Jeffrey H Miner

List of Publications by Year
in descending order

223 papers	19,161 citations	13099 68 h-index	13379 130 g-index
231 all docs	231 docs citations	231 times ranked	16422 citing authors

#	Article	IF	Citations
1	Extracellular Matrix: Basement Membranes. , 2022, , 130-136.		1
2	Three-Dimensional Visualization of the Podocyte Actin Network Using Integrated Membrane Extraction, Electron Microscopy, and Machine Learning. Journal of the American Society of Nephrology: JASN, 2022, 33, 155-173.	6.1	11
3	NanoLuc reporters identify COL4A5 nonsense mutations susceptible to drug-induced stop codon readthrough. IScience, 2022, 25, 103891.	4.1	6
4	The 2019 and 2021 International Workshops on Alport Syndrome. European Journal of Human Genetics, 2022, 30, 507-516.	2.8	12
5	Comparative analysis of dCas9-VP64 variants and multiplexed guide RNAs mediating CRISPR activation. PLoS ONE, 2022, 17, e0270008.	2.5	4
6	Knockout of aminopeptidase A in mice causes functional alterations and morphological glomerular basement membrane changes in the kidneys. Kidney International, 2021, 99, 900-913.	5.2	2
7	Discoidin domain receptor 1 activation links extracellular matrix to podocyte lipotoxicity in Alport syndrome. EBioMedicine, 2021, 63, 103162.	6.1	27
8	Comprehensive Mouse Skin Ceramide Analysis on a Solid-Phase and TLC Separation with High-Resolution Mass Spectrometry Platform. Methods in Molecular Biology, 2021, 2306, 139-155.	0.9	0
9	Metformin ameliorates the severity of experimental Alport syndrome. Scientific Reports, 2021, 11, 7053.	3.3	18
10	Laminin Î²2 variants associated with isolated nephropathy that impact matrix regulation. JCI Insight, 2021, 6, .	5.0	2
11	EPB41L5 controls podocyte extracellular matrix assembly by adhesome-dependent force transmission. Cell Reports, 2021, 34, 108883.	6.4	19
12	Mapping the molecular and structural specialization of the skin basement membrane for inter-tissue interactions. Nature Communications, 2021, 12, 2577.	12.8	31
13	Identification of an Altered Matrix Signature in Kidney Aging and Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 1713-1732.	6.1	45
14	Synaptopodin deficiency exacerbates kidney disease in a mouse model of Alport syndrome. American Journal of Physiology - Renal Physiology, 2021, 321, F12-F25.	2.7	17
15	Clear Evidence of LAMA5 Gene Biallelic Truncating Variants Causing Infantile Nephrotic Syndrome. Kidney360, 2021, 2, 1968-1978.	2.1	8
16	The importance of clinician, patient and researcher collaborations in Alport syndrome. Pediatric Nephrology, 2020, 35, 733-742.	1.7	15
17	Type IV collagen and diabetic kidney disease. Nature Reviews Nephrology, 2020, 16, 3-4.	9.6	14
18	Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. FASEB Journal, 2020, 34, 2087-2104.	0.5	19

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19	Mutations in LAMB2 Are Associated With Albuminuria and Optic Nerve Hypoplasia With Hypopituitarism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 595-599.	3.6	7
20	Synaptopodin Is Dispensable for Normal Podocyte Homeostasis but Is Protective in the Context of Acute Podocyte Injury. Journal of the American Society of Nephrology: JASN, 2020, 31, 2815-2832.	6.1	33
21	Peroxidasin-mediated bromine enrichment of basement membranes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15827-15836.	7.1	21
22	Basement membrane ligands initiate distinct signalling networks to direct cell shape. Matrix Biology, 2020, 90, 61-78.	3.6	38
23	Mammalian hemicentin 1 is assembled into tracks in the extracellular matrix of multiple tissues. Developmental Dynamics, 2020, 249, 775-788.	1.8	12
24	A deletion in the N-terminal polymerizing domain of laminin Î²2 is a new mouse model of chronic nephrotic syndrome. Kidney International, 2020, 98, 133-146.	5.2	10
25	Clinical trial recommendations for potential Alport syndrome therapies. Kidney International, 2020, 97, 1109-1116.	5.2	7
26	A mutation affecting laminin alpha 5 polymerisation gives rise to a syndromic developmental disorder. Development (Cambridge), 2020, 147, .	2.5	28
27	Parietal epithelial cell differentiation to a podocyte fate in the aged mouse kidney. Aging, 2020, 12, 17601-17624.	3.1	25
28	Differential expression of parietal epithelial cell and podocyte extracellular matrix proteins in focal segmental glomerulosclerosis and diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2019, 317, F1680-F1694.	2.7	26
29	Fatty acid transport protein 4 is required for incorporation of saturated ultralong-chain fatty acids into epidermal ceramides and monoacylglycerols. Scientific Reports, 2019, 9, 13254.	3.3	17
30	Alport Syndrome Therapeutics: Ready for Prime-Time Players. Trends in Pharmacological Sciences, 2019, 40, 803-806.	8.7	16
31	Loss of Endothelial Laminin Î±5 Exacerbates Hemorrhagic Brain Injury. Translational Stroke Research, 2019, 10, 705-718.	4.2	35
32	Dual lineage tracing shows that glomerular parietal epithelial cells can transdifferentiate toward theÂadult podocyte fate. Kidney International, 2019, 96, 597-611.	5.2	42
33	Mural cell-derived laminin-Î±5 plays a detrimental role in ischemic stroke. Acta Neuropathologica Communications, 2019, 7, 23.	5.2	21
34	Mutations in Recessive Congenital Ichthyoses Illuminate the Origin and Functions of the CorneocyteÂLipid Envelope. Journal of Investigative Dermatology, 2019, 139, 760-768.	0.7	41
35	Endothelial cell-specific collagen type IV-Î±₃expression does not rescue Alport syndrome inCol4a3^{â^'}^{/â^'}mice. American Journal of Physiology - Renal Physiology, 2019, 316, F830-F837.	2.7	11
36	Laminin-521 Protein Therapy for Glomerular Basement Membrane and Podocyte Abnormalities in a Model of Pierson Syndrome. Journal of the American Society of Nephrology: JASN, 2018, 29, 1426-1436.	6.1	30

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37	Alport syndrome and Pierson syndrome: Diseases of the glomerular basement membrane. Matrix Biology, 2018, 71-72, 250-261.	3.6	82
38	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. Cell Reports, 2018, 23, 270-281.e3.	6.4	177
39	Pathogenicity of a Human Laminin Î²2 Mutation Revealed in Models of Alport Syndrome. Journal of the American Society of Nephrology: JASN, 2018, 29, 949-960.	6.1	27
40	Detection of renin lineage cell transdifferentiation to podocytes in the kidney glomerulus with dual lineage tracing. Kidney International, 2018, 93, 1240-1246.	5.2	30
41	Opposing Roles of Dendritic Cell Subsets in Experimental GN. Journal of the American Society of Nephrology: JASN, 2018, 29, 138-154.	6.1	65
42	Discs large 1 controls daughter-cell polarity after cytokinesis in vertebrate morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10859-E10868.	7.1	14
43	Alternative Pathway Is Essential for Glomerular Complement Activation and Proteinuria in a Mouse Model of Membranous Nephropathy. Frontiers in Immunology, 2018, 9, 1433.	4.8	47
44	What Is the Glomerular Ultrafiltration Barrier?. Journal of the American Society of Nephrology: JASN, 2018, 29, 2262-2264.	6.1	59
45	Homozygous KSR1 deletion attenuates morbidity but does not prevent tumor development in a mouse model of RAS-driven pancreatic cancer. PLoS ONE, 2018, 13, e0194998.	2.5	4
46	Advances and unmet needs in genetic, basic and clinical science in Alport syndrome: report from the 2015 International Workshop on Alport Syndrome. Nephrology Dialysis Transplantation, 2017, 32, gfw095.	0.7	40
47	Transgenic expression of human APOL1 risk variants in podocytes induces kidney disease in mice. Nature Medicine, 2017, 23, 429-438.	30.7	282
48	Linear ion-trap MSn with high-resolution MS reveals structural diversity of 1-O-acylceramide family in mouse epidermis. Journal of Lipid Research, 2017, 58, 772-782.	4.2	11
49	Permeation of macromolecules into the renal glomerular basement membrane and capture by the tubules. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2958-2963.	7.1	92
50	Podocytes regulate the glomerular basement membrane protein nephronectin by means ofÂmiR-378a-3p in glomerular diseases. Kidney International, 2017, 92, 836-849.	5.2	55
51	Functional assessment of a novel COL4A5 splice region variant and immunostaining of plucked hair follicles as an alternative method of diagnosis in X-linked Alport syndrome. Pediatric Nephrology, 2017, 32, 997-1003.	1.7	22
52	CNS Neurons Deposit Laminin Î±5 to Stabilize Synapses. Cell Reports, 2017, 21, 1281-1292.	6.4	45
53	Glomerular mesangial cell recruitment and function require the co-receptor neuropilin-1. American Journal of Physiology - Renal Physiology, 2017, 313, F1232-F1242.	2.7	16
54	Ultrastructural Characterization of the Glomerulopathy in Alport Mice by Helium Ion Scanning Microscopy (HIM). Scientific Reports, 2017, 7, 11696.	3.3	13

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55	Re-characterization of the Glomerulopathy in CD2AP Deficient Mice by High-Resolution Helium Ion Scanning Microscopy. Scientific Reports, 2017, 7, 8321.	3.3	18
56	Super-resolution Imaging of the Kidney Glomerulus in Health and Disease Conditions. Microscopy and Microanalysis, 2017, 23, 1318-1319.	0.4	0
57	B cellâ€“derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. JCI Insight, 2017, 2, .	5.0	48
58	Injury-induced actin cytoskeleton reorganization in podocytes revealed by super-resolution microscopy. JCI Insight, 2017, 2, .	5.0	65
59	Muscular dystrophy meets protein biochemistry, the mother of invention. Journal of Clinical Investigation, 2017, 127, 798-800.	8.2	2
60	Requirement for basement membrane laminin Î±5 during urethral and external genital development. Mechanisms of Development, 2016, 141, 62-69.	1.7	7
61	Intravital and Kidney Slice Imaging of Podocyte Membrane Dynamics. Journal of the American Society of Nephrology: JASN, 2016, 27, 3285-3290.	6.1	50
62	Preface. Current Topics in Membranes, 2016, 77, xi-xiii.	0.9	0
63	Three-dimensional electron microscopy reveals the evolution of glomerular barrier injury. Scientific Reports, 2016, 6, 35068.	3.3	51
64	Albumin contributes to kidney disease progression in Alport syndrome. American Journal of Physiology - Renal Physiology, 2016, 311, F120-F130.	2.7	35
65	Mesencephalic Astrocyteâ€“Derived Neurotrophic Factor as a Urine Biomarker for Endoplasmic Reticulum Stressâ€–Related Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2016, 27, 2974-2982.	6.1	49
66	New insights into the mechanisms of podocyte health. Nature Reviews Nephrology, 2016, 12, 63-64.	9.6	9
67	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. JCI Insight, 2016, 1, .	5.0	69
68	A role for genetic susceptibility in sporadic focal segmental glomerulosclerosis. Journal of Clinical Investigation, 2016, 126, 1067-1078.	8.2	41
69	Preface. Current Topics in Membranes, 2015, 76, xi-xiv.	0.9	0
70	Fatty Acid Transport Protein 1 Can Compensate for Fatty Acid Transport Protein 4 in the Developing Mouse Epidermis. Journal of Investigative Dermatology, 2015, 135, 462-470.	0.7	15
71	Albumin-associated free fatty acids induce macropinocytosis in podocytes. Journal of Clinical Investigation, 2015, 125, 2307-2316.	8.2	73
72	Loss of the Podocyte-Expressed Transcription Factor Tcf21/Pod1 Results in Podocyte Differentiation Defects and FSGS. Journal of the American Society of Nephrology: JASN, 2014, 25, 2459-2470.	6.1	52

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73	Pathology vs. molecular genetics: (re)defining the spectrum of Alport syndrome. Kidney International, 2014, 86, 1081-1083.	5.2	35
74	Feasibility of Repairing Glomerular Basement Membrane Defects in Alport Syndrome. Journal of the American Society of Nephrology: JASN, 2014, 25, 687-692.	6.1	69
75	Neonatal Fc Receptor Promotes Immune Complexâ€“Mediated Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2014, 25, 918-925.	6.1	29
76	Laminin Î±1 Regulates Age-Related Mesangial Cell Proliferation and Mesangial Matrix Accumulation through the TGF-Î² Pathway. American Journal of Pathology, 2014, 184, 1683-1694.	3.8	27
77	DLG1 influences distal ureter maturation via a non-epithelial cell autonomous mechanism involving reduced retinoic acid signaling, Ret expression, and apoptosis. Developmental Biology, 2014, 390, 160-169.	2.0	16
78	Defining Kidney Biology to Understand Renal Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 809-811.	4.5	12
79	A mouse Col4a4 mutation causing Alport glomerulosclerosis with abnormal collagen Î±3Î±4Î±5(IV) trimers. Kidney International, 2014, 85, 1461-1468.	5.2	48
80	The glomerular basement membrane as a barrier to albumin. Nature Reviews Nephrology, 2013, 9, 470-477.	9.6	146
81	Molecular and Cellular Mechanisms of Glomerular Capillary Development. , 2013, , 891-910.		0
82	Scaffolding Proteins DLG1 and CASK Cooperate to Maintain the Nephron Progenitor Population during Kidney Development. Journal of the American Society of Nephrology: JASN, 2013, 24, 1127-1138.	6.1	29
83	Fatty Acid Transport Protein 4 (FATP4) Prevents Light-Induced Degeneration of Cone and Rod Photoreceptors by Inhibiting RPE65 Isomerase. Journal of Neuroscience, 2013, 33, 3178-3189.	3.6	30
84	Requirement of Fatty Acid Transport Protein 4 for Development, Maturation, and Function of Sebaceous Glands in a Mouse Model of Ichthyosis Prematurity Syndrome. Journal of Biological Chemistry, 2013, 288, 3964-3976.	3.4	31
85	The Lutheran/Basal Cell Adhesion Molecule Promotes Tumor Cell Migration by Modulating Integrin-mediated Cell Attachment to Laminin-511 Protein. Journal of Biological Chemistry, 2013, 288, 30990-31001.	3.4	36
86	Laminin Î²2 Gene Missense Mutation Produces Endoplasmic Reticulum Stress in Podocytes. Journal of the American Society of Nephrology: JASN, 2013, 24, 1223-1233.	6.1	77
87	Rac1 Activation in Podocytes Induces Rapid Foot Process Effacement and Proteinuria. Molecular and Cellular Biology, 2013, 33, 4755-4764.	2.3	107
88	Proteolysis Breaks Tolerance toward Intact Î±345(IV) Collagen, Eliciting Novel Antiâ€“Glomerular Basement Membrane Autoantibodies Specific for Ì±345NC1 Hexamers. Journal of Immunology, 2013, 190, 1424-1432.	0.8	29
89	Laminin Î±5 guides tissue patterning and organogenesis. Cell Adhesion and Migration, 2013, 7, 90-100.	2.7	42
90	Nanoscale protein architecture of the kidney glomerular basement membrane. ELife, 2013, 2, e01149.	6.0	140

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91	Life Without Nephrin. Journal of the American Society of Nephrology: JASN, 2012, 23, 369-371.	6.1	13
92	Glomerular basement membrane and related glomerular disease. Translational Research, 2012, 160, 291-297.	5.0	36
93	Functional Consequences of Cell Type-Restricted Expression of Laminin Î±5 in Mouse Placental Labyrinth and Kidney Glomerular Capillaries. PLoS ONE, 2012, 7, e41348.	2.5	12
94	The glomerular basement membrane. Experimental Cell Research, 2012, 318, 973-978.	2.6	231
95	Role of the Polarity Protein Scribble for Podocyte Differentiation and Maintenance. PLoS ONE, 2012, 7, e36705.	2.5	50
96	Basement Membranes. , 2011, , 117-145.		6
97	The Expression and Function of Fatty Acid Transport Protein-2 and -4 in the Murine Placenta. PLoS ONE, 2011, 6, e25865.	2.5	57
98	Glomerular basement membrane composition and the filtration barrier. Pediatric Nephrology, 2011, 26, 1413-1417.	1.7	111
99	Organogenesis of the kidney glomerulus. Organogenesis, 2011, 7, 75-82.	1.2	59
100	Role of fatty acid transporters in epidermis. Dermato-Endocrinology, 2011, 3, 53-61.	1.8	59
101	Forced expression of laminin Î²1 in podocytes prevents nephrotic syndrome in mice lacking laminin Î²2, a model for Pierson syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15348-15353.	7.1	52
102	Wnt/Î²-Catenin Pathway in Podocytes Integrates Cell Adhesion, Differentiation, and Survival. Journal of Biological Chemistry, 2011, 286, 26003-26015.	3.4	166
103	A Missense LAMB2 Mutation Causes Congenital Nephrotic Syndrome by Impairing Laminin Secretion. Journal of the American Society of Nephrology: JASN, 2011, 22, 849-858.	6.1	50
104	Dystroglycan does not contribute significantly to kidney development or function, in health or after injury. American Journal of Physiology - Renal Physiology, 2011, 300, F811-F820.	2.7	29
105	Biophysical properties of normal and diseased renal glomeruli. American Journal of Physiology - Cell Physiology, 2011, 300, C397-C405.	4.6	91
106	Restrictive dermopathy and ZMPSTE24 mutations in Mennonites: Evidence for allelic heterogeneity. American Journal of Medical Genetics, Part A, 2010, 152A, 2140-2141.	1.2	2
107	The biodistribution of [¹⁵³Gd]Gdâ€labeled magnetic resonance contrast agents in a transgenic mouse model of renal failure differs greatly from control mice. Magnetic Resonance in Medicine, 2010, 64, 1274-1280.	3.0	22
108	Activation of NFAT Signaling in Podocytes Causes Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2010, 21, 1657-1666.	6.1	132

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109	Maintenance of Glomerular Filtration Barrier Integrity Requires Laminin Î±5. Journal of the American Society of Nephrology: JASN, 2010, 21, 579-586.	6.1	65
110	Epidermal hyperproliferation in mice lacking fatty acid transport protein 4 (FATP4) involves ectopic EGF receptor and STAT3 signaling. Developmental Biology, 2010, 344, 707-719.	2.0	15
111	The Extracellular Matrix: An Overview. , 2010, , 1-17.		5
112	Glomerular filtration is normal in the absence of both agrin and perlecanâ€“heparan sulfate from the glomerular basement membrane. Nephrology Dialysis Transplantation, 2009, 24, 2044-2051.	0.7	97
113	Fatty acid transport protein 4 is dispensable for intestinal lipid absorption in mice. Journal of Lipid Research, 2009, 50, 491-500.	4.2	71
114	Albuminuria, Wherefore Art Thou?. Journal of the American Society of Nephrology: JASN, 2009, 20, 455-457.	6.1	15
115	The enigmatic parietal epithelial cell is finally getting noticed: a review. Kidney International, 2009, 76, 1225-1238.	5.2	63
116	The Pax3â€Cre transgene exhibits a rostrocaudal gradient of expression in the skeletal muscle lineage. Genesis, 2009, 47, 1-6.	1.6	18
117	Update on the glomerular filtration barrier. Current Opinion in Nephrology and Hypertension, 2009, 18, 226-232.	2.0	109
118	Laminins and their roles in mammals. Microscopy Research and Technique, 2008, 71, 349-356.	2.2	155
119	Î²1 integrin expression by podocytes is required to maintain glomerular structural integrity. Developmental Biology, 2008, 316, 288-301.	2.0	161
120	Glomerular filtration: the charge debate charges ahead. Kidney International, 2008, 74, 259-261.	5.2	26
121	Laminin Î±5 influences the architecture of the mouse small intestine mucosa. Journal of Cell Science, 2008, 121, 2493-2502.	2.0	64
122	Stem cell therapy for Alport syndrome: the hope beyond the hype. Nephrology Dialysis Transplantation, 2008, 24, 731-734.	0.7	40
123	A Potent HIV Protease Inhibitor, Darunavir, Does Not Inhibit ZMPSTE24 or Lead to an Accumulation of Farnesyl-prelamin A in Cells. Journal of Biological Chemistry, 2008, 283, 9797-9804.	3.4	57
124	Podocyte-Derived BMP7 Is Critical for Nephron Development. Journal of the American Society of Nephrology: JASN, 2008, 19, 2181-2191.	6.1	57
125	Podocytes use FcRn to clear IgG from the glomerular basement membrane. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 967-972.	7.1	233
126	Podocyte-Specific Deletion of Dicer Alters Cytoskeletal Dynamics and Causes Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 2150-2158.	6.1	300

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127	Notch-Deficient Skin Induces a Lethal Systemic B-Lymphoproliferative Disorder by Secreting TSLP, a Sentinel for Epidermal Integrity. PLoS Biology, 2008, 6, e123.	5.6	161
128	Laminins promote postsynaptic maturation by an autocrine mechanism at the neuromuscular junction. Journal of Cell Biology, 2008, 182, 1201-1215.	5.2	124
129	Revisiting the glomerular charge barrier in the molecular era. Current Opinion in Nephrology and Hypertension, 2008, 17, 393-398.	2.0	39
130	Molecular and Cellular Mechanisms of Glomerular Capillary Development. , 2008, , 691-706.		1
131	Fatty Acid Transport Protein 4 Is the Principal Very Long Chain Fatty Acyl-CoA Synthetase in Skin Fibroblasts. Journal of Biological Chemistry, 2007, 282, 20573-20583.	3.4	97
132	The LG1-3 Tandem of Laminin Î±5 Harbors the Binding Sites of Lutheran/Basal Cell Adhesion Molecule and Î±3Î²1/Î±6Î²1 Integrins*. Journal of Biological Chemistry, 2007, 282, 14853-14860.	3.4	59
133	Breaking Down the Barrier: Evidence against a Role for Heparan Sulfate in Glomerular Permselectivity. Journal of the American Society of Nephrology: JASN, 2007, 18, 672-674.	6.1	9
134	Partial Rescue of Glomerular Laminin Î±5 Mutations by Wild-Type Endothelia Produce Hybrid Glomeruli. Journal of the American Society of Nephrology: JASN, 2007, 18, 2285-2293.	6.1	19
135	Impaired Glomerular Maturation and Lack of VEGF165b in Denys-Drash Syndrome. Journal of the American Society of Nephrology: JASN, 2007, 18, 719-729.	6.1	60
136	Laminin Compensation in Collagen Î±3(IV) Knockout (Alport) Glomeruli Contributes to Permeability Defects. Journal of the American Society of Nephrology: JASN, 2007, 18, 2465-2472.	6.1	55
137	Keratinocyte-specific Expression of Fatty Acid Transport Protein 4 Rescues the Wrinkle-free Phenotype in Slc27a4/Fatp4 Mutant Mice. Journal of Biological Chemistry, 2007, 282, 15912-15920.	3.4	45
138	Laminin Î±5 is necessary for submandibular gland epithelial morphogenesis and influences FGFR expression through Î²1 integrin signaling. Developmental Biology, 2007, 308, 15-29.	2.0	125
139	Disruption of Glomerular Basement Membrane Charge through Podocyte-Specific Mutation of Agrin Does Not Alter Glomerular Permselectivity. American Journal of Pathology, 2007, 171, 139-152.	3.8	153
140	Increased progerin expression associated with unusualLMNAmutations causes severe progeroid syndromes. Human Mutation, 2007, 28, 882-889.	2.5	103
141	Laminins regulate cryptâ€villus architecture and epithelial cell behavior in the mouse intestine. FASEB Journal, 2007, 21, A43.	0.5	0
142	Role of COL4A1 in Small-Vessel Disease and Hemorrhagic Stroke. New England Journal of Medicine, 2006, 354, 1489-1496.	27.0	486
143	Abnormalities in neural crest cell migration in laminin Î±5 mutant mice. Developmental Biology, 2006, 289, 218-228.	2.0	65
144	Molecular dissection of laminin Î±5 in vivo reveals separable domain-specific roles in embryonic development and kidney function. Developmental Biology, 2006, 296, 265-277.	2.0	40

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145	Laminin-10 and Lutheran blood group glycoproteins in adhesion of human endothelial cells. American Journal of Physiology - Cell Physiology, 2006, 290, C764-C775.	4.6	29
146	Vascular Endothelial Growth Factor A Signaling in the Podocyte-Endothelial Compartment Is Required for Mesangial Cell Migration and Survival. Journal of the American Society of Nephrology: JASN, 2006, 17, 724-735.	6.1	217
147	Loss of Î±3/Î±4(IV) Collagen from the Glomerular Basement Membrane Induces a Strain-Dependent Isoform Switch to Î±5Î±6(IV) Collagen Associated with Longer Renal Survival in Col4a3 â^'/â^' Alport Mice. Journal of the American Society of Nephrology: JASN, 2006, 17, 1962-1969.	6.1	60
148	Podocyte-Specific Deletion of Integrin-Linked Kinase Results in Severe Glomerular Basement Membrane Alterations and Progressive Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2006, 17, 1334-1344.	6.1	137
149	Transgenic isolation of skeletal muscle and kidney defects in lamininÎ²2 mutant mice: implications for Pierson syndrome. Development (Cambridge), 2006, 133, 967-975.	2.5	72
150	Discs-large homolog 1 regulates smooth muscle orientation in the mouse ureter. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19872-19877.	7.1	93
151	A Hypomorphic Mutation in the Mouse Laminin Î±5 Gene Causes Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2006, 17, 1913-1922.	6.1	112
152	Laminin Î±5 Is Required for Dental Epithelium Growth and Polarity and the Development of Tooth Bud and Shape. Journal of Biological Chemistry, 2006, 281, 5008-5016.	3.4	100
153	Bigenic mouse models of focal segmental glomerulosclerosis involving pairwise interaction of CD2AP, Fyn, and synaptopodin. Journal of Clinical Investigation, 2006, 116, 1337-1345.	8.2	137
154	Proteinuria precedes podocyte abnormalities inLamb2-/- mice, implicating the glomerular basement membrane as an albumin barrier. Journal of Clinical Investigation, 2006, 116, 2272-2279.	8.2	201
155	Homozygous and Compound Heterozygous Mutations in ZMPSTE24 Cause the Laminopathy Restrictive Dermopathy. Journal of Investigative Dermatology, 2005, 125, 913-919.	0.7	128
156	Coordinate control of axon defasciculation and myelination by laminin-2 and -8. Journal of Cell Biology, 2005, 168, 655-666.	5.2	147
157	Review: Lutheran/B-CAM: A Laminin Receptor on Red Blood Cells and in Various Tissues. Connective Tissue Research, 2005, 46, 193-199.	2.3	50
158	Blocking protein farnesyltransferase improves nuclear shape in fibroblasts from humans with progeroid syndromes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12873-12878.	7.1	254
159	Distinct Epitopes for Antiâ€“Glomerular Basement Membrane Alport Alloantibodies and Goodpasture Autoantibodies within the Noncollagenous Domain of Î±3(IV) Collagen. Journal of the American Society of Nephrology: JASN, 2005, 16, 3563-3571.	6.1	46
160	Building the Glomerulus. Journal of the American Society of Nephrology: JASN, 2005, 16, 857-861.	6.1	66
161	A Chemotactic Peptide from Laminin Î±5 Functions as a Regulator of Inflammatory Immune Responses via TNFÎ±-mediated Signaling. Journal of Immunology, 2005, 174, 1621-1629.	0.8	46
162	Transient expression of laminin ?1 chain in regenerating murine liver: Restricted localization of laminin chains and nidogen-1. Experimental Cell Research, 2005, 305, 99-109.	2.6	33

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163	Erratum to â€œTransient expression of laminin Î±1 chain in regenerating murine liver: Restricted localization of laminin chains and nidogen-1â€•[Exp. Cell Res. 305 (2005) 99â€“109]. Experimental Cell Research, 2005, 308, 491-492.	2.6	0
164	A simplified laminin nomenclature. Matrix Biology, 2005, 24, 326-332.	3.6	760
165	The immortalized human corneal epithelial cells adhere to laminin-10 by using Lutheran glycoproteins and integrin Î±3Î²1. Experimental Eye Research, 2005, 81, 415-421.	2.6	7
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