelia: A Disturbance of Dorsal-Ventral Digit Development. Journal of Hand Surgery, 2019, 44, 421.e1-421.e8.	0.7	1
21	Classification of congenital upper limb anomalies: towards improved communication, diagnosis, and discovery. Journal of Hand Surgery: European Volume, 2019, 44, 4-14.	0.5	9
22	Activity of LHX2 associated cis Regulatory Modules During Limb Development. FASEB Journal, 2019, 33, 774.26.	0.2	0
23	Regulation of a GDF5 Associated Enhancer During Limb Development. FASEB Journal, 2019, 33, 774.33.	0.2	0
24	A Guide to Competencies, Educational Goals, and Learning Objectives for Teaching Human Embryology in an Undergraduate Medical Education Setting. Medical Science Educator, 2018, 28, 417-428.	0.7	7
25	LHX2 Mediates the FGF-to-SHH Regulatory Loop during Limb Development. Journal of Developmental Biology, 2018, 6, 13.	0.9	12
26	The Activity of LHX2 Associated cis Regulatory Modules. FASEB Journal, 2018, 32, .	0.2	0
27	Mechanism of Fgf Mediated Lhx2 Upregulation. FASEB Journal, 2018, 32, lb528.	0.2	0
28	Lmx1b-targeted cis-regulatory modules involved in limb dorsalization. Development (Cambridge), 2017, 144, 2009-2020.	1.2	19
29	Acute Postviral Encephalopathy. Child Neurology Open, 2016, 3, 2329048X1665884.	0.5	7
30	The OMT Classification of Congenital Anomalies of the Hand and Upper Limb. Hand Surgery, 2015, 20, 336-342.	0.6	35
31	Embryology and Classification of Congenital Upper Limb Anomalies. , 2015, , 3-25.		1
32	Identification of Potential Lmx1b Regulated Enhancers During Limb Development. FASEB Journal, 2015, 29, 871.5.	0.2	0
33	Regulation of the NOGO Associated Enhancer. FASEB Journal, 2015, 29, LB44.	0.2	0
34	Evidence for Lmx1b Self-Regulation During Limb Dorsalization. FASEB Journal, 2015, 29, 871.4.	0.2	0
35	Sp6 and Sp8 Transcription Factors Control AER Formation and Dorsal-Ventral Patterning in Limb Development. PLoS Genetics, 2014, 10, e1004468.	1.5	44
36	Review of the Molecular Development of the Thumb: Digit Primera. Clinical Orthopaedics and Related Research, 2014, 472, 1101-1105.	0.7	26

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37	Characterization of conserved noncoding regulatory regions by flow cytometric analysis (LB66). FASEB Journal, 2014, 28, LB66.	0.2	0
38	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
39	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
40	Classification of Congenital Anomalies of the Hand and Upper Limb: Development and Assessment of a New System. Journal of Hand Surgery, 2013, 38, 1845-1853.	0.7	90
41	LMX1-Regulated Nephrogenesis: A Role for Proteoglycans. FASEB Journal, 2013, 27, 966.3.	0.2	0
42	Detection of genes regulated by Lmx1b during limb dorsalization. Development Growth and Differentiation, 2012, 54, 451-462.	0.6	19
43	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
44	FGF-INDUCED ACTIVATION OF THE LIMB SPECIFIC SHH REGULATORY REGION (LSSRR). FASEB Journal, 2012, 26, 908.1.	0.2	0
45	UP-REGULATION OF TFAP2C BY FGF DURING SHH INDUCTION IN LIMB BUDS. FASEB Journal, 2012, 26, 908.2.	0.2	0
46	Identification of a proteoglycan-associated regulatory region active during central nervous system development. FASEB Journal, 2012, 26, 909.1.	0.2	0
47	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
48	The Use of Seprafilm as a Biological Barrier in Flap Delay. Plastic and Reconstructive Surgery, 2011, 128, 89-90.	0.7	1
49	Re: MM Al-Qattan. Wnt pathways and upper limb anomalies. J Hand Surg Eur. 2011, 36: 922.. Journal of Hand Surgery: European Volume, 2011, 36, 434-434.	0.5	0
50	Characterization of Gene Targets Regulated by Lmx1b during Limb Dorsalization. FASEB Journal, 2011, 25, lb22.	0.2	0
51	Developmental Biology and Classification of Congenital Anomalies of the Hand and Upper Extremity. Journal of Hand Surgery, 2010, 35, 2066-2076.	0.7	167
52	COINCIDENT ACTIVATION OF THE WNT AND SHH PATHWAYS BY FGF IN THE POSTERIOR LIMB BUD. FASEB Journal, 2010, 24, 454.1.	0.2	0
53	Combined Congenital Radial and Ulnar Longitudinal Deficiencies: Report of 2 Cases. Journal of Hand Surgery, 2009, 34, 1298-1302.	0.7	4
54	Classification and Developmental Biology of Congenital Anomalies of the Hand and Upper Extremity. Journal of Bone and Joint Surgery - Series A, 2009, 91, 3-18.	1.4	130

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55	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
56	Lmx1b Modulates Extracellular Matrix Expression During Limb Dorsalization. <i>FASEB Journal</i> , 2009, 23, 470.4.	0.2	0
57	PROSTATIC HOX GENES: EXPRESSION DURING DEVELOPMENT AND IN TRAMP TUMOR CELLS. <i>FASEB Journal</i> , 2009, 23, .	0.2	0
58	Gene Expression Patterns in the Hypoxic Murine Placenta: A Role in Epigenesis?. <i>Reproductive Sciences</i> , 2007, 14, 223-233.	1.1	45
59	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
60	The effectiveness and safety of topical PhotoActiv phosphatidylcholine-based anti-cellulite gel and LED (red and near-infrared) light on Grade II thigh cellulite: A randomized, double-blind study. <i>Journal of Cosmetic and Laser Therapy</i> , 2007, 9, 87-96.	0.3	43
61	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
62	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
63	A CRITICAL ROLE FOR THE SHH-FGF LOOP DURING THE INITIATION OF LIMB REGENERATION. <i>FASEB Journal</i> , 2007, 21, A200.	0.2	0
64	DIFFERENTIAL GENE EXPRESSION BETWEEN LMX1B KO AND WILDTYPE MURINE LIMBS DEMONSTRATE POTENTIAL DOWNSTREAM TARGETS. <i>FASEB Journal</i> , 2007, 21, A204.	0.2	0
65	Ectopic Anterior Expression of SHH Rescues Tripartite Limb Outgrowth Following Chick Limb Bud Amputation. <i>FASEB Journal</i> , 2006, 20, A884.	0.2	0
66	Alignment of HOXC5, C6 and C8 Genes on Chicken Chromosome 1: Dispersion of a Vertebrate HOX Cluster?. <i>FASEB Journal</i> , 2006, 20, A877.	0.2	0
67	Emx2 Regulation by Lmx1b. <i>FASEB Journal</i> , 2006, 20, A877.	0.2	0
68	Involvement of NOGO in Chick CNS Induction. <i>FASEB Journal</i> , 2006, 20, A878.	0.2	0
69	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
70	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
71	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
72	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

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73	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
74	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
75	A Unique Combination of Infrared and Microwave Radiation Accelerates Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 258-266.	0.7	12
76	A Unique Combination of Infrared and Microwave Radiation Accelerates Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 258-266.	0.7	20
77	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
78	Efficient ectopic gene expression targeting chick mesoderm. <i>Developmental Dynamics</i> , 2002, 224, 291-302.	0.8	25
79	<i>In Vivo</i> Remodeling of Surgically Constructed Vascular Anastomoses. <i>Annals of the New York Academy of Sciences</i> , 2002, 961, 284-287.	1.8	2
80	Necrotizing fasciitis: a fourteen-year retrospective study of 163 consecutive patients. <i>American Surgeon</i> , 2002, 68, 109-16.	0.4	220
81	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
82	Enhanced Therapeutic Effect of HSV- $\delta$ -GCV Gene Therapy and Ionizing Radiation for Prostate Cancer. <i>Molecular Therapy</i> , 2001, 3, 536-542.	3.7	77
83	LMX1B transactivation and expression in nail-patella syndrome. <i>Human Molecular Genetics</i> , 2000, 9, 1067-1074.	1.4	93
84	Endoscopic intrauterine surgery in primates. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999, 13, 420-426.	1.3	21
85	Renal Tubular Dysgenesis in Twin-Twin Transfusion Syndrome. <i>Pediatric and Developmental Pathology</i> , 1999, 2, 25-32.	0.5	41
86	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
87	Prenatal ultrasonographic description and postnatal pathological findings in atelosteogenesis type 1. , 1998, 79, 392-395.		19
88	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
89	Mutation in Lmx1b Causes Skeletal and Renal Dysplasia in Mice and Nail Patella Syndrome in Humans — 710. <i>Pediatric Research</i> , 1998, 43, 123-123.	1.1	0
90	Histopathologic Evaluation of the Canine Prostate Following Electrovaporization. <i>Journal of Urology</i> , 1997, 157, 1144-1148.	0.2	10

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91	SILICONE BREAKDOWN AND CAPSULAR SYNOVIAL METAPLASIA IN TEXTURED-WALL SALINE BREAST IMPLANTS. <i>Plastic and Reconstructive Surgery</i> , 1996, 97, 249.	0.7	1
92	Autoradiographic Analysis of Expanded Skeletal Muscle in Rats. <i>Plastic and Reconstructive Surgery</i> , 1996, 97, 1411-1415.	0.7	3
93	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
94	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
95	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
96	Pseudoepithelialization of Breast Implant Capsules. <i>International Journal of Surgical Pathology</i> , 1994, 1, 151-154.	0.4	9
97	Nonpenetrating, arcuate-legged clip reconstruction of the rat uterine horn. <i>Journal of Minimally Invasive Gynecology</i> , 1994, 1, 395-400.	1.4	6
98	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
99	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
100	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
101	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
102	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