Patrick C Baer

List of Publications by Year
in descending order

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63	2,662	218592	189801
papers	citations	26 h-index	50 g-index

64	64	64	4555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adipose-Derived Mesenchymal Stromal/Stem Cells: Tissue Localization, Characterization, and Heterogeneity. Stem Cells International, 2012, 2012, 1-11.	1.2	384
2	Epithelial differentiation of human adipose tissue-derived adult stem cells. Biochemical and Biophysical Research Communications, 2005, 330, 142-150.	1.0	244
3	Ribavirin and interferon-Î² synergistically inhibit SARS-associated coronavirus replication in animal and human cell lines. Biochemical and Biophysical Research Communications, 2005, 326, 905-908.	1.0	212
4	Adipose-derived mesenchymal stromal/stem cells: An update on their phenotype in vivo and in vitro. World Journal of Stem Cells, 2014, 6, 256.	1.3	147
5	Effects of mycophenolic acid on IL-6 expression of human renal proximal and distal tubular cells in vitro. Nephrology Dialysis Transplantation, 2004, 19, 47-52.	0.4	112
6	Sputum biomarker profiles in cystic fibrosis (CF) and chronic obstructive pulmonary disease (COPD) and association between pulmonary function. Cytokine, 2010, 50, 152-157.	1.4	108
7	Isolation of proximal and distal tubule cells from human kidney by immunomagnetic separation: Technical Note. Kidney International, 1997, 52, 1321-1331.	2.6	107
8	Mesenchymal Stem/Stromal Cells in Regenerative Medicine: Can Preconditioning Strategies Improve Therapeutic Efficacy. Transfusion Medicine and Hemotherapy, 2016, 43, 256-267.	0.7	105
9	Comprehensive Phenotypic Characterization of Human Adipose-Derived Stromal/Stem Cells and Their Subsets by a High Throughput Technology. Stem Cells and Development, 2013, 22, 330-339.	1.1	93
10	Human adipose-derived mesenchymal stem cells in vitro: evaluation of an optimal expansion medium preserving stemness. Cytotherapy, 2010, 12, 96-106.	0.3	80
11	Adipose-Derived Stem Cells and Their Potential to Differentiate into the Epithelial Lineage. Stem Cells and Development, 2011, 20, 1805-1816.	1.1	78
12	Conditioned medium from renal tubular epithelial cells initiates differentiation of human mesenchymal stem cells. Cell Proliferation, 2009, 42, 29-37.	2.4	57
13	Characterization of CXCL16 and ADAM10 in the normal and transplanted kidney. Kidney International, 2008, 74, 328-338.	2.6	51
14	A Simple Modification of the Separation Method Reduces Heterogeneity of Adipose-Derived Stem Cells. Cells Tissues Organs, 2010, 192, 106-115.	1.3	50
15	Differentiation Status of Human Renal Proximal and Distal Tubular Epithelial Cells in vitro: Differential Expression of Characteristic Markers. Cells Tissues Organs, 2006, 184, 16-22.	1.3	46
16	Oxidative stress-driven pulmonary inflammation and fibrosis in a mouse model of human ataxia-telangiectasia. Redox Biology, 2018, 14, 645-655.	3.9	43
17	Short-term preconditioning enhances the therapeutic potential of adipose-derived stromal/stem cell-conditioned medium in cisplatin-induced acute kidney injury. Experimental Cell Research, 2016, 342, 175-183.	1.2	41
18	Expression of a functional epidermal growth factor receptor on human adipose-derived mesenchymal stem cells and its signaling mechanism. European Journal of Cell Biology, 2009, 88, 273-283.	1.6	40

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19	Bactericidal Activity of Renal Tubular Cells: The Putative Role of Human Î²-Defensins. Nephron Experimental Nephrology, 2002, 10, 332-337.	2.4	36
20	Transdifferentiation of Distal but Not Proximal Tubular Epithelial Cells from Human Kidney in Culture. Nephron Experimental Nephrology, 1999, 7, 306-313.	2.4	34
21	Human Mesenchymal Stromal Cells Are Resistant to SARS-CoV-2 Infection under Steady-State, Inflammatory Conditions and in the Presence of SARS-CoV-2-Infected Cells. Stem Cell Reports, 2021, 16, 419-427.	2.3	34
22	Effects of mycophenolic acid on human renal proximal and distal tubular cells in vitro. Nephrology Dialysis Transplantation, 2000, 15, 184-190.	0.4	32
23	Mesenchymal stem cell interactions with growth factors on kidney repair. Current Opinion in Nephrology and Hypertension, 2010, 19, 1-6.	1.0	31
24	The Early Activation of Toll-Like Receptor (TLR)-3 Initiates Kidney Injury after Ischemia and Reperfusion. PLoS ONE, 2014, 9, e94366.	1.1	30
25	The iron load of lipocalin-2 (LCN-2) defines its pro-tumour function in clear-cell renal cell carcinoma. British Journal of Cancer, 2020, 122, 421-433.	2.9	29
26	Lectin Affinity Plasmapheresis for Middle East Respiratory Syndrome-Coronavirus and Marburg Virus Glycoprotein Elimination. Blood Purification, 2018, 46, 126-133.	0.9	28
27	Isolation, Characterization, Differentiation and Immunomodulatory Capacity of Mesenchymal Stromal/Stem Cells from Human Perirenal Adipose Tissue. Cells, 2019, 8, 1346.	1.8	26
28	Epithelial Differentiation of Human Adipose-Derived Stem Cells. Methods in Molecular Biology, 2011, 702, 289-298.	0.4	25
29	New insights into epithelial differentiation of human adipose-derived stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 271-278.	1.3	23
30	INDUCTION OF RANTES, HLA-DR, AND INTERCELLULAR ADHESION MOLECULE-1 ON HIGHLY PURIFIED DISTAL TUBULAR CELLS FROM HUMAN KIDNEY1. Transplantation, 2000, 69, 2456-2459.	0.5	23
31	The Disturbed Iron Phenotype of Tumor Cells and Macrophages in Renal Cell Carcinoma Influences Tumor Growth. Cancers, 2020, 12, 530.	1.7	22
32	Tracking of Adipose-Derived Mesenchymal Stromal/Stem Cells in a Model of Cisplatin-Induced Acute Kidney Injury: Comparison of Bioluminescence Imaging versus qRT-PCR. International Journal of Molecular Sciences, 2018, 19, 2564.	1.8	20
33	Human renal cells from the thick ascending limb and early distal tubule: Characterization of primary isolated and cultured cells by reverse transcription polymerase chain reaction. Nephrology, 2008, 13, 316-321.	0.7	19
34	Simultaneous detection of ERK-, p38-, and JNK-MAPK phosphorylation in human adipose-derived stem cells using the Cytometric Bead Array technology. Journal of Immunological Methods, 2009, 350, 200-204.	0.6	17
35	Caspofungin is less nephrotoxic than amphotericin B in vitro and predominantly damages distal renal tubular cells. Nephrology Dialysis Transplantation, 2005, 20, 2071-2079.	0.4	16
36	The Thrombopoietin Receptor Agonist Eltrombopag Inhibits Human Cytomegalovirus Replication Via Iron Chelation. Cells, 2020, 9, 31.	1.8	16

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37	During epithelial differentiation of human adipose-derived stromal/stem cells, expression of zonula occludens protein-1 is induced by a combination of retinoic acid, activin-A and bone morphogenetic protein-7. Cytotherapy, 2012, 14, 61-69.	0.3	15
38	Macrophage-Secreted Lipocalin-2 Promotes Regeneration of Injured Primary Murine Renal Tubular Epithelial Cells. International Journal of Molecular Sciences, 2020, 21, 2038.	1.8	15
39	Effect of Different Preconditioning Regimens on the Expression Profile of Murine Adipose-Derived Stromal/Stem Cells. International Journal of Molecular Sciences, 2018, 19, 1719.	1.8	14
40	Altered expression of beta1 integrins in renal carcinoma cell lines exposed to the differentiation inducer valproic acid. International Journal of Molecular Medicine, 2006, 18, 347-54.	1.8	14
41	Epithelial cells in culture: injured or differentiated cells?. Cell Biology International, 2012, 36, 771-777.	1.4	13
42	Artesunate Inhibits the Growth Behavior of Docetaxel-Resistant Prostate Cancer Cells. Frontiers in Oncology, 2022, 12, 789284.	1.3	13
43	CC-Chemokine RANTES Is Increased in Serum and Urine in the Early Post-Transplantation Period of Human Renal Allograft Recipients. Kidney and Blood Pressure Research, 2005, 28, 48-54.	0.9	12
44	Hematopoietic Stem Cell Transplantation Restores NaÃ¯ve T-Cell Populations in Atm-Deficient Mice and in Preemptively Treated Patients With Ataxia-Telangiectasia. Frontiers in Immunology, 2019, 10, 2785.	2.2	12
45	Characterization of Extracellular Vesicles from Preconditioned Human Adipose-Derived Stromal/Stem Cells. International Journal of Molecular Sciences, 2021, 22, 2873.	1.8	12
46	No Cytotoxic and Inflammatory Effects of Empagliflozin and Dapagliflozin on Primary Renal Proximal Tubular Epithelial Cells under Diabetic Conditions In Vitro. International Journal of Molecular Sciences, 2020, 21, 391.	1.8	10
47	Different Effects of Growth Factors on Human Renal Early Distal Tubular Cells in vitro. Kidney and Blood Pressure Research, 2006, 29, 225-230.	0.9	9
48	Respiration rate in human primary renal proximal and early distal tubular cells in vitro: Considerations for biohybrid renal devices. Biotechnology Progress, 2011, 27, 262-268.	1.3	8
49	Adipose-Derived Stromal/Stem Cells. Cells, 2020, 9, 1997.	1.8	8
50	Kidney Inflammation, Injury and Regeneration. International Journal of Molecular Sciences, 2020, 21, 1164.	1.8	8
51	Effects of Hypoxia on RNA Cargo in Extracellular Vesicles from Human Adipose-Derived Stromal/Stem Cells. International Journal of Molecular Sciences, 2022, 23, 7384.	1.8	8
52	Tracking of Infused Mesenchymal Stem Cells in Injured Pulmonary Tissue in Atm-Deficient Mice. Cells, 2020, 9, 1444.	1.8	7
53	Systemic TLR2 Antibody Application in Renal Ischaemia and Reperfusion Injury Decreases AKT Phosphorylation and Increases Apoptosis in the Mouse Kidney. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 223-232.	1.2	6
54	Proteomic landscape of SARS-CoV-2â€“ and MERS-CoVâ€“infected primary human renal epithelial cells. Life Science Alliance, 2022, 5, e202201371.	1.3	5

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55	Reactive Oxygen Species Abrogate the Anticarcinogenic Effect of Eicosapentaenoic Acid in Atm-Deficient Mice. Nutrition and Cancer, 2010, 62, 584-592.	0.9	4
56	Kidney Inflammation, Injury and Regeneration 2020. International Journal of Molecular Sciences, 2021, 22, 5589.	1.8	3
57	Aldosterone action in humans -new members of the aldosterone signaling pathway-. , 0, 2002, .		2
58	Preconditioning of Human Adipose-derived Stromal/Stem Cells: Evaluation of Short-term Preincubation Regimens to Enhance their Regenerative Potential. Journal of Stem Cell Research & Therapy, 2016, 06, .	0.3	1
59	FP217MARBURG VIRUS & ACUTE KIDNEY INJURY. Nephrology Dialysis Transplantation, 2018, 33, i104-i104.	0.4	1
60	The Fibrin Cleavage Product BÎ²15-42 Channels Endothelial and Tubular Regeneration in the Post-acute Course During Murine Renal Ischemia Reperfusion Injury. Frontiers in Pharmacology, 2018, 9, 369.	1.6	1
61	Survival and Functional Immune Reconstitution After Haploidentical Stem Cell Transplantation in Atm-Deficient Mice. Frontiers in Immunology, 2021, 12, 693897.	2.2	1
62	Adipose-derived Stromal/Stem Cells and Their Differentiation Potential into the Endothelial Lineage. , 2014, , 53-70.		0
63	Extracellular Vesicles Derived from Mesenchymal Stem/Stromal Cells: Current Approaches to Enhance Their Release and Therapeutic Potential. , 2019, , 101-111.		0