

Mehmet M Altintas

List of Publications by Year in descending order

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53
papers

3,881
citations

218677

26
h-index

197818

49
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56
all docs

56
docs citations

56
times ranked

5058
citing authors

#	ARTICLE	IF	CITATIONS
1	TRPC6 is a glomerular slit diaphragm-associated channel required for normal renal function. <i>Nature Genetics</i> , 2005, 37, 739-744.	21.4	747
2	Modification of kidney barrier function by the urokinase receptor. <i>Nature Medicine</i> , 2008, 14, 55-63.	30.7	501
3	Soluble Urokinase Receptor and Chronic Kidney Disease. <i>New England Journal of Medicine</i> , 2015, 373, 1916-1925.	27.0	338
4	Induction of TRPC6 Channel in Acquired Forms of Proteinuric Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 29-36.	6.1	272
5	Proteolytic processing of dynamin by cytoplasmic cathepsin L is a mechanism for proteinuric kidney disease. <i>Journal of Clinical Investigation</i> , 2007, 117, 2095-2104.	8.2	188
6	A tripartite complex of suPAR, APOL1 risk variants and α 3 integrin on podocytes mediates chronic kidney disease. <i>Nature Medicine</i> , 2017, 23, 945-953.	30.7	176
7	Mast cells, macrophages, and crown-like structures distinguish subcutaneous from visceral fat in mice. <i>Journal of Lipid Research</i> , 2011, 52, 480-488.	4.2	153
8	Soluble Urokinase Receptor and Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2020, 382, 416-426.	27.0	149
9	Podocytes. <i>F1000Research</i> , 2016, 5, 114.	1.6	133
10	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , 2011, 121, 3965-3980.	8.2	124
11	Role of Podocyte B7-1 in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1415-1429.	6.1	114
12	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , 2017, 127, 1271-1283.	8.2	100
13	Prkdc participates in mitochondrial genome maintenance and prevents Adriamycin-induced nephropathy in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 4055-4064.	8.2	92
14	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 732-747.	3.4	74
15	A Podocyte-Based Automated Screening Assay Identifies Protective Small Molecules. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2741-2752.	6.1	53
16	Podocyte GTPases regulate kidney filter dynamics. <i>Kidney International</i> , 2012, 81, 1053-1055.	5.2	52
17	Transient Receptor Potential Channel 6 (TRPC6) Protects Podocytes during Complement-mediated Glomerular Disease. <i>Journal of Biological Chemistry</i> , 2013, 288, 36598-36609.	3.4	49
18	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. <i>Kidney International</i> , 2018, 93, 1308-1319.	5.2	49

#	ARTICLE	IF	CITATIONS
19	Apoptosis, mastocytosis, and diminished adipocytokine gene expression accompany reduced epididymal fat mass in long-standing diet-induced obese mice. <i>Lipids in Health and Disease</i> , 2011, 10, 198.	3.0	46
20	Kinetic modeling to optimize pentose fermentation in <i>Zymomonas mobilis</i> . <i>Biotechnology and Bioengineering</i> , 2006, 94, 273-295.	3.3	45
21	Apoptosis and Compensatory Proliferation Signaling Are Coupled by Crkl-Containing Microvesicles. <i>Developmental Cell</i> , 2017, 41, 674-684.e5.	7.0	42
22	Flux analysis of recombinant <i>Saccharomyces cerevisiae</i> YPB-G utilizing starch for optimal ethanol production. <i>Process Biochemistry</i> , 2004, 39, 2097-2108.	3.7	39
23	TRPC5 Does Not Cause or Aggravate Glomerular Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 409-415.	6.1	38
24	Improvement of ethanol production from starch by recombinant yeast through manipulation of environmental factors. <i>Enzyme and Microbial Technology</i> , 2002, 31, 640-647.	3.2	36
25	Small molecule agonists of integrin CD11b/CD18 do not induce global conformational changes and are significantly better than activating antibodies in reducing vascular injury. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3696-3710.	2.4	31
26	Soluble Urokinase Receptor and the Kidney Response in Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	28
27	Leptin deficiency-induced obesity affects the density of mast cells in abdominal fat depots and lymph nodes in mice. <i>Lipids in Health and Disease</i> , 2012, 11, 21.	3.0	21
28	Metabolic Changes in Peripheral Blood Mononuclear Cells Isolated From Patients With End Stage Renal Disease. <i>Frontiers in Endocrinology</i> , 2021, 12, 629239.	3.5	19
29	Nonimmune cell-derived ICOS ligand functions as a renoprotective α 23 integrin-selective antagonist. <i>Journal of Clinical Investigation</i> , 2019, 129, 1713-1726.	8.2	19
30	Cybernetic modelling of growth and ethanol production in a recombinant <i>Saccharomyces cerevisiae</i> strain secreting a bifunctional fusion protein. <i>Process Biochemistry</i> , 2002, 37, 1439-1445.	3.7	17
31	Enzymatic disease of the podocyte. <i>Pediatric Nephrology</i> , 2010, 25, 1017-1023.	1.7	15
32	Plasmid stability in a recombinant <i>S. cerevisiae</i> strain secreting a bifunctional fusion protein. <i>Journal of Chemical Technology and Biotechnology</i> , 2001, 76, 612-618.	3.2	13
33	Optimal substrate feeding policy for fed-batch cultures of <i>S. cerevisiae</i> expressing bifunctional fusion protein displaying amyolytic activities. <i>Enzyme and Microbial Technology</i> , 2003, 33, 262-269.	3.2	12
34	Reduction of Proteinuria through Podocyte Alkalinization. <i>Journal of Biological Chemistry</i> , 2014, 289, 17454-17467.	3.4	12
35	High-content screening assay-based discovery of paullones as novel podocyte-protective agents. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F280-F292.	2.7	12
36	Podocytes exhibit a specialized protein quality control employing derlin-2 in kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F471-F482.	2.7	11

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37	Establishment of Protein Delivery Systems Targeting Podocytes. PLoS ONE, 2010, 5, e11837.	2.5	9
38	Simultaneous stabilization of actin cytoskeleton in multiple nephron-specific cells protects the kidney from diverse injury. Nature Communications, 2022, 13, 2422.	12.8	9
39	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
40	Podocytes. American Journal of Pathology, 2019, 189, 226-228.	3.8	5
41	Renal cell markers: lighthouses for managing renal diseases. American Journal of Physiology - Renal Physiology, 2021, 321, F715-F739.	2.7	5
42	Transfer function approach in structured modeling of recombinant yeast utilizing starch. Process Biochemistry, 2004, 39, 1237-1248.	3.7	4
43	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
44	A High-Content Screening Technology for Quantitatively Studying Podocyte Dynamics. Advances in Chronic Kidney Disease, 2017, 24, 183-188.	1.4	4
45	From Infancy to Fancy: A Glimpse into the Evolutionary Journey of Podocytes in Culture. Kidney360, 2021, 2, 385-397.	2.1	4
46	Purification of TaqI endonuclease from Thermus aquaticus. Journal of Chromatography A, 1998, 828, 373-381.	3.7	3
47	More expression, less function: cleaved dynamin in glomerular kidney disease. Journal of Pathology, 2018, 247, 413-415.	4.5	3
48	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
49	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
50	Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. EBioMedicine, 2021, 72, 103617.	6.1	1
51	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
52	CD2AP Structure And Progression Of Renal Disease. Biophysical Journal, 2009, 96, 132a-133a.	0.5	0
53	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