Alan R Parrish

List of Publications by Year
in descending order

76 papers	3,171 citations	186265 28 h-index	155660 55 g-index
110 all docs	110 docs citations	110 times ranked	4090 citing authors

#	Article	IF	Citations
1	Metal-induced apoptosis: mechanisms. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 533, 227-241.	1.0	410
2	Cytotoxicity, Hemolysis, and Acute in Vivo Toxicity of Dendrimers Based on Melamine, Candidate Vehicles for Drug Delivery. Journal of the American Chemical Society, 2004, 126, 10044-10048.	13.7	379
3	Insulin resistance, cardiovascular stiffening and cardiovascular disease. Metabolism: Clinical and Experimental, 2021, 119, 154766.	3.4	231
4	Precision-cut tissue slices: Applications in pharmacology and toxicology. Life Sciences, 1995, 57, 1887-1901.	4.3	213
5	Renal ischemia reperfusion inhibits VEGF expression and induces ADAMTS-1, a novel VEGF inhibitor. American Journal of Physiology - Renal Physiology, 2008, 294, F928-F936.	2.7	154
6	In vitro and in vivo evaluation of a melamine dendrimer as a vehicle for drug delivery. International Journal of Pharmaceutics, 2004, 281, 129-132.	5.2	133
7	The Aging Kidney: Increased Susceptibility to Nephrotoxicity. International Journal of Molecular Sciences, 2014, 15, 15358-15376.	4.1	101
8	Reduction of Drug Toxicity Using Dendrimers Based on Melamine. Molecular Pharmaceutics, 2004, 1, 390-393.	4.6	90
9	Ischemia-induced cleavage of cadherins in NRK cells requires MT1-MMP (MMP-14). American Journal of Physiology - Renal Physiology, 2006, 290, F43-F51.	2.7	87
10	The impact of aging on epithelial barriers. Tissue Barriers, 2017, 5, e1343172.	3.2	75
11	Cadherins and NCAM as Potential Targets in Metal Toxicity. Toxicology and Applied Pharmacology, 2002, 182, 255-265.	2.8	74
12	A Short Medical School Course on Responding to Bioterrorism and Other Disasters. Academic Medicine, 2005, 80, 820-823.	1.6	56
13	Constitutive and inducible expression of cytochrome P450IA1 and P450IB1 in human vascular endothelial and smooth muscle cells. In Vitro Cellular and Developmental Biology - Animal, 1998, 34, 671-673.	1.5	52
14	Norepinephrine increases NADPH oxidase-derived superoxide in human peripheral blood mononuclear cells via Î±-adrenergic receptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R1124-R1132.	1.8	47
15	Developing Disaster Preparedness Competence: An Experiential Learning Exercise for Multiprofessional Education. Teaching and Learning in Medicine, 2008, 20, 62-68.	2.1	46
16	Ischemia-induced cleavage of cadherins in NRK cells: evidence for a role of metalloproteinases. American Journal of Physiology - Renal Physiology, 2005, 289, F280-F288.	2.7	44
17	Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. Cell Biology and Toxicology, 2009, 25, 217-225.	5.3	43
18	Benzo(a)pyrene-Induced Alterations in Growth-Related Gene Expression and Signaling in Precision-Cut Adult Rat Liver and Kidney Slices. Toxicology and Applied Pharmacology, 1998, 152, 302-308.	2.8	42

#	Article	IF	Citations
19	Triazine Dendrimers for Drug Delivery: Evaluation of Solubilization Properties, Activity in Cell Culture, and In Vivo Toxicity of a Candidate Vehicle. Supramolecular Chemistry, 2003, 15, 607-616.	1.2	42
20	Angiotensin II Activation of mTOR Results in Tubulointerstitial Fibrosis through Loss of N-Cadherin. American Journal of Nephrology, 2011, 34, 115-125.	3.1	40
21	Matrix Metalloproteinases in Kidney Disease: Role in Pathogenesis and Potential as a Therapeutic Target. Progress in Molecular Biology and Translational Science, 2017, 148, 31-65.	1.7	36
22	atypical cytochrome P450 induction profiles in glomerular mesangial cells at the mRNA and enzyme level. Biochemical Pharmacology, 1996, 52, 587-595.	4.4	35
23	Effects of environmental levels of cadmium, lead and mercury on human renal function evaluated by structural equation modeling. Toxicology Letters, 2014, 228, 34-41.	0.8	35
24	Renal inflammation and injury are associated with lymphangiogenesis in hypertension. American Journal of Physiology - Renal Physiology, 2017, 312, F861-F869.	2.7	35
25	Î²-Catenin Dynamics in the Regulation of Microvascular Endothelial Cell Hyperpermeability. Shock, 2012, 37, 306-311.	2.1	34
26	Promoter methylation is associated with the age-dependent loss of N-cadherin in the rat kidney. American Journal of Physiology - Renal Physiology, 2008, 294, F170-F176.	2.7	33
27	Nâ€cadherin, A Vascular Smooth Muscle Cellâ€“Cell Adhesion Molecule: Function and Signaling for Vasomotor Control. Microcirculation, 2014, 21, 208-218.	1.8	33
28	Mineralocorticoid Receptor-Dependent Proximal Tubule Injury Is Mediated by a Redox-Sensitive mTOR/S6K1 Pathway. American Journal of Nephrology, 2012, 35, 90-100.	3.1	31
29	Effects of early postnatal ethanol intubation on GABAergic synaptic proteins. Developmental Brain Research, 2002, 138, 177-185.	1.7	30
30	Differential processing of osteopontin characterizes the proliferative vascular smooth muscle cell phenotype induced by allylamine. Journal of Cellular Biochemistry, 1997, 65, 267-275.	2.6	28
31	Loss of N-cadherin and Î±-catenin in the proximal tubules of aging male Fischer 344 rats. Mechanisms of Ageing and Development, 2004, 125, 445-453.	4.6	28
32	Structural Equation Modeling Highlights the Potential of Kim-1 as a Biomarker for Chronic Kidney Disease. American Journal of Nephrology, 2012, 35, 152-163.	3.1	28
33	Overexpression of MMP-7 increases collagen 1A2 in the aging kidney. Physiological Reports, 2013, 1, .	1.7	27
34	Growth-related signaling as a target of toxic insult in vascular smooth muscle cells: Implications in atherogenesis. Life Sciences, 1995, 57, 627-635.	4.3	25
35	Disruption of Cadherin/Catenin Expression, Localization, and Interactions During HgCl2-Induced Nephrotoxicity. Toxicological Sciences, 2004, 80, 170-182.	3.1	25
36	Selective Activation in the MAPK Pathway by Hg(II) in Precision-Cut Rabbit Renal Cortical Slices. Toxicology and Applied Pharmacology, 1999, 160, 262-270.	2.8	21

#	Article	IF	Citations
37	Single-cell RT-PCR detects shifts in mRNA expression profiles of basal forebrain neurons during aging. Molecular Brain Research, 2002, 98, 67-80.	2.3	21
38	The cytoskeleton as a novel target for treatment of renal fibrosis. , 2016, 166, 1-8.		19
39	Collagen suppresses the proliferative phenotype of allylamine-injured vascular smooth muscle cells. Atherosclerosis, 2002, 162, 289-297.	0.8	18
40	Cadmium- and Mercury-Induced Intercellular Adhesion Molecule-1 Expression in Immortalized Proximal Tubule Cells: Evidence for a Role of Decreased Transforming Growth Factor-Î²1. Toxicology and Applied Pharmacology, 2002, 179, 13-20.	2.8	18
41	Loss of Î±(E)-Catenin Potentiates Cisplatin-Induced Nephrotoxicity via Increasing Apoptosis in Renal Tubular Epithelial Cells. Toxicological Sciences, 2014, 141, 254-262.	3.1	17
42	Ashwagandha attenuates TNF-Î±- and LPS-induced NF-Î°B activation and CCL2 and CCL5 gene expression in NRK-52E cells. BMC Complementary and Alternative Medicine, 2015, 15, 434.	3.7	15
43	Binge ethanol exposure delays development of GABAergic miniature postsynaptic currents in septal neurons. Developmental Brain Research, 2004, 152, 199-212.	1.7	14
44	Increased monocyteâ€derived reactive oxygen species in type 2 diabetes: role of endoplasmic reticulum stress. Experimental Physiology, 2017, 102, 139-153.	2.0	14
45	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in a rat liver cell line. Toxicology and Applied Pharmacology, 2011, 253, 45-56.	2.8	13
46	Addressing Medical School Diversity Through an Undergraduate Partnership at Texas A&M Health Science Center: A Blueprint for Success. Academic Medicine, 2008, 83, 512-515.	1.6	12
47	Immunohistochemical Localization of Cadherin and Catenin Adhesion Molecules in the Murine Growth Plate. Journal of Histochemistry and Cytochemistry, 2007, 55, 845-852.	2.5	11
48	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in breast epithelial cell lines. Journal of Toxicological Sciences, 2009, 34, 13-25.	1.5	11
49	Advances in Chronic Kidney Disease. International Journal of Molecular Sciences, 2016, 17, 1314.	4.1	11
50	TOXICITY OF A SEVOFLURANE DEGRADATION PRODUCT INCUBATED WITH RAT LIVER AND RENAL CORTICAL SLICES. Drug and Chemical Toxicology, 2001, 24, 347-357.	2.3	10
51	A role for the age-dependent loss of Î±(E)-catenin in regulation of N-cadherin expression and cell migration. Physiological Reports, 2014, 2, e12039.	1.7	10
52	Loss of Î±(E)-catenin promotes Fas mediated apoptosis in tubular epithelial cells. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 921-929.	4.9	10
53	Characterization of glomerular cell phenotypes following repeated cycles of benzo[a]pyrene injury in vitro. Biochemical Pharmacology, 2002, 64, 31-39.	4.4	9
54	The Role of Hepatocellular Oxidative Stress in Kupffer Cell Activation during 1,2-Dichlorobenzene-Induced Hepatotoxicity. Toxicological Sciences, 2003, 76, 201-211.	3.1	9

#	Article	IF	Citations
55	Î±(E)-Catenin Regulates BMP-7 Expression and Migration in Renal Epithelial Cells. American Journal of Nephrology, 2014, 39, 409-417.	3.1	9
56	Cadmium and Lead Decrease Cellâ€“Cell Aggregation and Increase Migration and Invasion in Renca Mouse Renal Cell Carcinoma Cells. International Journal of Molecular Sciences, 2019, 20, 6315.	4.1	8
57	Osteopontin mRNA Expression in a Chemically-Induced Model of Atherogenesis. Annals of the New York Academy of Sciences, 1995, 760, 354-356.	3.8	7
58	Phenotypic profiles of cultured glomerular cells following repeated cycles of hydrocarbon injury. Kidney International, 2000, 57, 1571-1580.	5.2	7
59	GABAergic miniature postsynaptic currents in septal neurons show differential allosteric sensitivity after binge-like ethanol exposure. Brain Research, 2006, 1089, 101-115.	2.2	7
60	In vitro culture of precision-cut testicular tissue as a novel tool for the study of responses to LH. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 45-53.	1.5	7
61	Endothelial sodium channel activation mediates DOCA-salt-induced endothelial cell and arterial stiffening. Metabolism: Clinical and Experimental, 2022, 130, 155165.	3.4	7
62	Twist2 Is Upregulated in Early Stages of Repair Following Acute Kidney Injury. International Journal of Molecular Sciences, 2017, 18, 368.	4.1	6
63	Ischemia-Induced Cleavage of Cadherins in NRK Cells is not Sufficient for Î²-catenin Transcriptional Activity. Cell Communication and Adhesion, 2007, 14, 111-123.	1.0	4
64	Fascin2 regulates cisplatin-induced apoptosis in NRK-52E cells. Toxicology Letters, 2017, 266, 56-64.	0.8	4
65	The renoprotective effects of soy protein in the aging kidney. Medical Research Archives, 2020, 8, .	0.2	4
66	Abdominal Aortic Endothelial Dysfunction Occurs in Female Mice With Dextran Sodium Sulfate-Induced Chronic Colitis Independently of Reactive Oxygen Species Formation. Frontiers in Cardiovascular Medicine, 2022, 9, 871335.	2.4	4
67	Osteopontin overexpression in vascular smooth muscle cells transfected with the c-Ha-ras EJ oncogene. In Vitro Cellular and Developmental Biology - Animal, 1997, 33, 584-587.	1.5	3
68	Structural equation modeling identifies markers of damage and function in the aging male Fischer 344 rat. Mechanisms of Ageing and Development, 2016, 156, 55-62.	4.6	3
69	Ah receptor-independent induction of CYP1A2 gene expression in genetically inbred mice. Environmental Toxicology and Pharmacology, 1998, 5, 205-213.	4.0	2
70	Metals and Cell Adhesion Molecules. , 2010, , 327-350.		2
71	Increased Susceptibility of Aging Kidney to Ischemic Injury: Role of Aberrant MMPâ€7 Expression. FASEB Journal, 2006, 20, A341.	0.5	1
72	Immunohistochemical Localization of Adhesion Molecules. , 2010, , 21-36.		0

#	Article	IF	Citations
73	Loss of Alpha(E)â€Catenin: Potential Role in the Renal Disrepair Following Injury in the Aging Kidney. FASEB Journal, 2013, 27, 738.6.	0.5	0
74	Increased MMP7 expression in the aging kidney causes upregulation of collagen. FASEB Journal, 2013, 27, 738.5.	0.5	0
75	Twist2 is a Novel Regulator of Renal Fibrosis. FASEB Journal, 2015, 29, 663.18.	0.5	0
76	Loss of Î±(E)â€cateninâ€Fscn2 signaling Increases Cisplatinâ€Induced Apoptosis in Aged Kidney. FASEB Journal, 2015, 29, 663.17.	0.5	0