Raghu Kalluri

List of Publications by Year
in descending order

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278	91,673	910 119	468 278
papers	citations	h-index	g-index

298	298	298	94385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extracellular Vesicles from Pancreatic Cancer Stem Cells Lead an Intratumor Communication Network (EVNet) to fuel tumour progression. Gut, 2022, 71, 2043-2068.	6.1	53
2	Circulating ACE2-expressing extracellular vesicles block broad strains of SARS-CoV-2. Nature Communications, 2022, 13, 405.	5.8	92
3	Phase I study of mesenchymal stem cell (MSC)-derived exosomes with KRAS^{G12D}siRNA in patients with metastatic pancreatic cancer harboring a KRAS^{G12D} mutation.. Journal of Clinical Oncology, 2022, 40, TPS633-TPS633.	0.8	11
4	Dermal Î±SMA ⁺ myofibroblasts orchestrate skin wound repair via Î²1 integrin and independent of type I collagen production. EMBO Journal, 2022, 41, e109470.	3.5	26
5	Identification of Functional Heterogeneity of Carcinoma-Associated Fibroblasts with Distinct IL6-Mediated Therapy Resistance in Pancreatic Cancer. Cancer Discovery, 2022, 12, 1580-1597.	7.7	100
6	Extracellular Vesicles and Their Emerging Roles as Cellular Messengers in Endocrinology: An Endocrine Society Scientific Statement. Endocrine Reviews, 2022, 43, 441-468.	8.9	40
7	Quantification of Phosphonate Drugs by <sup>1</sup Hâ€“<sup>31</sup P HSQC Shows That Rats Are Better Models of Primate Drug Exposure than Mice. Analytical Chemistry, 2022, 94, 10045-10053.	3.2	5
8	Exosomes as mediators of immune regulation and immunotherapy in cancer. FEBS Journal, 2021, 288, 10-35.	2.2	110
9	Effective delivery of STING agonist using exosomes suppresses tumor growth and enhances antitumor immunity. Journal of Biological Chemistry, 2021, 296, 100523.	1.6	42
10	Multifunctional Applications of Engineered Extracellular Vesicles in the Treatment of Cancer. Endocrinology, 2021, 162, .	1.4	16
11	STOX1 deficiency is associated with renin-mediated gestational hypertension and placental defects. JCI Insight, 2021, 6, .	2.3	4
12	Acute Kidney Injury Instigates Malignant Renal Cell Carcinoma via CXCR2 in Mice with Inactivated Trp53 and Pten in Proximal Tubular Kidney Epithelial Cells. Cancer Research, 2021, 81, 2690-2702.	0.4	12
13	Type I collagen deletion in Î±SMA+ myofibroblasts augments immune suppression and accelerates progression of pancreatic cancer. Cancer Cell, 2021, 39, 548-565.e6.	7.7	274
14	Stabilized epithelial phenotype of cancer cells in primary tumors leads to increased colonization of liver metastasis in pancreatic cancer. Cell Reports, 2021, 35, 108990.	2.9	49
15	Therapeutic targeting of STAT3 with small interference RNAs and antisense oligonucleotides embedded exosomes in liver fibrosis. FASEB Journal, 2021, 35, e21557.	0.2	48
16	Promotion of cholangiocarcinoma growth by diverse cancer-associated fibroblast subpopulations. Cancer Cell, 2021, 39, 866-882.e11.	7.7	159
17	Î±SMA+ fibroblasts suppress Lgr5+ cancer stem cells and restrain colorectal cancer progression. Oncogene, 2021, 40, 4440-4452.	2.6	27
18	Quantitative proteomics identifies the core proteome of exosomes with syntenin-1 as the highest abundant protein and a putative universal biomarker. Nature Cell Biology, 2021, 23, 631-641.	4.6	213

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19	Tumor restriction by type I collagen opposes tumor-promoting effects of cancer-associated fibroblasts. Journal of Clinical Investigation, 2021, 131, .	3.9	144
20	Exosome-mediated delivery of CRISPR/Cas9 for targeting of oncogenic Kras^{G12D} in pancreatic cancer. Life Science Alliance, 2021, 4, e202000875.	1.3	75
21	Homozygous MTAP deletion in primary human glioblastoma is not associated with elevation of methylthioadenosine. Nature Communications, 2021, 12, 4228.	5.8	21
22	Clinical and therapeutic relevance of cancer-associated fibroblasts. Nature Reviews Clinical Oncology, 2021, 18, 792-804.	12.5	428
23	Unique somatic variants in DNA from urine exosomes of individuals with bladder cancer. Molecular Therapy - Methods and Clinical Development, 2021, 22, 360-376.	1.8	10
24	Type-I collagen produced by distinct fibroblast lineages reveals specific function during embryogenesis and Osteogenesis Imperfecta. Nature Communications, 2021, 12, 7199.	5.8	46
25	Emerging role of bacterial extracellular vesicles in cancer. Oncogene, 2020, 39, 6951-6960.	2.6	91
26	Epigenetic Reprogramming of Cancer-Associated Fibroblasts Deregulates Glucose Metabolism and Facilitates Progression of Breast Cancer. Cell Reports, 2020, 31, 107701.	2.9	149
27	Stromal Cells Exhibit Prevalent Genetic Aberrations in Colorectal Cancer. Cancer Cell, 2020, 38, 774-775.	7.7	4
28	Enacting national social distancing policies corresponds with dramatic reduction in COVID19 infection rates. PLoS ONE, 2020, 15, e0236619.	1.1	109
29	Biology and therapeutic potential of mesenchymal stem cellâ€derived exosomes. Cancer Science, 2020, 111, 3100-3110.	1.7	130
30	Protection against SARS-CoV-2 by BCG vaccination is not supported by epidemiological analyses. Scientific Reports, 2020, 10, 18377.	1.6	58
31	Exosomes as a Multicomponent Biomarker Platform in Cancer. Trends in Cancer, 2020, 6, 767-774.	3.8	175
32	Endothelial-to-mesenchymal transition compromises vascular integrity to induce Myc-mediated metabolic reprogramming in kidney fibrosis. Science Signaling, 2020, 13, .	1.6	59
33	Isaiah Joshua (â€˜Joshâ€™) Fidler 1936â€“2020. Nature Cancer, 2020, 1, 573-574.	5.7	0
34	The biology , function , and biomedical applications of exosomes. Science, 2020, 367, .	6.0	4,742
35	Placental Growth Factor and the Risk of Adverse Neonatal and Maternal Outcomes. Obstetrics and Gynecology, 2020, 135, 665-673.	1.2	17
36	B cells and tertiary lymphoid structures promote immunotherapy response. Nature, 2020, 577, 549-555.	13.7	1,421

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37	Tumor Microenvironment Remodeling Enables Bypass of Oncogenic KRAS Dependency in Pancreatic Cancer. Cancer Discovery, 2020, 10, 1058-1077.	7.7	87
38	Guidelines and definitions for research on epithelialâ€“mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
39	Heterogeneous antibodies against SARS-CoV-2 spike receptor binding domain and nucleocapsid with implications for COVID-19 immunity. JCI Insight, 2020, 5, .	2.3	130
40	Deconstructing tumor heterogeneity: the stromal perspective. Oncotarget, 2020, 11, 3621-3632.	0.8	29
41	Human Î±1 type IV collagen NC1 domain exhibits distinct antiangiogenic activity mediated by Î±1Î²1 integrin. Journal of Clinical Investigation, 2020, 130, 552-552.	3.9	1
42	A map of human breast cancer: new players in stromalâ€immune crosstalk. EMBO Journal, 2020, 39, e106368.	3.5	2
43	Mitochondrial protein enriched extracellular vesicles discovered in human melanoma tissues can be detected in patient plasma. Journal of Extracellular Vesicles, 2019, 8, 1635420.	5.5	104
44	Systems Biology of Cancer Metastasis. Cell Systems, 2019, 9, 109-127.	2.9	233
45	SIRT1 Regulates Lysosome Function and Exosome Secretion. Developmental Cell, 2019, 49, 302-303.	3.1	24
46	Nischarin Regulates Secretion of Exosomes and Cancer Progression. Cancer Research, 2019, 79, 2099-2101.	0.4	6
47	Exosomes Exercise Inhibition of Anti-Tumor Immunity during Chemotherapy. Immunity, 2019, 50, 547-549.	6.6	22
48	Mechanisms associated with biogenesis of exosomes in cancer. Molecular Cancer, 2019, 18, 52.	7.9	251
49	A peek into cancer-associated fibroblasts: origins, functions and translational impact. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	400
50	Depletion of S100A4+ stromal cells does not prevent HCC development but reduces the stem cell-like phenotype of the tumors. Experimental and Molecular Medicine, 2018, 50, e422-e422.	3.2	18
51	The emerging roles of exosomes in the modulation of immune responses in cancer. Genome Medicine, 2018, 10, 23.	3.6	81
52	Fatty Acid Oxidation Regulates the Activation of Endothelial-to-Mesenchymal Transition. Trends in Molecular Medicine, 2018, 24, 432-434.	3.5	22
53	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. OncoImmunology, 2018, 7, e1412909.	2.1	247
54	Generation and testing of clinical-grade exosomes for pancreatic cancer. JCI Insight, 2018, 3, .	2.3	520

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55	Loss of placental growth factor ameliorates maternal hypertension and preeclampsia in mice. Journal of Clinical Investigation, 2018, 128, 5008-5017.	3.9	42
56	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
57	Podoplanin+ tumor lymphatics are rate limiting for breast cancer metastasis. PLoS Biology, 2018, 16, e2005907.	2.6	17
58	High-fidelity CRISPR/Cas9- based gene-specific hydroxymethylation rescues gene expression and attenuates renal fibrosis. Nature Communications, 2018, 9, 3509.	5.8	88
59	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	3.7	429
60	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. Journal of Extracellular Vesicles, 2018, 7, 1473707.	5.5	60
61	BMP7 Signaling in TGFBR2-Deficient Stromal Cells Provokes Epithelial Carcinogenesis. Molecular Cancer Research, 2018, 16, 1568-1578.	1.5	7
62	Dual reporter genetic mouse models of pancreatic cancer identify an epithelialâ€toâ€mesenchymal transitionâ€independent metastasis program. EMBO Molecular Medicine, 2018, 10, .	3.3	61
63	Pharmacological induction of hypoxia-inducible transcription factor ARNT attenuates chronic kidney failure. Journal of Clinical Investigation, 2018, 128, 3053-3070.	3.9	21
64	Detection of mutant KRAS and TP53 DNA in circulating exosomes from healthy individuals and patients with pancreatic cancer. Cancer Biology and Therapy, 2017, 18, 158-165.	1.5	190
65	Spatial computation of intratumoral T cells correlates with survival of patients with pancreatic cancer. Nature Communications, 2017, 8, 15095.	5.8	432
66	An evolving function of DNA-containing exosomes in chemotherapy-induced immune response. Cell Research, 2017, 27, 722-723.	5.7	12
67	Morphologically constrained spectral unmixing by dictionary learning for multiplex fluorescence microscopy. Bioinformatics, 2017, 33, 2182-2190.	1.8	11
68	Exosomes facilitate therapeutic targeting of oncogenic KRAS in pancreatic cancer. Nature, 2017, 546, 498-503.	13.7	1,731
69	Exosomes from Glioma-Associated Mesenchymal Stem Cells Increase the Tumorigenicity of Glioma Stem-like Cells via Transfer of miR-1587. Cancer Research, 2017, 77, 5808-5819.	0.4	169
70	Development of Aggressive Pancreatic Ductal Adenocarcinomas Depends on Granulocyte Colony Stimulating Factor Secretion in Carcinoma Cells. Cancer Immunology Research, 2017, 5, 718-729.	1.6	41
71	Low-dose hydralazine prevents fibrosis in a murine model of acute kidney injuryâ€“toâ€“chronic kidney disease progression. Kidney International, 2017, 91, 157-176.	2.6	83
72	The biology and function of exosomes in cancer. Journal of Clinical Investigation, 2016, 126, 1208-1215.	3.9	1,366

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73	Partial Epithelial-to-Mesenchymal Transition and Other New Mechanisms of Kidney Fibrosis. Trends in Endocrinology and Metabolism, 2016, 27, 681-695.	3.1	187
74	Discovery of Double-Stranded Genomic DNA in Circulating Exosomes. Cold Spring Harbor Symposia on Quantitative Biology, 2016, 81, 275-280.	2.0	144
75	Genotype tunes pancreatic ductal adenocarcinoma tissue tension to induce matricellular fibrosis and tumor progression. Nature Medicine, 2016, 22, 497-505.	15.2	456
76	The biology and function of fibroblasts in cancer. Nature Reviews Cancer, 2016, 16, 582-598.	12.8	2,886
77	Targeting Vascular Pericytes in Hypoxic Tumors Increases Lung Metastasis via Angiopoietin-2. Cell Reports, 2015, 10, 1066-1081.	2.9	132
78	Induction of Tet3-dependent Epigenetic Remodeling by Low-dose Hydralazine Attenuates Progression of Chronic Kidney Disease. EBioMedicine, 2015, 2, 19-36.	2.7	56
79	Epigenetic balance of aberrant Rasal1 promoter methylation and hydroxymethylation regulates cardiac fibrosis. Cardiovascular Research, 2015, 105, 279-291.	1.8	101
80	Endocardial Fibroelastosis Is Caused by Aberrant Endothelial to Mesenchymal Transition. Circulation Research, 2015, 116, 857-866.	2.0	98
81	Epithelial-to-mesenchymal transition induces cell cycle arrest and parenchymal damage in renal fibrosis. Nature Medicine, 2015, 21, 998-1009.	15.2	736
82	Glypican-1 identifies cancer exosomes and detects early pancreatic cancer. Nature, 2015, 523, 177-182.	13.7	2,240
83	Genome-wide profiling of p53-regulated enhancer RNAs uncovers a subset of enhancers controlled by a lncRNA. Nature Communications, 2015, 6, 6520.	5.8	149
84	miR-21 Inhibition Reduces Liver Fibrosis and Prevents Tumor Development by Inducing Apoptosis of CD24+ Progenitor Cells. Cancer Research, 2015, 75, 1859-1867.	0.4	83
85	Physiology of the Renal Interstitium. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1831-1840.	2.2	85
86	Mass Spectrometry and Antibody-Based Characterization of Blood Vessels from Brachylophosaurus canadensis. Journal of Proteome Research, 2015, 14, 5252-5262.	1.8	59
87	Epithelial-to-mesenchymal transition is dispensable for metastasis but induces chemoresistance in pancreatic cancer. Nature, 2015, 527, 525-530.	13.7	1,725
88	Specific Activation of K-RasG12D Allele in the Bladder Urothelium Results in Lung Alveolar and Vascular Defects. PLoS ONE, 2014, 9, e95888.	1.1	4
89	Identification of Double-stranded Genomic DNA Spanning All Chromosomes with Mutated KRAS and p53 DNA in the Serum Exosomes of Patients with Pancreatic Cancer. Journal of Biological Chemistry, 2014, 289, 3869-3875.	1.6	826
90	Cancer Exosomes Perform Cell-Independent MicroRNA Biogenesis and Promote Tumorigenesis. Cancer Cell, 2014, 26, 707-721.	7.7	1,293

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91	Increased concentration of circulating angiogenesis and nitric oxide inhibitors induces endothelial to mesenchymal transition and myocardial fibrosis in patients with chronic kidney disease. International Journal of Cardiology, 2014, 176, 99-109.	0.8	87
92	Cell plasticity helps hearts to repair. Nature, 2014, 514, 575-576.	13.7	8
93	Tet3-Mediated Hydroxymethylation of Epigenetically Silenced Genes Contributes to Bone Morphogenic Protein 7-Induced Reversal of Kidney Fibrosis. Journal of the American Society of Nephrology: JASN, 2014, 25, 905-912.	3.0	104
94	PGC-1Î± mediates mitochondrial biogenesis and oxidative phosphorylation in cancer cells to promoteÂmetastasis. Nature Cell Biology, 2014, 16, 992-1003.	4.6	1,073
95	Thrombospondin-1 Deficiency Causes a Shift from Fibroproliferative to Inflammatory Kidney Disease and Delays Onset of Renal Failure. American Journal of Pathology, 2014, 184, 2687-2698.	1.9	21
96	Depletion of Carcinoma-Associated Fibroblasts and Fibrosis Induces Immunosuppression and Accelerates Pancreas Cancer with Reduced Survival. Cancer Cell, 2014, 25, 719-734.	7.7	1,892
97	Microenvironment-dependent cues trigger miRNA-regulated feedback loop to facilitate the EMT/MET switch. Journal of Clinical Investigation, 2014, 124, 1458-1460.	3.9	27
98	Reply to Regarding the mechanism of action of a proposed peptide agonist of the bone morphogenetic protein receptor activin-like kinase 3. Nature Medicine, 2013, 19, 810-811.	15.2	3
99	eRNAs Are Required for p53-Dependent Enhancer Activity and Gene Transcription. Molecular Cell, 2013, 49, 524-535.	4.5	484
100	TGF-Î²1â€“Containing Exosomes from Injured Epithelial Cells Activate Fibroblasts to Initiate Tissue Regenerative Responses and Fibrosis. Journal of the American Society of Nephrology: JASN, 2013, 24, 385-392.	3.0	340
101	Cellular Mechanisms of Tissue Fibrosis. 1. Common and organ-specific mechanisms associated with tissue fibrosis. American Journal of Physiology - Cell Physiology, 2013, 304, C216-C225.	2.1	384
102	Identification of human epididymis protein-4 as a fibroblast-derived mediator of fibrosis. Nature Medicine, 2013, 19, 227-231.	15.2	176
103	Loss of Î²1â€integrin from urothelium results in overactive bladder and incontinence in mice: a mechanosensory rather than structural phenotype. FASEB Journal, 2013, 27, 1950-1961.	0.2	37
104	miR-29b moulds the tumour microenvironment to repress metastasis. Nature Cell Biology, 2013, 15, 139-140.	4.6	45
105	Origin and function of myofibroblasts in kidney fibrosis. Nature Medicine, 2013, 19, 1047-1053.	15.2	1,055
106	Exosomes in tumor microenvironment influence cancer progression and metastasis. Journal of Molecular Medicine, 2013, 91, 431-437.	1.7	701
107	Type XVIII collagen is essential for survival during acute liver injury in mice. DMM Disease Models and Mechanisms, 2013, 6, 942-51.	1.2	25
108	The Kielin/Chordin-Like Protein Checkpoint Constitutes a System of Checks and Balances in CKD. Journal of the American Society of Nephrology: JASN, 2013, 24, 863.2-865.	3.0	2

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109	Matrix metalloproteinase-9 deficiency phenocopies features of preeclampsia and intrauterine growth restriction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11109-11114.	3.3	142
110	miR-21 Promotes Fibrogenic Epithelial-to-Mesenchymal Transition of Epicardial Mesothelial Cells Involving Programmed Cell Death 4 and Sprouty-1. PLoS ONE, 2013, 8, e56280.	1.1	83
111	The VEGF Pathway in Cancer and Disease: Responses, Resistance, and the Path Forward. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006593-a006593.	2.9	165
112	Penetration of Endothelial Cell Coated Multicellular Tumor Spheroids by Iron Oxide Nanoparticles. Theranostics, 2012, 2, 66-75.	4.6	45
113	Angiogenesis is controlled by miR-27b associated with endothelial tip cells. Blood, 2012, 119, 2439-2440.	0.6	18
114	Endothelialâ€“mesenchymal transition and its contribution to the emergence of stem cell phenotype. Seminars in Cancer Biology, 2012, 22, 379-384.	4.3	190
115	Molecular Pathways: MicroRNAs as Cancer Therapeutics. Clinical Cancer Research, 2012, 18, 4234-4239.	3.2	62
116	Inhibitory Effects of Robo2 on Nephrin: A Crosstalk between Positive and Negative Signals Regulating Podocyte Structure. Cell Reports, 2012, 2, 52-61.	2.9	53
117	Cardiac Fibrosis. , 2012, , 389-404.		4
118	Activin-like kinase 3 is important for kidney regeneration and reversal of fibrosis. Nature Medicine, 2012, 18, 396-404.	15.2	208
119	Pericyte Depletion Results in Hypoxia-Associated Epithelial-to-Mesenchymal Transition and Metastasis Mediated by Met Signaling Pathway. Cancer Cell, 2012, 21, 66-81.	7.7	447
120	Conditional deletion of Î²1â€integrin from urothelium results in bladder dysfunction and abnormal voiding. FASEB Journal, 2012, 26, .	0.2	0
121	The Role of Stromal Myofibroblast and Extracellular Matrix in Tumor Angiogenesis. Genes and Cancer, 2011, 2, 1139-1145.	0.6	100
122	The Multifaceted Role of Cancer Associated Fibroblasts in Tumor Progression. , 2011, , 361-380.		1
123	Blockade of PDGF receptor signaling reduces myofibroblast number and attenuates renal fibrosis. Kidney International, 2011, 80, 1119-1121.	2.6	32
124	RhoB Loss Prevents Streptozotocin-Induced Diabetes and Ameliorates Diabetic Complications in Mice. American Journal of Pathology, 2011, 178, 245-252.	1.9	14
125	Deletion of Smad4 in fibroblasts leads to defective chondrocyte maturation and cartilage production in a TGFÎ² type II receptor independent manner. Biochemical and Biophysical Research Communications, 2011, 407, 633-639.	1.0	9
126	Small molecule enoxacin is a cancer-specific growth inhibitor that acts by enhancing TAR RNA-binding protein 2-mediated microRNA processing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4394-4399.	3.3	222

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127	Waking up dormant tumors. Breast Cancer Research, 2011, 13, 310.	2.2	7
128	Circulating Endoglin Concentration Is Not Elevated in Chronic Kidney Disease. PLoS ONE, 2011, 6, e23718.	1.1	6
129	Exploiting Cancer Cell Vulnerabilities to Develop a Combination Therapy for Ras-Driven Tumors. Cancer Cell, 2011, 20, 400-413.	7.7	231
130	Transforming growth factor-Î²2 promotes Snail-mediated endothelialâ€“mesenchymal transition through convergence of Smad-dependent and Smad-independent signalling. Biochemical Journal, 2011, 437, 515-520.	1.7	260
131	Counterbalancing angiogenic regulatory factors control the rate of cancer progression and survival in a stage-specific manner. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9939-9944.	3.3	48
132	Loss of p53 and Acquisition of Angiogenic MicroRNA Profile Are Insufficient to Facilitate Progression of Bladder Urothelial Carcinoma in Situ to Invasive Carcinoma. Journal of Biological Chemistry, 2011, 286, 20778-20787.	1.6	55
133	VEGF-A and Tenascin-C produced by S100A4 ⁺ stromal cells are important for metastatic colonization. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16002-16007.	3.3	295
134	Dinosaur Peptides Suggest Mechanisms of Protein Survival. PLoS ONE, 2011, 6, e20381.	1.1	39
135	NF-ÎºBâ€“induced chromatin remodeling regulates angiogenesis. Blood, 2010, 116, 312-313.	0.6	3
136	The origin of fibroblasts and mechanism of cardiac fibrosis. Journal of Cellular Physiology, 2010, 225, 631-637.	2.0	509
137	Interstitial fluid: the overlooked component of the tumor microenvironment?. Fibrogenesis and Tissue Repair, 2010, 3, 12.	3.4	96
138	Conversion of vascular endothelial cells into multipotent stem-like cells. Nature Medicine, 2010, 16, 1400-1406.	15.2	635
139	The basics of epithelial-mesenchymal transition. Journal of Clinical Investigation, 2010, 120, 1786-1786.	3.9	68
140	The Role of the Microenvironment in Mammary Gland Development and Cancer. Cold Spring Harbor Perspectives in Biology, 2010, 2, a003244-a003244.	2.3	234
141	Identification of the NC1 Domain of Î±3 Chain as Critical for Î±3Î±4Î±5 Type IV Collagen Network Assembly. Journal of Biological Chemistry, 2010, 285, 41874-41885.	1.6	20
142	Lack of Collagen XVIII/Endostatin Exacerbates Immune-Mediated Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2010, 21, 1445-1455.	3.0	36
143	Origins of Cardiac Fibroblasts. Circulation Research, 2010, 107, 1304-1312.	2.0	202
144	Identification of Epithelial to Mesenchymal Transition as a Novel Source of Fibroblasts in Intestinal Fibrosis. Journal of Biological Chemistry, 2010, 285, 20202-20212.	1.6	234

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145	Idiopathic Pulmonary Fibrosis Is Associated With Endothelial To Mesenchymal Transition. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 129-130.	1.4	30
146	Preeclampsia. American Journal of Pathology, 2010, 176, 710-720.	1.9	79
147	Interaction between the extracellular matrix and lymphatics: Consequences for lymphangiogenesis and lymphatic function. Matrix Biology, 2010, 29, 645-656.	1.5	68
148	Pre-eclampsia: connecting angiogenic and metabolic pathways. Trends in Endocrinology and Metabolism, 2010, 21, 529-536.	3.1	73
149	Renal studies provide an insight into cardiac extracellular matrix remodeling during health and disease. Journal of Molecular and Cellular Cardiology, 2010, 48, 497-503.	0.9	10
150	Methylation determines fibroblast activation and fibrogenesis in the kidney. Nature Medicine, 2010, 16, 544-550.	15.2	537
151	Mechanistic connection between inflammation and fibrosis. Kidney International, 2010, 78, S22-S26.	2.6	238
152	Origins of Cardiac Fibroblasts. Circulation Research, 2010, 107, 1304-1312.	2.0	9
153	Anti-glomerular Basement Disease: Goodpastureâ€™s Syndrome. , 2010, , 275-292.		0
154	Parstatin, a Novel Protease-Activated Receptor 1-Derived Inhibitor of Angiogenesis. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2009, 9, 168-170.	3.4	11
155	A role for nephrin, a renal protein, in vertebrate skeletal muscle cell fusion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9274-9279.	3.3	90
156	VEGF-A Induces Angiogenesis by Perturbing the Cathepsin-Cysteine Protease Inhibitor Balance in Venules, Causing Basement Membrane Degradation and Mother Vessel Formation. Cancer Research, 2009, 69, 4537-4544.	0.4	110
157	Stem Cell Therapies Benefit Alport Syndrome. Journal of the American Society of Nephrology: JASN, 2009, 20, 2359-2370.	3.0	58
158	Circulating TGF-Î²1 as a reliable biomarker for chronic kidney disease progression in the African-American population. Kidney International, 2009, 76, 10-12.	2.6	23
159	Drug resistance associated with antiangiogenesis therapy. Seminars in Cancer Biology, 2009, 19, 310-317.	4.3	53
160	Tumor stroma derived biomarkers in cancer. Cancer and Metastasis Reviews, 2009, 28, 177-183.	2.7	125
161	Possible mechanisms of kidney repair. Fibrogenesis and Tissue Repair, 2009, 2, 3.	3.4	28
162	Contribution of bone microenvironment to leukemogenesis and leukemia progression. Leukemia, 2009, 23, 2233-2241.	3.3	238

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163	Biomolecular Characterization and Protein Sequences of the Campanian Hadrosaur B. canadensis. Science, 2009, 324, 626-631.	6.0	212
164	EMT: When epithelial cells decide to become mesenchymal-like cells. Journal of Clinical Investigation, 2009, 119, 1417-1419.	3.9	792
165	The biology of preeclampsia. Kidney International, 2009, 76, 831-837.	2.6	135
166	Endothelialâ€“Mesenchymal Transition as a Novel Mechanism for Generating Myofibroblasts during Diabetic Nephropathy. American Journal of Pathology, 2009, 175, 1371-1373.	1.9	85
167	The basics of epithelial-mesenchymal transition. Journal of Clinical Investigation, 2009, 119, 1420-1428.	3.9	8,252
168	Type IV collagen Î±6 chainâ€derived noncollagenous domain 1 (Î±6(IV)NC1) inhibits angiogenesis and tumor growth. International Journal of Cancer, 2008, 122, 1738-1744.	2.3	38
169	Reversal of experimental renal fibrosis by BMP7 provides insights into novel therapeutic strategies for chronic kidney disease. Pediatric Nephrology, 2008, 23, 1395-1398.	0.9	81
170	Î²1 integrin expression on endothelial cells is required for angiogenesis but not for vasculogenesis. Developmental Dynamics, 2008, 237, 75-82.	0.8	75
171	Identification of amino acids essential for the antiangiogenic activity of tumstatin and its use in combination antitumor activity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15040-15045.	3.3	69
172	Lymphocytes are dispensable for glomerulonephritis but required for renal interstitial fibrosis in matrix defect-induced Alport renal disease. Laboratory Investigation, 2008, 88, 284-292.	1.7	41
173	Deficiency in catechol-O-methyltransferase and 2-methoxyoestradiol is associated with pre-eclampsia. Nature, 2008, 453, 1117-1121.	13.7	348
174	Modification of kidney barrier function by the urokinase receptor. Nature Medicine, 2008, 14, 55-63.	15.2	501
175	Characterization of the anti-angiogenic properties of arresten, an Î±1Î²1 integrin-dependent collagen-derived tumor suppressor. Experimental Cell Research, 2008, 314, 3292-3305.	1.2	80
176	Integrin Î²1-mediated matrix assembly and signaling are critical for the normal development and function of the kidney glomerulus. Developmental Biology, 2008, 313, 584-593.	0.9	115
177	Targeting TGF-Î² and the Extracellular Matrix in Marfan's Syndrome. Developmental Cell, 2008, 15, 1-2.	3.1	29
178	Generic block on angiogenesis. Nature, 2008, 452, 543-545.	13.7	14
179	Fibroblasts in Kidney Fibrosis Emerge via Endothelial-to-Mesenchymal Transition. Journal of the American Society of Nephrology: JASN, 2008, 19, 2282-2287.	3.0	763
180	Basement Membrane Derived Fibulin-1 and Fibulin-5 Function as Angiogenesis Inhibitors and Suppress Tumor Growth. Experimental Biology and Medicine, 2008, 233, 155-162.	1.1	56

#	Article	IF	Citations
181	Stem Cellâ€“Based Therapy for Glomerular Diseases. Journal of the American Society of Nephrology: JASN, 2008, 19, 1621-1623.	3.0	6
182	Chapter 1 Molecular Mechanism of Type IV Collagenâ€“Derived Endogenous Inhibitors of Angiogenesis. Methods in Enzymology, 2008, 444, 1-19.	0.4	11
183	Fibroblasts emerge via epithelial-mesenchymal transition in chronic kidney fibrosis. Frontiers in Bioscience - Landmark, 2008, Volume, 6991.	3.0	93
184	Tumor microenvironment and angiogenesis. Frontiers in Bioscience - Landmark, 2008, Volume, 6537.	3.0	163
185	Endogenous Inhibitors of Angiogenesis. , 2008, , 215-231.		7
186	Basement Membrane Derived Inhibitors of Angiogenesis. , 2008, , 121-127.		0
187	Renal Fibrosis and Glomerulosclerosis in a New Mouse Model of Diabetic Nephropathy and Its Regression by Bone Morphogenic Protein-7 and Advanced Glycation End Product Inhibitors. Diabetes, 2007, 56, 1825-1833.	0.3	197
188	Î±-Actinin-4 Is Required for Normal Podocyte Adhesion. Journal of Biological Chemistry, 2007, 282, 467-477.	1.6	114
189	BMPâ€7 functions as a novel hormone to facilitate liver regeneration. FASEB Journal, 2007, 21, 256-264.	0.2	109
190	Glomerular expression of nephrin and synaptopodin, but not podocin, is decreased in kidney sections from women with preeclampsia. Nephrology Dialysis Transplantation, 2007, 22, 1136-1143.	0.4	128
191	Discovery of Endothelial to Mesenchymal Transition as a Source for Carcinoma-Associated Fibroblasts. Cancer Research, 2007, 67, 10123-10128.	0.4	806
192	Fibroblasts Derive from Hepatocytes in Liver Fibrosis via Epithelial to Mesenchymal Transition. Journal of Biological Chemistry, 2007, 282, 23337-23347.	1.6	705
193	Type IV collagen-derived angiogenesis inhibitors. Microvascular Research, 2007, 74, 85-89.	1.1	167
194	Î±vÎ²6 Integrin Regulates Renal Fibrosis and Inflammation in Alport Mouse. American Journal of Pathology, 2007, 170, 110-125.	1.9	175
195	Structure and Function of Basement Membranes. Experimental Biology and Medicine, 2007, 232, 1121-1129.	1.1	479
196	Mechanisms of metastasis: Epithelial-to-mesenchymal transition and contribution of tumor microenvironment. Journal of Cellular Biochemistry, 2007, 101, 816-829.	1.2	306
197	Endothelial-to-mesenchymal transition contributes to cardiac fibrosis. Nature Medicine, 2007, 13, 952-961.	15.2	1,862
198	Transcriptional regulation of epithelial-mesenchymal transition. Journal of Clinical Investigation, 2007, 117, 304-306.	3.9	42

#	Article	IF	Citations
199	The Role of Type IV Collagen and Basement Membranes in Cancer Progression and Metastasis. American Journal of Pathology, 2006, 168, 715-717.	1.9	103
200	Molecular and Genetic Basis of Alport Syndrome. , 2006, , 151-171.		0
201	Zebrafish to humans: evolution of the Â3-chain of type IV collagen and emergence of the autoimmune epitopes associated with Goodpasture syndrome. Blood, 2006, 107, 1908-1915.	0.6	30
202	Controlling angiogenesis in heart valves. Nature Medicine, 2006, 12, 1118-1119.	15.2	14
203	Fibroblasts in cancer. Nature Reviews Cancer, 2006, 6, 392-401.	12.8	3,978
204	The epithelialâ€“mesenchymal transition: new insights in signaling, development, and disease. Journal of Cell Biology, 2006, 172, 973-981.	2.3	1,819
205	De-differentiation of primary human hepatocytes depends on the composition of specialized liver basement membrane. Molecular and Cellular Biochemistry, 2006, 283, 181-189.	1.4	64
206	Identification of fibroblast heterogeneity in the tumor microenvironment. Cancer Biology and Therapy, 2006, 5, 1640-1646.	1.5	603
207	Cathepsin S Controls Angiogenesis and Tumor Growth via Matrix-derived Angiogenic Factors. Journal of Biological Chemistry, 2006, 281, 6020-6029.	1.6	229
208	Bone-marrow-derived stem cells repair basement membrane collagen defects and reverse genetic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7321-7326.	3.3	229
209	Chronic Bile Duct Injury Associated with Fibrotic Matrix Microenvironment Provokes Cholangiocarcinoma in p53-Deficient Mice. Cancer Research, 2006, 66, 6622-6627.	0.4	86
210	Stage-Specific Action of Matrix Metalloproteinases Influences Progressive Hereditary Kidney Disease. PLoS Medicine, 2006, 3, e100.	3.9	134
211	Experimental Models to Study the Origin and Role of Myofibroblasts in Renal Fibrosis. , 2006, , 47-52.		0
212	Bifunctional promoter of typeÂIV collagen COL4A5 and COL4A6 genes regulates the expression of Î±5 and Î±6 chains in a distinct cell-specific fashion. Biochemical Journal, 2005, 387, 755-761.	1.7	30
213	Reduced DNA gap repair in aging rat neuronal extracts and its restoration by DNA polymerase beta and DNA-ligase. Journal of Neurochemistry, 2005, 92, 818-823.	2.1	52
214	TRPC6 is a glomerular slit diaphragm-associated channel required for normal renal function. Nature Genetics, 2005, 37, 739-744.	9.4	747
215	An unusual case of pulmonary-renal syndrome associated with defects in type IV collagen composition and anti-glomerular basement membrane autoantibodies. American Journal of Kidney Diseases, 2005, 45, 743-748.	2.1	9
216	Recapitulation of kidney development paradigms by BMP-7 reverses chronic renal injury. Clinical and Experimental Nephrology, 2005, 9, 100-101.	0.7	11

#	Article	IF	Citations
217	Cellular and Molecular Pathways that Lead to Progression and Regression of Renal Fibrogenesis. Current Molecular Medicine, 2005, 5, 467-474.	0.6	69
218	Distribution of Type IV Collagen in the Cochlea in Alport Syndrome. JAMA Otolaryngology, 2005, 131, 1007.	1.5	56
219	Function of endogenous inhibitors of angiogenesis as endothelium-specific tumor suppressors. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2934-2939.	3.3	170
220	Endogenous Inhibitors of Angiogenesis. Cancer Research, 2005, 65, 3967-3979.	0.4	499
221	Nasal Administration of Recombinant Rat Î±3(IV)NC1 Prevents the Development of Experimental Autoimmune Glomerulonephritis in the WKY Rat. Journal of the American Society of Nephrology: JASN, 2005, 16, 1350-1359.	3.0	40
222	Bone Morphogenic Protein-7 Induces Mesenchymal to Epithelial Transition in Adult Renal Fibroblasts and Facilitates Regeneration of Injured Kidney. Journal of Biological Chemistry, 2005, 280, 8094-8100.	1.6	269
223	Animal Models of Renal Fibrosis. , 2005, 117, 261-272.		17
224	Tumstatin, the NC1 domain of Î±3 chain of type IV collagen, is an endogenous inhibitor of pathological angiogenesis and suppresses tumor growth. Biochemical and Biophysical Research Communications, 2005, 333, 292-298.	1.0	104
225	Endogenous Stimulators and Inhibitors of Angiogenesis in Gastrointestinal Cancers: Basic Science to Clinical Application. Gastroenterology, 2005, 129, 2076-2091.	0.6	34
226	Human Â1 type IV collagen NC1 domain exhibits distinct antiangiogenic activity mediated by Â1Â1 integrin. Journal of Clinical Investigation, 2005, 115, 2801-2810.	3.9	145
227	A domain-specific usherin/collagen IV interaction may be required for stable integration into the basement membrane superstructure. Journal of Cell Science, 2004, 117, 233-242.	1.2	46
228	Experimental Strategies to Reverse Chronic Renal Disease. Blood Purification, 2004, 22, 440-445.	0.9	14
229	Are there endogenous molecules that protect kidneys from injury? The case for bone morphogenic protein-7 (BMP-7). Nephrology Dialysis Transplantation, 2004, 19, 759-761.	0.4	34
230	Selective impairment of gene expression and assembly of nephrin in human diabetic nephropathy. Kidney International, 2004, 65, 2193-2200.	2.6	112
231	The contribution of vascular basement membranes and extracellular matrix to the mechanics of tumor angiogenesis. Apmis, 2004, 112, 450-462.	0.9	66
232	The role of epithelial-to-mesenchymal transition in renal fibrosis. Journal of Molecular Medicine, 2004, 82, 175-181.	1.7	436
233	Thrombospondin-1 Associated with Tumor Microenvironment Contributes to Low-Dose Cyclophosphamide-Mediated Endothelial Cell Apoptosis and Tumor Growth Suppression. Cancer Research, 2004, 64, 1570-1574.	0.4	175
234	Cancer without disease. Nature, 2004, 427, 787-787.	13.7	450

#	Article	IF	Citations
235	Induction of B7-1 in podocytes is associated with nephrotic syndrome. Journal of Clinical Investigation, 2004, 113, 1390-1397.	3.9	495
236	Physiological levels of tumstatin, a fragment of collagen IV Î±3 chain, are generated by MMP-9 proteolysis and suppress angiogenesis via Î±VÎ²3 integrin. Cancer Cell, 2003, 3, 589-601.	7.7	522
237	Regulation by CD25+ lymphocytes of autoantigen-specific T-cell responses in Goodpasture's (anti-GBM) disease. Kidney International, 2003, 64, 1685-1694.	2.6	102
238	BMP-7 counteracts TGF-Î²1â€“induced epithelial-to-mesenchymal transition and reverses chronic renal injury. Nature Medicine, 2003, 9, 964-968.	15.2	1,260
239	Basement membranes: structure, assembly and role in tumour angiogenesis. Nature Reviews Cancer, 2003, 3, 422-433.	12.8	1,496
240	Liver fibrosis: Insights into migration of hepatic stellate cells in response to extracellular matrix and growth factors. Gastroenterology, 2003, 124, 147-159.	0.6	243
241	Neutralization of Circulating Vascular Endothelial Growth Factor (VEGF) by Anti-VEGF Antibodies and Soluble VEGF Receptor 1 (sFlt-1) Induces Proteinuria. Journal of Biological Chemistry, 2003, 278, 12605-12608.	1.6	472
242	Antiglomerular basement membrane autoantibodies are nonpathogenic in Wegener's granulomatosis. American Journal of Medicine, 2003, 115, 414-415.	0.6	5
243	Human tumstatin and human endostatin exhibit distinct antiangiogenic activities mediated by ÂvÂ3 and Â5Â1 integrins. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4766-4771.	3.3	470
244	Epithelial-mesenchymal transition and its implications for fibrosis. Journal of Clinical Investigation, 2003, 112, 1776-1784.	3.9	1,937
245	The importance of cellâ€mediated immunity in the course and severity of autoimmune antiâ€glomerular basement membrane disease in mice. FASEB Journal, 2003, 17, 860-868.	0.2	69
246	Bone morphogenic protein-7 inhibits progression of chronic renal fibrosis associated with two genetic mouse models. American Journal of Physiology - Renal Physiology, 2003, 285, F1060-F1067.	1.3	280
247	Targeted Downregulation of Extracellular Nephrin in Human IgA Nephropathy. American Journal of Nephrology, 2003, 23, 277-286.	1.4	41
248	Relaxin increases ubiquitin-dependent degradation of fibronectin in vitro and ameliorates renal fibrosis in vivo. American Journal of Physiology - Renal Physiology, 2003, 285, F59-F67.	1.3	58
249	Mice deficient in Î±-actinin-4 have severe glomerular disease. Journal of Clinical Investigation, 2003, 111, 1683-1690.	3.9	210
250	Epithelial-mesenchymal transition and its implications for fibrosis. Journal of Clinical Investigation, 2003, 112, 1776-1784.	3.9	1,367
251	Integrin alpha1beta1 and alpha2beta1 are the key regulators of hepatocarcinoma cell invasion across the fibrotic matrix microenvironment. Cancer Research, 2003, 63, 8312-7.	0.4	105
252	Determinants of Vascular Permeability in the Kidney Glomerulus. Journal of Biological Chemistry, 2002, 277, 31154-31162.	1.6	108

#	Article	IF	Citations
253	A Mutant Form of the Wilmsâ€™ Tumor Suppressor Gene WT1 Observed in Denys-Drash Syndrome Interferes with Glomerular Capillary Development. Journal of the American Society of Nephrology: JASN, 2002, 13, 2058-2067.	3.0	59
254	Tumstatin, an Endothelial Cell-Specific Inhibitor of Protein Synthesis. Science, 2002, 295, 140-143.	6.0	416
255	Renal Fibrosis. American Journal of Pathology, 2002, 160, 2001-2008.	1.9	142
256	Differential expression of type IV collagen isoforms in rat glomerular endothelial and mesangial cells. Biochemical and Biophysical Research Communications, 2002, 295, 401-407.	1.0	30
257	Human antiglomerular basement membrane autoantibody disease in XenoMouse II11See Editorial by Borza and Hudson, p. 1905.. Kidney International, 2002, 61, 1666-1673.	2.6	29
258	Role of basic fibroblast growth factor-2 in epithelial-mesenchymal transformation. Kidney International, 2002, 61, 1714-1728.	2.6	398
259	Effects of high glucose and TGF-Î²1 on the expression of collagen IV and vascular endothelial growth factor in mouse podocytes. Kidney International, 2002, 62, 901-913.	2.6	182
260	NPHS2 mutations in late-onset focal segmental glomerulosclerosis: R229Q is a common disease-associated allele. Journal of Clinical Investigation, 2002, 110, 1659-1666.	3.9	163
261	NPHS2 mutations in late-onset focal segmental glomerulosclerosis: R229Q is a common disease-associated allele. Journal of Clinical Investigation, 2002, 110, 1659-1666.	3.9	123
262	Renal Fibrosis. American Journal of Pathology, 2001, 159, 1313-1321.	1.9	268
263	Cell Surface Glypicans Are Low-Affinity Endostatin Receptors. Molecular Cell, 2001, 7, 811-822.	4.5	284
264	Aminopeptidase A: A nephritogenic target antigen of nephrotoxic serum. Kidney International, 2001, 59, 601-613.	2.6	49
265	Extracellular Matrix-derived Peptide Binds to Î±vÎ²3 Integrin and Inhibits Angiogenesis. Journal of Biological Chemistry, 2001, 276, 31959-31968.	1.6	199
266	Identification of the Anti-angiogenic Site within Vascular Basement Membrane-derived Tumstatin. Journal of Biological Chemistry, 2001, 276, 15240-15248.	1.6	202
267	Blocking Angiotensin II Synthesis/Activity Preserves Glomerular Nephrin in Rats with Severe Nephrosis. Journal of the American Society of Nephrology: JASN, 2001, 12, 941-948.	3.0	122
268	Fibrosis and angiogenesis. Current Opinion in Nephrology and Hypertension, 2000, 9, 413-418.	1.0	79
269	Assembly of Type IV Collagen. Journal of Biological Chemistry, 2000, 275, 12719-12724.	1.6	59
270	Two RGD-independent Î±vÎ²3 Integrin Binding Sites on Tumstatin Regulate Distinct Anti-tumor Properties. Journal of Biological Chemistry, 2000, 275, 23745-23750.	1.6	216

#	Article	IF	Citations
271	Reactive Oxygen Species Expose Cryptic Epitopes Associated with Autoimmune Goodpasture Syndrome. Journal of Biological Chemistry, 2000, 275, 20027-20032.	1.6	76
272	Distinct Antitumor Properties of a Type IV Collagen Domain Derived from Basement Membrane. Journal of Biological Chemistry, 2000, 275, 21340-21348.	1.6	302
273	Integrin Î±1Î²1 and Transforming Growth Factor-Î²1 Play Distinct Roles in Alport Glomerular Pathogenesis and Serve as Dual Targets for Metabolic Therapy. American Journal of Pathology, 2000, 157, 1649-1659.	1.9	168
274	Canstatin, a Novel Matrix-derived Inhibitor of Angiogenesis and Tumor Growth. Journal of Biological Chemistry, 2000, 275, 1209-1215.	1.6	401
275	Goodpasture syndrome. Kidney International, 1999, 55, 1120-1122.	2.6	22
276	Anti-Î± 1(IV) Collagen Autoantibodies Associated with Lung Adenocarcinoma Presenting as the Goodpasture Syndrome. Annals of Internal Medicine, 1996, 124, 651.	2.0	25
277	The Goodpasture Autoantigen. Journal of Biological Chemistry, 1996, 271, 9062-9068.	1.6	76
278	A COL4A3 gene mutation and post-transplant anti-Î±3(IV) collagen alloantibodies in Alport syndrome. Kidney International, 1995, 47, 1199-1204.	2.6	38