

Takashi Yokoo

List of Publications by Year in descending order

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142
papers

2,734
citations

218677

26
h-index

223800

46
g-index

144
all docs

144
docs citations

144
times ranked

2802
citing authors

#	ARTICLE	IF	CITATIONS
1	Human mesenchymal stem cells in rodent whole-embryo culture are reprogrammed to contribute to kidney tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3296-3300.	7.1	216
2	A multicenter randomized controlled trial of tonsillectomy combined with steroid pulse therapy in patients with immunoglobulin A nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1546-1553.	0.7	149
3	Xenobiotic Kidney Organogenesis from Human Mesenchymal Stem Cells Using a Growing Rodent Embryo. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1026-1034.	6.1	129
4	GWAS of clinically defined gout and subtypes identifies multiple susceptibility loci that include urate transporter genes. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 869-877.	0.9	114
5	Role of vitamin D in diabetes mellitus and chronic kidney disease. <i>World Journal of Diabetes</i> , 2016, 7, 89.	3.5	101
6	Dual regulation of IL-1 beta-mediated matrix metalloproteinase-9 expression in mesangial cells by NF-kappa B and AP-1. <i>American Journal of Physiology - Renal Physiology</i> , 1996, 270, F123-F130.	2.7	87
7	Associations among serum trimethylamine-N-oxide (TMAO) levels, kidney function and infarcted coronary artery number in patients undergoing cardiovascular surgery: a cross-sectional study. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 731-739.	1.6	85
8	Genetically Modified Bone Marrow-Derived Vehicle Cells Site Specifically Deliver an Anti-Inflammatory Cytokine to Inflamed Interstitium of Obstructive Nephropathy. <i>Journal of Immunology</i> , 2001, 166, 609-616.	0.8	67
9	Urine excretion strategy for stem cell-generated embryonic kidneys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12980-12985.	7.1	66
10	Association Between Tonsillectomy and Outcomes in Patients With Immunoglobulin A Nephropathy. <i>JAMA Network Open</i> , 2019, 2, e194772.	5.9	59
11	Generation of a Transplantable Erythropoietin-Producer Derived From Human Mesenchymal Stem Cells. <i>Transplantation</i> , 2008, 85, 1654-1658.	1.0	54
12	Prophylaxis of Antibody-Induced Acute Glomerulonephritis with Genetically Modified Bone Marrow-Derived Vehicle Cells. <i>Human Gene Therapy</i> , 1999, 10, 2673-2678.	2.7	51
13	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1400-1411.	6.1	51
14	Generation of interspecies limited chimeric nephrons using a conditional nephron progenitor cell replacement system. <i>Nature Communications</i> , 2017, 8, 1719.	12.8	51
15	Glomerular Density and Volume in Renal Biopsy Specimens of Children with Proteinuria Relative to Preterm Birth and Gestational Age. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 585-590.	4.5	47
16	Genetically modified bone marrow continuously supplies anti-inflammatory cells and suppresses renal injury in mouse Goodpasture syndrome. <i>Blood</i> , 2001, 98, 57-64.	1.4	46
17	Xenotransplanted Embryonic Kidney Provides a Niche for Endogenous Mesenchymal Stem Cell Differentiation into Erythropoietin-Producing Tissue. <i>Stem Cells</i> , 2012, 30, 1228-1235.	3.2	46
18	New Concept of Onco-Hypertension and Future Perspectives. <i>Hypertension</i> , 2021, 77, 16-27.	2.7	46

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19	Adipose Tissue-Derived Mesenchymal Stem Cells in Long-Term Dialysis Patients Display Downregulation of PCAF Expression and Poor Angiogenesis Activation. PLoS ONE, 2014, 9, e102311.	2.5	37
20	Proton Pump Inhibitor Use and Magnesium Concentrations in Hemodialysis Patients: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0143656.	2.5	36
21	Serum uric acid and the incidence of CKD and hypertension. Clinical and Experimental Nephrology, 2015, 19, 1127-1134.	1.6	35
22	The effect of metanephros transplantation on blood pressure in anephric rats with induced acute hypotension. Nephrology Dialysis Transplantation, 2012, 27, 3449-3455.	0.7	33
23	Inflamed Site-Specific Gene Delivery Using Bone Marrow-Derived CD11b ⁺ CD18 ⁺ Vehicle Cells in Mice. Human Gene Therapy, 1998, 9, 1731-1738.	2.7	29
24	Functional development of a transplanted embryonic kidney: effect of transplantation site. Journal of Nephrology, 2012, 25, 50-55.	2.0	29
25	Regenerative potential of induced pluripotent stem cells derived from patients undergoing haemodialysis in kidney regeneration. Scientific Reports, 2018, 8, 14919.	3.3	28
26	Gcm2 regulates the maintenance of parathyroid cells in adult mice. PLoS ONE, 2019, 14, e0210662.	2.5	28
27	Generation of Human Renal Vesicles in Mouse Organ Niche Using Nephron Progenitor Cell Replacement System. Cell Reports, 2020, 32, 108130.	6.4	28
28	Stem cells for kidney repair: useful tool for acute renal failure?. Kidney International, 2008, 74, 847-849.	5.2	27
29	The Different Association between Serum Ferritin and Mortality in Hemodialysis and Peritoneal Dialysis Patients Using Japanese Nationwide Dialysis Registry. PLoS ONE, 2015, 10, e0143430.	2.5	27
30	IL-1beta depresses expression of the 70-kilodalton heat shock protein and sensitizes glomerular cells to oxidant-initiated apoptosis. Journal of Immunology, 1997, 159, 2886-92.	0.8	27
31	Reduction of lysosomal storage in murine mucopolysaccharidosis type VII by transplantation of normal and genetically modified macrophages. Blood, 2000, 95, 3631-3633.	1.4	26
32	Impact of Ex Vivo Administration of Mesenchymal Stem Cells on the Function of Kidney Grafts From Cardiac Death Donors in Rat. Transplantation Proceedings, 2014, 46, 1578-1584.	0.6	25
33	Detrimental Effects of Centrally Administered Angiotensin II are Enhanced in a Mouse Model of Alzheimer Disease Independently of Blood Pressure. Journal of the American Heart Association, 2017, 6, .	3.7	25
34	Current Bioengineering Methods for Whole Kidney Regeneration. Stem Cells International, 2015, 2015, 1-10.	2.5	23
35	Renal sympathetic nerve activity regulates cardiovascular energy expenditure in rats fed high salt. Hypertension Research, 2020, 43, 482-491.	2.7	23
36	Comparison of multipotency and molecular profile of MSCs between CKD and healthy rats. Human Cell, 2014, 27, 59-67.	2.7	22

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37	Associations Between Low Serum Testosterone and All-Cause Mortality and Infection-Related Hospitalization in Male Hemodialysis Patients: A Prospective Cohort Study. <i>Kidney International Reports</i> , 2017, 2, 1160-1168.	0.8	22
38	Macrophage-colony stimulating factor (M-CSF) enhances proteinuria and recruitment of macrophages into the glomerulus in experimental murine nephritis. <i>Clinical and Experimental Immunology</i> , 1996, 106, 286-296.	2.6	21
39	Inhibition of endogenous BMP in the glomerulus leads to mesangial matrix expansion. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 681-688.	2.1	21
40	Integration of human mesenchymal stem cells into the Wolffian duct in chicken embryos. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 330-335.	2.1	20
41	Kidney organogenesis and regeneration: a new era in the treatment of chronic renal failure?. <i>Clinical and Experimental Nephrology</i> , 2008, 12, 326-331.	1.6	19
42	A Thermoreversible Polymer Mediates Controlled Release of Glial Cell Line-Derived Neurotrophic Factor to Enhance Kidney Regeneration. <i>Artificial Organs</i> , 2010, 34, 642-647.	1.9	19
43	In vivo regeneration of interspecies chimeric kidneys using a nephron progenitor cell replacement system. <i>Scientific Reports</i> , 2019, 9, 6965.	3.3	18
44	A grading system that predicts the risk of dialysis induction in IgA nephropathy patients based on the combination of the clinical and histological severity. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 16-25.	1.6	18
45	Gene Transfer of Interleukin-1 Receptor Antagonist into the Renal Glomerulus via a Mesangial Cell Vector. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 883-888.	2.1	17
46	Unexpected protection of glomerular mesangial cells from oxidant-triggered apoptosis by bioflavonoid quercetin. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, F206-F212.	2.7	17
47	Metanephros Transplantation Inhibits the Progression of Vascular Calcification in Rats with Adenine-Induced Renal Failure. <i>Nephron Experimental Nephrology</i> , 2012, 120, e32-e40.	2.2	17
48	Tonsillectomy reduces recurrence of IgA nephropathy in mesangial hypercellularity type categorized by the Oxford classification. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 425-432.	1.6	17
49	New measures against chronic kidney diseases in Japan since 2018. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 1263-1271.	1.6	17
50	Role and Treatment of Insulin Resistance in Patients with Chronic Kidney Disease: A Review. <i>Nutrients</i> , 2021, 13, 4349.	4.1	17
51	Association between resistin and fibroblast growth factor 23 in patients with type 2 diabetes mellitus. <i>Scientific Reports</i> , 2018, 8, 13999.	3.3	16
52	Xeno-regenerative medicine: A novel concept for donor kidney fabrication. <i>Xenotransplantation</i> , 2020, 27, e12622.	2.8	16
53	Stem Cell Gene Therapy for Chronic Renal Failure. <i>Current Gene Therapy</i> , 2003, 3, 387-394.	2.0	16
54	De Novo Kidney Regeneration with Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	15

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55	Opposite, binary regulatory pathways involved in IL-1-mediated stromelysin gene expression in rat mesangial cells. <i>Kidney International</i> , 1996, 50, 894-901.	5.2	14
56	Risk factors for encapsulating peritoneal sclerosis: Analysis of a 36-year experience in a University Hospital. <i>Nephrology</i> , 2017, 22, 907-912.	1.6	14
57	Stem cells and kidney organogenesis. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 2814.	3.0	13
58	Organogenesis for kidney regeneration. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 186-190.	1.6	13
59	Effect of adipose-derived mesenchymal stem cell transplantation on vascular calcification in rats with adenine-induced kidney disease. <i>Scientific Reports</i> , 2017, 7, 14036.	3.3	13
60	Antioxidant PDTC induces stromelysin expression in mesangial cells via a tyrosine kinase-AP-1 pathway. <i>American Journal of Physiology - Renal Physiology</i> , 1996, 270, F806-F811.	2.7	12
61	Pneumothorax Secondary to Septic Pulmonary Emboli in a Long-term Hemodialysis Patient with Psoas Abscess. <i>Internal Medicine</i> , 2017, 56, 3243-3247.	0.7	12
62	Semiquantitative assessed proteinuria and risk of heart failure: analysis of a nationwide epidemiological database. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1691-1699.	0.7	12
63	Inflamed Glomeruli-Specific Gene Activation that Uses Recombinant Adenovirus with the Cre/loxP System. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2330-2337.	6.1	12
64	Generation of functional chimeric kidney containing exogenous progenitor-derived stroma and nephron via a conditional empty niche. <i>Cell Reports</i> , 2022, 39, 110933.	6.4	12
65	Potential Use of Stem Cells for Kidney Regeneration. <i>International Journal of Nephrology</i> , 2011, 2011, 1-9.	1.3	11
66	Homozygous deletions of UGT2B17 modifies effects of smoking on TP53-mutations and relapse of head and neck carcinoma. <i>BMC Cancer</i> , 2015, 15, 205.	2.6	11
67	Effectiveness of a fixed combination formula of ombitasvir/paritaprevir/ritonavir for hepatitis C virus infection in patients on maintenance haemodialysis. <i>Nephrology</i> , 2017, 22, 562-565.	1.6	11
68	Association Between Blood Pressure Classification Using the 2017 ACC/AHA Blood Pressure Guideline and Retinal Atherosclerosis. <i>American Journal of Hypertension</i> , 2021, 34, 1049-1056.	2.0	11
69	Generation of heterozygous PKD1 mutant pigs exhibiting early-onset renal cyst formation. <i>Laboratory Investigation</i> , 2022, 102, 560-569.	3.7	11
70	Gene delivery using human cord blood-derived CD34+ cells into inflamed glomeruli in NOD/SCID mice. <i>Kidney International</i> , 2003, 64, 102-109.	5.2	10
71	Embryonic kidney function in a chronic renal failure model in rodents. <i>Clinical and Experimental Nephrology</i> , 2017, 21, 579-588.	1.6	10
72	Mesangial cell regeneration from exogenous stromal progenitor by utilizing embryonic kidney. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 627-633.	2.1	10

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73	Gcm1 is involved in cell proliferation and fibrosis during kidney regeneration after ischemiaâ€reperfusion injury. <i>Scientific Reports</i> , 2019, 9, 7883.	3.3	10
74	Application of Regenerative Medicine for Kidney Diseases. <i>Organogenesis</i> , 2007, 3, 34-43.	1.2	9
75	Emphysematous cystitis complication in a patient undergoing hemodialysis. <i>Clinical and Experimental Nephrology</i> , 2007, 11, 247-250.	1.6	9
76	A Simplified in Vitro Teratoma Assay for Pluripotent Stem Cells Injected into Rodent Fetal Organs. <i>Cell Medicine</i> , 2012, 3, 103-112.	5.0	9
77	Interventional nephrology: current status and clinical impact in Japan. <i>Clinical and Experimental Nephrology</i> , 2018, 22, 437-447.	1.6	9
78	Kidney Regeneration in Later-Stage Mouse Embryos via Transplanted Renal Progenitor Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 2293-2305.	6.1	9
79	Indirect podocyte injury manifested in a partial podocytectomy mouse model. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F922-F933.	2.7	9
80	IgA nephropathy with glomerular capillary IgA deposition following SARS-CoV-2 mRNA vaccination: a report of three cases. <i>CEN Case Reports</i> , 2022, 11, 499-505.	0.9	9
81	Change in Cardiovascular Health Metrics and Risk for Proteinuria Development: Analysis of a Nationwide Population-Based Database. <i>American Journal of Nephrology</i> , 2022, 53, 240-248.	3.1	8
82	Kidney Regeneration with Stem Cells: An Overview. <i>Nephron Experimental Nephrology</i> , 2014, 126, 54-58.	2.2	7
83	Renal Stem Cells, Tissue Regeneration, and Stem Cell Therapies for Renal Diseases. <i>Stem Cells International</i> , 2015, 2015, 1-2.	2.5	7
84	Intra-arterial catheter system to repeatedly deliver mesenchymal stem cells in a rat renal failure model. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 169-177.	1.6	7
85	Clinicopathological features and outcomes of kidney allografts in plasma cellâ€rich acute rejection: A case series. <i>Nephrology</i> , 2018, 23, 22-26.	1.6	7
86	Dysfunctional ABCG2 gene polymorphisms are associated with serum uric acid levels and all-cause mortality in hemodialysis patients. <i>Human Cell</i> , 2020, 33, 559-568.	2.7	7
87	Possible prevention of dialysis-requiring congestive heart failure by angiotensin-II receptor blockers in non-dialysis Japanese patients with Stage 5 chronic kidney disease. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1175-1184.	1.7	6
88	Beneficial Impact of Interspecies Chimeric Renal Organoids Against a Xenogeneic Immune Response. <i>Frontiers in Immunology</i> , 2022, 13, 848433.	4.8	6
89	Kidney regeneration by xeno-embryonic nephrogenesis. <i>Medical Molecular Morphology</i> , 2008, 41, 5-13.	1.0	5
90	Kidney regeneration using developing xenoembryo. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 160-164.	1.6	5

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91	Usefulness of combination therapy with Daclatasvir plus Asunaprevir in chronic hepatitis C patients with chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , 2017, 21, 818-824.	1.6	5
92	Optimal route of diphtheria toxin administration to eliminate native nephron progenitor cells in vivo for kidney regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1176-1182.	2.1	5
93	Techniques of orthotopic renal transplantation in pigs. One donor to two recipients via inverted grafting. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360208.	0.7	5
94	Techniques of fragile renal organoids transplantation in mice. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e361102.	0.7	5
95	Xenobiotic kidney organogenesis: a new avenue for renal transplantation. <i>Journal of Nephrology</i> , 2009, 22, 312-7.	2.0	5
96	In Vivo Development of Fetal Pig Kidneys in Mature Monkeys under Clinically Approved Immunosuppressant Drugs. <i>Engineering</i> , 2022, 10, 65-73.	6.7	5
97	Association between proteinuria and incident colorectal cancer: analysis of a nationwide population-based database. <i>BMJ Open</i> , 2022, 12, e056250.	1.9	5
98	Ambulatory blood pressure and tubulointerstitial injury in patients with IgA nephropathy. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 716-721.	2.9	4
99	Impact of the number of steroid pulses in tonsillectomy combined with steroid pulse therapy: a nationwide retrospective study in Japan. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 19-27.	1.6	4
100	Techniques of orthotopic renal transplantation. II. Size-matched porcine grafts in monkey recipients. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360503.	0.7	4
101	In vivo regeneration of neo-nephrons in rodents by renal progenitor cell transplantation. <i>STAR Protocols</i> , 2021, 2, 100314.	1.2	4
102	Transplantation-Based Gene Therapy for Inflammatory Diseases Focus on Glomerulonephritis. <i>Current Gene Therapy</i> , 2001, 1, 227-235.	2.0	3
103	Stem Cells in Kidney Regeneration. <i>Current Medicinal Chemistry</i> , 2012, 19, 6009-6017.	2.4	3
104	Successful long-term effects of direct renin inhibitor aliskiren in a patient with atherosclerotic renovascular hypertension. <i>CEN Case Reports</i> , 2017, 6, 66-73.	0.9	3
105	Transplantation of Vulnerable Renal Organoids by Use of a Novel Laparoscopic Device in Pigs. <i>Transplantation Direct</i> , 2021, 7, e777.	1.6	3
106	Chronic Kidney Disease Patients Visiting Various Hospital Departments: An Analysis in a Hospital in Central Tokyo, Japan. <i>Journal of Personalized Medicine</i> , 2022, 12, 39.	2.5	3
107	Medication-Na ⁺ -ve Blood Pressure and Incident Cancers: Analysis of 2 Nationwide Population-Based Databases. <i>American Journal of Hypertension</i> , 2022, 35, 731-739.	2.0	3
108	Anti-GBM glomerulonephritis in mice lacking IL-1 ^β -converting enzyme (ICE). <i>Clinical and Experimental Nephrology</i> , 2000, 4, 114-118.	1.6	2

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109	Stem cell sheet therapy: another option for acute kidney injury?. <i>Kidney International</i> , 2021, 99, 22-24.	5.2	2
110	Reduction of lysosomal storage in murine mucopolysaccharidosis type VII by transplantation of normal and genetically modified macrophages. <i>Blood</i> , 2000, 95, 3631-3633.	1.4	2
111	Incorporation of Retinal Arteriolosclerosis into Risk Stratification of Blood Pressure Category According to the 2017 ACC/AHA Blood Pressure Guideline. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 1487-1498.	2.0	2
112	Risk for Proteinuria in Newly Defined Hypertensive People Based on the 2017 American College of Cardiology/American Heart Association Blood Pressure Guideline. <i>American Journal of Cardiology</i> , 2022, 168, 83-89.	1.6	2
113	Gene therapy for glomerulonephritis using bone marrow stem cells. <i>Clinical and Experimental Nephrology</i> , 2002, 6, 190-194.	1.6	1
114	A role of BMP in the development of glomerular sclerosis. <i>Nephrology</i> , 2005, 10, A444-A444.	1.6	1
115	Generation of a Felinized Swine Endothelial Cell Line by Expression of Feline Decay-Accelerating Factor. <i>PLoS ONE</i> , 2015, 10, e0117682.	2.5	1
116	Does bone structure accurately reflect serum FGF23 levels in patients with chronic kidney disease?. <i>Kidney International</i> , 2015, 88, 640.	5.2	1
117	Timing urinary tract reconstruction in rats to avoid hydronephrosis and fibrosis in the transplanted fetal metanephros as assessed using imaging. <i>PLoS ONE</i> , 2021, 16, e0231233.	2.5	1
118	Hyperuricemia as a risk factor for the development of hypertension and chronic kidney disease - An 8year follow-up study -. <i>Gout and Nucleic Acid Metabolism</i> , 2016, 40, 33-46.	0.0	1
119	Tuberculosis of the Chest Wall Mimicking Breast Cancer. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2015, 104, 2571-2575.	0.0	1
120	A Novel Method for Urinary Tract Reconstruction in Transplanted Embryonic Kidneys Using the Hybrid Stent: A Pig Study. <i>Transplantation Direct</i> , 2022, 8, e1293.	1.6	1
121	Heat shock proteins in the kidney. <i>Experimental Nephrology</i> , 1997, 5, 439-44.	0.4	1
122	Corticosteroid therapy modulates the renal histological changes that predict the progression of IgA nephropathy. <i>Nephrology</i> , 1998, 4, A38-A38.	1.6	0
123	The role of osteopontin expression in proximal tubular cells in the long-term prognosis of IgA nephropathy. <i>Nephrology</i> , 2000, 5, A15-A15.	1.6	0
124	Treatment of IgA nephropathy using novel therapeutic strategy: Inflamed site specific gene delivery. <i>Nephrology</i> , 2000, 5, A27-A27.	1.6	0
125	Inflamed site-specific delivery of bone marrow-derived cells carrying IL-1Ra. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 91-93.	0.7	0
126	Use of genetically modified bone marrow-derived vehicle cells to deliver anti-inflammatory cytokines to inflamed interstitium. <i>Nephrology</i> , 2002, 7, A115-A115.	1.6	0

