

# Kerby C Oberg

## List of Publications by Citations

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92  
papers

2,383  
citations

23  
h-index

48  
g-index

106  
ext. papers

2,670  
ext. citations

3.3  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
92	Limb and kidney defects in Lmx1b mutant mice suggest an involvement of LMX1B in human nail patella syndrome. <i>Nature Genetics</i> , <b>1998</b> , 19, 51-5	36.3	441
91	Necrotizing fasciitis: a fourteen-year retrospective study of 163 consecutive patients. <i>American Surgeon</i> , <b>2002</b> , 68, 109-16	0.8	203
90	Regulation of glomerular basement membrane collagen expression by LMX1B contributes to renal disease in nail patella syndrome. <i>Nature Genetics</i> , <b>2001</b> , 27, 205-8	36.3	172
89	Developmental biology and classification of congenital anomalies of the hand and upper extremity. <i>Journal of Hand Surgery</i> , <b>2010</b> , 35, 2066-76	2.6	129
88	Classification and developmental biology of congenital anomalies of the hand and upper extremity. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2009</b> , 91 Suppl 4, 3-18	5.6	115
87	Let-7 as biomarker, prognostic indicator, and therapy for precision medicine in cancer. <i>Clinical and Translational Medicine</i> , <b>2019</b> , 8, 24	5.7	101
86	The effect of AlloDerm envelopes on periprosthetic capsule formation with and without radiation. <i>Plastic and Reconstructive Surgery</i> , <b>2009</b> , 123, 807-816	2.7	100
85	Aesthetic outcomes in patients undergoing breast conservation therapy for the treatment of localized breast cancer. <i>Plastic and Reconstructive Surgery</i> , <b>2004</b> , 114, 1442-9	2.7	98
84	Rate constants for binding, dissociation, and internalization of EGF: effect of receptor occupancy and ligand concentration. <i>Biochemistry</i> , <b>1990</b> , 29, 3563-9	3.2	87
83	LMX1B transactivation and expression in nail-patella syndrome. <i>Human Molecular Genetics</i> , <b>2000</b> , 9, 1067-74	5.6	82
82	Enhanced therapeutic effect of HSV-tk+GCV gene therapy and ionizing radiation for prostate cancer. <i>Molecular Therapy</i> , <b>2001</b> , 3, 536-42	11.7	70
81	Classification of congenital anomalies of the hand and upper limb: development and assessment of a new system. <i>Journal of Hand Surgery</i> , <b>2013</b> , 38, 1845-53	2.6	69
80	Iron, copper, and iron regulatory protein 2 in Alzheimer's disease and related dementias. <i>Neuroscience Letters</i> , <b>2007</b> , 418, 72-6	3.3	64
79	Gene expression patterns in the hypoxic murine placenta: a role in epigenesis?. <i>Reproductive Sciences</i> , <b>2007</b> , 14, 223-33	3	44
78	Sp6 and Sp8 transcription factors control AER formation and dorsal-ventral patterning in limb development. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004468	6	36
77	Renal tubular dysgenesis in twin-twin transfusion syndrome. <i>Pediatric and Developmental Pathology</i> , <b>1999</b> , 2, 25-32	2.2	36
76	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-blinded study. <i>Journal of Cosmetic and Laser Therapy</i> , <b>2007</b> , 9, 87-96	1.8	33

75	Visualization of molecular and cellular events with green fluorescent proteins in developing embryos: a review. <i>Luminescence</i> , <b>2003</b> , 18, 1-18	2.5	26
74	Accumulation of epidermal growth factor receptors in retinoic acid-treated fetal rat lung cells is due to enhanced receptor synthesis. <i>Molecular Endocrinology</i> , <b>1988</b> , 2, 959-65		26
73	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> , <b>2007</b> , 49, 533-41	3	24
72	Dexamethasone acts as a negative regulator of epidermal growth factor receptor synthesis in fetal rat lung cells. <i>Molecular Endocrinology</i> , <b>1989</b> , 3, 915-22		24
71	Lmx1b expression during joint and tendon formation: localization and evaluation of potential downstream targets. <i>Gene Expression Patterns</i> , <b>2004</b> , 4, 397-405	1.5	23
70	Efficient ectopic gene expression targeting chick mesoderm. <i>Developmental Dynamics</i> , <b>2002</b> , 224, 291-302		23
69	The OMT Classification of Congenital Anomalies of the Hand and Upper Limb. <i>Hand Surgery</i> , <b>2015</b> , 20, 336-42		19
68	Review of the molecular development of the thumb: digit primera. <i>Clinical Orthopaedics and Related Research</i> , <b>2014</b> , 472, 1101-5	2.2	19
67	Dynamics and competition of CRISPR-Cas9 ribonucleoproteins and AAV donor-mediated NHEJ, MMEJ and HDR editing. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 969-985	20.1	19
66	Endoscopic intrauterine surgery in primates: overcoming technical obstacles. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>1999</b> , 13, 420-6	5.2	18
65	Dexamethasone and retinoic acid regulate the expression of epidermal growth factor receptor mRNA by distinct mechanisms. <i>Journal of Cellular Physiology</i> , <b>1991</b> , 149, 244-51	7	17
64	The Oberg-Manske-Tonkin (OMT) Classification of Congenital Upper Extremities: Update for 2020. <i>Journal of Hand Surgery</i> , <b>2020</b> , 45, 542-547	2.6	16
63	ACTH-secreting islet cell tumor of the pancreas presenting as bilateral ovarian tumors and Cushing's syndrome. <i>International Journal of Gynecological Pathology</i> , <b>2002</b> , 21, 276-80	3.2	15
62	Intrauterine repair of cleft lip-like defects in lambs with a novel microclip. <i>Journal of Craniofacial Surgery</i> , <b>1995</b> , 6, 126-31	1.2	15
61	Detection of genes regulated by Lmx1b during limb dorsalization. <i>Development Growth and Differentiation</i> , <b>2012</b> , 54, 451-62	3	14
60	Endoscopic excision and repair of simulated bilateral cleft lips in fetal lambs. <i>Plastic and Reconstructive Surgery</i> , <b>1998</b> , 102, 1-9	2.7	14
59	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> , <b>1995</b> , 32, 129-37	1.9	14
58	Prenatal ultrasonographic description and postnatal pathological findings in atelosteogenesis type 1 <b>1998</b> , 79, 392-395		12

57	A unique combination of infrared and microwave radiation accelerates wound healing. <i>Plastic and Reconstructive Surgery</i> , <b>2003</b> , 111, 258-66	2.7	12
56	A Unique Combination of Infrared and Microwave Radiation Accelerates Wound Healing. <i>Plastic and Reconstructive Surgery</i> , <b>2003</b> , 111, 258-266	2.7	11
55	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> , <b>1995</b> , 32, 129-137	1.9	11
54	EGF-induced PGE2 release is synergistically enhanced in retinoic acid treated fetal rat lung cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 162, 1515-21	3.4	11
53	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> , <b>2020</b> , 14, 2796-2813	7.9	11
52	Lmx1b-targeted -regulatory modules involved in limb dorsalization. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 2009-2020	6.6	10
51	Histopathologic Evaluation of the Canine Prostate Following Electro vaporization. <i>Journal of Urology</i> , <b>1997</b> , 157, 1144-1148	2.5	8
50	NOGO-A induction and localization during chick brain development indicate a role disparate from neurite outgrowth inhibition. <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 32	3.1	8
49	Pseudoepithelialization of Breast Implant Capsules. <i>International Journal of Surgical Pathology</i> , <b>1994</b> , 1, 151-154	1.2	8
48	A multidisciplinary review of triphalangeal thumb. <i>Journal of Hand Surgery: European Volume</i> , <b>2019</b> , 44, 59-68	1.4	8
47	LHX2 Mediates the FGF-to-SHH Regulatory Loop during Limb Development. <i>Journal of Developmental Biology</i> , <b>2018</b> , 6,	3.5	8
46	Acute Postviral Encephalopathy: Pathologic and Radiologic Correlation in an Atypical Case. <i>Child Neurology Open</i> , <b>2016</b> , 3, 2329048X16658845	1.3	6
45	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> , <b>2004</b> , 11, 449-56		6
44	Bidirectional lift of the anterior midcheek with Gore-Tex cable sutures. <i>Aesthetic Surgery Journal</i> , <b>2003</b> , 23, 248-56	2.4	6
43	Nonpenetrating, arcuate-legged clip reconstruction of the rat uterine horn. <i>Journal of Minimally Invasive Gynecology</i> , <b>1994</b> , 1, 395-400		5
42	Classification of congenital upper limb anomalies: towards improved communication, diagnosis, and discovery. <i>Journal of Hand Surgery: European Volume</i> , <b>2019</b> , 44, 4-14	1.4	5
41	A Guide to Competencies, Educational Goals, and Learning Objectives for Teaching Human Embryology in an Undergraduate Medical Education Setting. <i>Medical Science Educator</i> , <b>2018</b> , 28, 417-428	0.7	4
40	Combined congenital radial and ulnar longitudinal deficiencies: report of 2 cases. <i>Journal of Hand Surgery</i> , <b>2009</b> , 34, 1298-302	2.6	4

39	Cloning and functional study of porcine parotid hormone, a novel proline-rich protein. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22233-44	5.4	4
38	A standardized autopsy protocol for arthrogyrosis (multiple congenital contractures). <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , <b>2019</b> , 181, 474-478	3.1	3
37	A unique variant of a right persistent hypoglossal artery arising from the common carotid artery with complex cardiovascular anomalies in a female neonatal patient. <i>Journal of Radiology Case Reports</i> , <b>2019</b> , 13, 28-35	1.1	3
36	Evaluation of a Chitosan Hemostat in a Porcine Laparoscopic Partial Nephrectomy Model: A Pilot Study. <i>Journal of Endourology</i> , <b>2019</b> , 33, 887-894	2.7	2
35	In vivo remodeling of surgically constructed vascular anastomoses: nonpenetrating, arcuate-legged clips versus standard suture. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 961, 284-7	6.5	2
34	Autoradiographic analysis of expanded skeletal muscle in rats. <i>Plastic and Reconstructive Surgery</i> , <b>1996</b> , 97, 1411-5	2.7	2
33	CORR Insights : Is EDTA Irrigation Effective in Reducing Bacterial Infection in a Rat Model of Contaminated Intra-articular Implants?. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 1122-1124	2.2	1
32	Silicone breakdown and capsular synovial metaplasia in textured-wall saline breast implants. <i>Plastic and Reconstructive Surgery</i> , <b>1996</b> , 97, 249	2.7	1
31	Embryology and Classification of Congenital Upper Limb Anomalies <b>2015</b> , 3-25		1
30	The 2020 Oberg-Manske-Tonkin classification of congenital upper limb differences: updates and challenges. <i>Journal of Hand Surgery: European Volume</i> , <b>2020</b> , 45, 1117-1119	1.4	1
29	Distal Dorsal Dimelia: A Disturbance of Dorsal-Ventral Digit Development. <i>Journal of Hand Surgery</i> , <b>2019</b> , 44, 421.e1-421.e8	2.6	1
28	Identification of limb-specific Lmx1b auto-regulatory modules with Nail-patella syndrome pathogenicity. <i>Nature Communications</i> , <b>2021</b> , 12, 5533	17.4	1
27	Re: MM Al-Qattan. Wnt pathways and upper limb anomalies. <i>J Hand Surg Eur</i> . 2011, 36: 9-22. <i>Journal of Hand Surgery: European Volume</i> , <b>2011</b> , 36, 434; author reply 434	1.4	
26	Ectopic Anterior Expression of SHH Rescues Tripartite Limb Outgrowth Following Chick Limb Bud Amputation. <i>FASEB Journal</i> , <b>2006</b> , 20, A884	0.9	
25	Alignment of HOXC5, C6 and C8 Genes on Chicken Chromosome 1: Dispersion of a Vertebrate HOX Cluster?. <i>FASEB Journal</i> , <b>2006</b> , 20, A877	0.9	
24	Emx2 Regulation by Lmx1b. <i>FASEB Journal</i> , <b>2006</b> , 20, A877	0.9	
23	Involvement of NOGO-A in Chick CNS Induction. <i>FASEB Journal</i> , <b>2006</b> , 20, A878	0.9	
22	A CRITICAL ROLE FOR THE SHH-FGF LOOP DURING THE INITIATION OF LIMB REGENERATION. <i>FASEB Journal</i> , <b>2007</b> , 21, A200	0.9	

21	DIFFERENTIAL GENE EXPRESSION BETWEEN LMX1B KO AND WILDTYPE MURINE LIMBS DEMONSTRATE POTENTIAL DOWNSTREAM TARGETS. <i>FASEB Journal</i> , <b>2007</b> , 21, A204	0.9
20	Mechanism of Fgf-Mediated Lhx2 Upregulation. <i>FASEB Journal</i> , <b>2018</b> , 32, lb528	0.9
19	Activity of LHX2-associated cis-Regulatory Modules During Limb Development. <i>FASEB Journal</i> , <b>2019</b> , 33, 774.26	0.9
18	Regulation of a GDF5 Associated Enhancer During Limb Development. <i>FASEB Journal</i> , <b>2019</b> , 33, 774.33	0.9
17	AER-Related FGFs Upregulate LHX2 Through MEK in the RAS-Associated Signaling Pathway During the Maintenance of ZPA-Related SHH Expression. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9
16	Progressive digestion of limb-specific Shh regulatory region reveals critical sequences necessary for enhancer activity (541.5). <i>FASEB Journal</i> , <b>2014</b> , 28, 541.5	0.9
15	Role of EST2/ETV5 as transcription factors in the regulation of SHH by FGF (541.3). <i>FASEB Journal</i> , <b>2014</b> , 28, 541.3	0.9
14	Identification of Potential Lmx1b-Regulated Enhancers During Limb Development. <i>FASEB Journal</i> , <b>2015</b> , 29, 871.5	0.9
13	Regulation of the NOGO-Associated Enhancer. <i>FASEB Journal</i> , <b>2015</b> , 29, LB44	0.9
12	Evidence for Lmx1b Self-Regulation During Limb Dorsalization. <i>FASEB Journal</i> , <b>2015</b> , 29, 871.4	0.9
11	Lmx1b Modulates Extracellular Matrix Expression During Limb Dorsalization. <i>FASEB Journal</i> , <b>2009</b> , 23, 470.4	0.9
10	COINCIDENT ACTIVATION OF THE WNT AND SHH PATHWAYS BY FGF IN THE POSTERIOR LIMB BUD. <i>FASEB Journal</i> , <b>2010</b> , 24, 454.1	0.9
9	Characterization of Gene Targets Regulated by Lmx1b during Limb Dorsalization. <i>FASEB Journal</i> , <b>2011</b> , 25, lb22	0.9
8	Identification of a regulatory region within the EMX2 locus that is active in the neural tube. <i>FASEB Journal</i> , <b>2012</b> , 26, 909.2	0.9
7	FGF-INDUCED ACTIVATION OF THE LIMB SPECIFIC SHH REGULATORY REGION (LSSRR). <i>FASEB Journal</i> , <b>2012</b> , 26, 908.1	0.9
6	UP-REGULATION OF TFAP2C BY FGF DURING SHH INDUCTION IN LIMB BUDS. <i>FASEB Journal</i> , <b>2012</b> , 26, 908.2	0.9
5	Identification of a proteoglycan-associated regulatory region active during central nervous system development. <i>FASEB Journal</i> , <b>2012</b> , 26, 909.1	0.9
4	The use of human embryonic kidney (HEK 293) cells to enhance characterization of the LMX1B pathway. <i>FASEB Journal</i> , <b>2012</b> , 26, 909.5	0.9

- 3 LMX1B-Regulated Nephrogenesis: A Role for Proteoglycans. *FASEB Journal*, **2013**, 27, 966.3 0.9
- 2 Characterization of conserved noncoding regulatory regions by flow cytometric analysis (LB66). *FASEB Journal*, **2014**, 28, LB66 0.9
- 1 Embryology and Classification of Congenital Upper Limb Anomalies **2021**, 3-35