Mehmet M Altintas

List of Publications by Year
in descending order

53 papers	3,881 citations	218677 26 h-index	197818 49 g-index
56 all docs	56 docs citations	56 times ranked	5058 citing authors

#	Article	IF	Citations
1	Simultaneous stabilization of actin cytoskeleton in multiple nephron-specific cells protects the kidney from diverse injury. Nature Communications, 2022, 13, 2422.	12.8	9
2	Metabolic Changes in Peripheral Blood Mononuclear Cells Isolated From Patients With End Stage Renal Disease. Frontiers in Endocrinology, 2021, 12, 629239.	3.5	19
3	Renal cell markers: lighthouses for managing renal diseases. American Journal of Physiology - Renal Physiology, 2021, 321, F715-F739.	2.7	5
4	Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. EBioMedicine, 2021, 72, 103617.	6.1	1
5	From Infancy to Fancy: A Glimpse into the Evolutionary Journey of Podocytes in Culture. Kidney360, 2021, 2, 385-397.	2.1	4
6	Soluble Urokinase Receptor and Acute Kidney Injury. New England Journal of Medicine, 2020, 382, 416-426.	27.0	149
7	Podocytes. American Journal of Pathology, 2019, 189, 226-228.	3.8	5
8	Nonimmune cellâ€"derived ICOS ligand functions as a renoprotective Î±vÎ²3 integrinâ€"selective antagonist. Journal of Clinical Investigation, 2019, 129, 1713-1726.	8.2	19
9	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. Kidney International, 2018, 93, 1308-1319.	5.2	49
10	High-content screening assay-based discovery of paullones as novel podocyte-protective agents. American Journal of Physiology - Renal Physiology, 2018, 314, F280-F292.	2.7	12
11	TRPC5 Does Not Cause or Aggravate Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2018, 29, 409-415.	6.1	38
12	Podocytes exhibit a specialized protein quality control employing derlin-2 in kidney disease. American Journal of Physiology - Renal Physiology, 2018, 314, F471-F482.	2.7	11
13	More expression, less function: cleaved dynamin in glomerular kidney disease. Journal of Pathology, 2018, 247, 413-415.	4.5	3
14	A High-Content Screening Technology for Quantitatively Studying Podocyte Dynamics. Advances in Chronic Kidney Disease, 2017, 24, 183-188.	1.4	4
15	Apoptosis and Compensatory Proliferation Signaling Are Coupled by CrkI-Containing Microvesicles. Developmental Cell, 2017, 41, 674-684.e5.	7.0	42
16	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. Journal of Biological Chemistry, 2017, 292, 732-747.	3.4	74
17	A tripartite complex of suPAR, APOL1 risk variants and Î±vÎ²3 integrin on podocytes mediates chronic kidney disease. Nature Medicine, 2017, 23, 945-953.	30.7	176
18	Soluble Urokinase Receptor and the Kidney Response in Diabetes Mellitus. Journal of Diabetes Research, 2017, 2017, 1-9.	2.3	28

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19	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. Journal of Clinical Investigation, 2017, 127, 1271-1283.	8.2	100
20	Podocytes. F1000Research, 2016, 5, 114.	1.6	133
21	Bridges to cross, burn, and mend: cells of renin lineage as podocyte progenitors. American Journal of Physiology - Renal Physiology, 2015, 309, F499-F500.	2.7	6
22	A Podocyte-Based Automated Screening Assay Identifies Protective Small Molecules. Journal of the American Society of Nephrology: JASN, 2015, 26, 2741-2752.	6.1	53
23	Soluble Urokinase Receptor and Chronic Kidney Disease. New England Journal of Medicine, 2015, 373, 1916-1925.	27.0	338
24	Role of Podocyte B7-1 in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 1415-1429.	6.1	114
25	Structure of the Kidney Slit Diaphragm Adapter Protein CD2-Associated Protein as Determined with Electron Microscopy. Journal of the American Society of Nephrology: JASN, 2014, 25, 1465-1473.	6.1	4
26	Reduction of Proteinuria through Podocyte Alkalinization. Journal of Biological Chemistry, 2014, 289, 17454-17467.	3.4	12
27	Transient Receptor Potential Channel 6 (TRPC6) Protects Podocytes during Complement-mediated Glomerular Disease. Journal of Biological Chemistry, 2013, 288, 36598-36609.	3.4	49
28	Small molecule agonists of integrin CD11b/CD18 do not induce global conformational changes and are significantly better than activating antibodies in reducing vascular injury. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3696-3710.	2.4	31
29	Podocyte GTPases regulate kidney filter dynamics. Kidney International, 2012, 81, 1053-1055.	5.2	52
30	Leptin deficiency-induced obesity affects the density of mast cells in abdominal fat depots and lymph nodes in mice. Lipids in Health and Disease, 2012, 11, 21.	3.0	21
31	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. Journal of Clinical Investigation, 2012, 122, 780-780.	8.2	3
32	Apoptosis, mastocytosis, and diminished adipocytokine gene expression accompany reduced epididymal fat mass in long-standing diet-induced obese mice. Lipids in Health and Disease, 2011, 10, 198.	3.0	46
33	Mast cells, macrophages, and crown-like structures distinguish subcutaneous from visceral fat in mice. Journal of Lipid Research, 2011, 52, 480-488.	4.2	153
34	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. Journal of Clinical Investigation, 2011, 121, 3965-3980.	8.2	124
35	Enzymatic disease of the podocyte. Pediatric Nephrology, 2010, 25, 1017-1023.	1.7	15
36	Prkdc participates in mitochondrial genome maintenance and prevents Adriamycin-induced nephropathy in mice. Journal of Clinical Investigation, 2010, 120, 4055-4064.	8.2	92

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37	Establishment of Protein Delivery Systems Targeting Podocytes. PLoS ONE, 2010, 5, e11837.	2.5	9
38	CD2AP Structure And Progression Of Renal Disease. Biophysical Journal, 2009, 96, 132a-133a.	0.5	0
39	Modification of kidney barrier function by the urokinase receptor. Nature Medicine, 2008, 14, 55-63.	30.7	501
40	Emerging Roles for Metabolic Engineering - Understanding Primitive and Complex Metabolic Models and Their Relevance to Healthy and Diseased Kidney Podocytes. Current Chemical Biology, 2008, 2, 68-82.	0.5	0
41	Emerging Roles for Metabolic Engineering - Understanding Primitive and Complex Metabolic Models and Their Relevance to Healthy and Diseased Kidney Podocytes. Current Chemical Biology, 2008, 2, 68-82.	0.5	1
42	Induction of TRPC6 Channel in Acquired Forms of Proteinuric Kidney Disease. Journal of the American Society of Nephrology: JASN, 2007, 18, 29-36.	6.1	272
43	Proteolytic processing of dynamin by cytoplasmic cathepsin L is a mechanism for proteinuric kidney disease. Journal of Clinical Investigation, 2007, 117, 2095-2104.	8.2	188
44	Kinetic modeling to optimize pentose fermentation inZymomonas mobilis. Biotechnology and Bioengineering, 2006, 94, 273-295.	3.3	45
45	TRPC6 is a glomerular slit diaphragm-associated channel required for normal renal function. Nature Genetics, 2005, 37, 739-744.	21.4	747
46	Flux analysis of recombinant Saccharomyces cerevisiae YPB-G utilizing starch for optimal ethanol production. Process Biochemistry, 2004, 39, 2097-2108.	3.7	39
47	Transfer function approach in structured modeling of recombinant yeast utilizing starch. Process Biochemistry, 2004, 39, 1237-1248.	3.7	4
48	Optimal substrate feeding policy for fed-batch cultures of S. cerevisiae expressing bifunctional fusion protein displaying amylolytic activities. Enzyme and Microbial Technology, 2003, 33, 262-269.	3.2	12
49	Cybernetic modelling of growth and ethanol production in a recombinant Saccharomyces cerevisiae strain secreting a bifunctional fusion protein. Process Biochemistry, 2002, 37, 1439-1445.	3.7	17
50	Improvement of ethanol production from starch by recombinant yeast through manipulation of environmental factors. Enzyme and Microbial Technology, 2002, 31, 640-647.	3.2	36
51	Plasmid stability in a recombinantS cerevisiaestrain secreting a bifunctional fusion protein. Journal of Chemical Technology and Biotechnology, 2001, 76, 612-618.	3.2	13
52	Plasmid stability in a recombinant S cerevisiae strain secreting a bifunctional fusion protein. Journal of Chemical Technology and Biotechnology, 2001, 76, 612-618.	3.2	0
53	Purification of TaqI endonuclease from Thermus aquaticus. Journal of Chromatography A, 1998, 828, 373-381.	3.7	3