

Alan R Parrish

List of Publications by Citations

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75
papers

2,518
citations

26
h-index

49
g-index

110
ext. papers

2,796
ext. citations

4.5
avg, IF

5.11
L-index

#	Paper	IF	Citations
75	Metal-induced apoptosis: mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 533, 227-41	3.3	354
74	Cytotoxicity, hemolysis, and acute in vivo toxicity of dendrimers based on melamine, candidate vehicles for drug delivery. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10044-8	16.4	353
73	Precision-cut tissue slices: applications in pharmacology and toxicology. <i>Life Sciences</i> , 1995 , 57, 1887-90	16.8	189
72	Renal ischemia reperfusion inhibits VEGF expression and induces ADAMTS-1, a novel VEGF inhibitor. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F928-36	4.3	127
71	In vitro and in vivo evaluation of a melamine dendrimer as a vehicle for drug delivery. <i>International Journal of Pharmaceutics</i> , 2004 , 281, 129-32	6.5	121
70	Reduction of drug toxicity using dendrimers based on melamine. <i>Molecular Pharmaceutics</i> , 2004 , 1, 390-3	3.6	81
69	Ischemia-induced cleavage of cadherins in NRK cells requires MT1-MMP (MMP-14). <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, F43-51	4.3	79
68	The aging kidney: increased susceptibility to nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 15358-76	6.3	76
67	Cadherins and NCAM as potential targets in metal toxicity. <i>Toxicology and Applied Pharmacology</i> , 2002 , 182, 255-65	4.6	67
66	Constitutive and inducible expression of cytochrome P450IA1 and P450IB1 in human vascular endothelial and smooth muscle cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1998 , 34, 671-3	3.6	49
65	A short medical school course on responding to bioterrorism and other disasters. <i>Academic Medicine</i> , 2005 , 80, 820-3	3.9	47
64	The impact of aging on epithelial barriers. <i>Tissue Barriers</i> , 2017 , 5, e1343172	4.3	42
63	Ischemia-induced cleavage of cadherins in NRK cells: evidence for a role of metalloproteinases. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F280-8	4.3	41
62	Benzo(a)pyrene-induced alterations in growth-related gene expression and signaling in precision-cut adult rat liver and kidney slices. <i>Toxicology and Applied Pharmacology</i> , 1998 , 152, 302-8	4.6	39
61	Developing disaster preparedness competence: an experiential learning exercise for multiprofessional education. <i>Teaching and Learning in Medicine</i> , 2008 , 20, 62-8	3.4	38
60	Norepinephrine increases NADPH oxidase-derived superoxide in human peripheral blood mononuclear cells via β adrenergic receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R1124-32	3.2	37
59	Triazine Dendrimers for Drug Delivery: Evaluation of Solubilization Properties, Activity in Cell Culture, and In Vivo Toxicity of a Candidate Vehicle. <i>Supramolecular Chemistry</i> , 2003 , 15, 607-616	1.8	37

58	Angiotensin II activation of mTOR results in tubulointerstitial fibrosis through loss of N-cadherin. <i>American Journal of Nephrology</i> , 2011 , 34, 115-25	4.6	36
57	Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. <i>Cell Biology and Toxicology</i> , 2009 , 25, 217-25	7.4	35
56	Atypical cytochrome P450 induction profiles in glomerular mesangial cells at the mRNA and enzyme level. Evidence for CYP1A1 and CYP1B1 expression and their involvement in benzo[a]pyrene metabolism. <i>Biochemical Pharmacology</i> , 1996 , 52, 587-95	6	34
55	Renal inflammation and injury are associated with lymphangiogenesis in hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, F861-F869	4.3	29
54	Matrix Metalloproteinases in Kidney Disease: Role in Pathogenesis and Potential as a Therapeutic Target. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 148, 31-65	4	29
53	ECatenin dynamics in the regulation of microvascular endothelial cell hyperpermeability. <i>Shock</i> , 2012 , 37, 306-11	3.4	28
52	Loss of N-cadherin and alpha-catenin in the proximal tubules of aging male Fischer 344 rats. <i>Mechanisms of Ageing and Development</i> , 2004 , 125, 445-53	5.6	28
51	Effects of environmental levels of cadmium, lead and mercury on human renal function evaluated by structural equation modeling. <i>Toxicology Letters</i> , 2014 , 228, 34-41	4.4	27
50	Promoter methylation is associated with the age-dependent loss of N-cadherin in the rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F170-6	4.3	26
49	Effects of early postnatal ethanol intubation on GABAergic synaptic proteins. <i>Developmental Brain Research</i> , 2002 , 138, 177-85		26
48	Differential processing of osteopontin characterizes the proliferative vascular smooth muscle cell phenotype induced by allylamine. <i>Journal of Cellular Biochemistry</i> , 1997 , 65, 267-75	4.7	24
47	Insulin resistance, cardiovascular stiffening and cardiovascular disease. <i>Metabolism: Clinical and Experimental</i> , 2021 , 119, 154766	12.7	24
46	Disruption of cadherin/catenin expression, localization, and interactions during HgCl ₂ -induced nephrotoxicity. <i>Toxicological Sciences</i> , 2004 , 80, 170-82	4.4	23
45	Growth-related signaling as a target of toxic insult in vascular smooth muscle cells: implications in atherogenesis. <i>Life Sciences</i> , 1995 , 57, 627-35	6.8	23
44	N-cadherin, a vascular smooth muscle cell-cell adhesion molecule: function and signaling for vasomotor control. <i>Microcirculation</i> , 2014 , 21, 208-18	2.9	22
43	Mineralocorticoid receptor-dependent proximal tubule injury is mediated by a redox-sensitive mTOR/S6K1 pathway. <i>American Journal of Nephrology</i> , 2012 , 35, 90-100	4.6	21
42	Selective activation in the MAPK pathway by Hg(II) in precision-cut rabbit renal cortical slices. <i>Toxicology and Applied Pharmacology</i> , 1999 , 160, 262-70	4.6	20
41	Single-cell RT-PCR detects shifts in mRNA expression profiles of basal forebrain neurons during aging. <i>Molecular Brain Research</i> , 2002 , 98, 67-80		18

40	Overexpression of MMP-7 Increases Collagen 1A2 in the Aging Kidney. <i>Physiological Reports</i> , 2013 , 1,	2.6	17
39	Structural equation modeling highlights the potential of Kim-1 as a biomarker for chronic kidney disease. <i>American Journal of Nephrology</i> , 2012 , 35, 152-63	4.6	16
38	Cadmium- and mercury-induced intercellular adhesion molecule-1 expression in immortalized proximal tubule cells: evidence for a role of decreased transforming growth factor-beta1. <i>Toxicology and Applied Pharmacology</i> , 2002 , 179, 13-20	4.6	16
37	Collagen suppresses the proliferative phenotype of allylamine-injured vascular smooth muscle cells. <i>Atherosclerosis</i> , 2002 , 162, 289-97	3.1	15
36	The cytoskeleton as a novel target for treatment of renal fibrosis. <i>Pharmacology & Therapeutics</i> , 2016 , 166, 1-8	13.9	14
35	Loss of (E)-catenin potentiates cisplatin-induced nephrotoxicity via increasing apoptosis in renal tubular epithelial cells. <i>Toxicological Sciences</i> , 2014 , 141, 254-62	4.4	14
34	Binge ethanol exposure delays development of GABAergic miniature postsynaptic currents in septal neurons. <i>Developmental Brain Research</i> , 2004 , 152, 199-212		13
33	Ashwagandha attenuates TNF- α and LPS-induced NF- κ B activation and CCL2 and CCL5 gene expression in NRK-52E cells. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 434	4.7	12
32	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in a rat liver cell line. <i>Toxicology and Applied Pharmacology</i> , 2011 , 253, 45-56	4.6	12
31	Multiphoton spectral analysis of benzo[a]pyrene uptake and metabolism in breast epithelial cell lines. <i>Journal of Toxicological Sciences</i> , 2009 , 34, 13-25	1.9	11
30	Increased monocyte-derived reactive oxygen species in type 2 diabetes: role of endoplasmic reticulum stress. <i>Experimental Physiology</i> , 2017 , 102, 139-153	2.4	10
29	(E)-catenin regulates BMP-7 expression and migration in renal epithelial cells. <i>American Journal of Nephrology</i> , 2014 , 39, 409-17	4.6	9
28	Immunohistochemical localization of cadherin and catenin adhesion molecules in the murine growth plate. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 845-52	3.4	9
27	Characterization of glomerular cell phenotypes following repeated cycles of benzo[a]pyrene injury in vitro. <i>Biochemical Pharmacology</i> , 2002 , 64, 31-9	6	9
26	Loss of (E)-catenin promotes Fas mediated apoptosis in tubular epithelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 921-9	5.4	8
25	A role for the age-dependent loss of (E)-catenin in regulation of N-cadherin expression and cell migration. <i>Physiological Reports</i> , 2014 , 2, e12039	2.6	8
24	Addressing medical school diversity through an undergraduate partnership at Texas A&M Health Science Center: a blueprint for success. <i>Academic Medicine</i> , 2008 , 83, 512-5	3.9	8
23	In vitro culture of precision-cut testicular tissue as a novel tool for the study of responses to LH. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 45-53	2.6	7

22	GABAergic miniature postsynaptic currents in septal neurons show differential allosteric sensitivity after binge-like ethanol exposure. <i>Brain Research</i> , 2006 , 1089, 101-15	3.7	7
21	The role of hepatocellular oxidative stress in Kupffer cell activation during 1,2-dichlorobenzene-induced hepatotoxicity. <i>Toxicological Sciences</i> , 2003 , 76, 201-11	4.4	7
20	Phenotypic profiles of cultured glomerular cells following repeated cycles of hydrocarbon injury. <i>Kidney International</i> , 2000 , 57, 1571-80	9.9	7
19	Toxicity of a sevoflurane degradation product incubated with rat liver and renal cortical slices. <i>Drug and Chemical Toxicology</i> , 2001 , 24, 347-57	2.3	7
18	Osteopontin mRNA expression in a chemically-induced model of atherogenesis. <i>Annals of the New York Academy of Sciences</i> , 1995 , 760, 354-6	6.5	6
17	Ischemia-induced cleavage of cadherins in NRK cells is not sufficient for beta-catenin transcriptional activity. <i>Cell Communication and Adhesion</i> , 2007 , 14, 111-23		4
16	Cadmium and Lead Decrease Cell-Cell Aggregation and Increase Migration and Invasion in Renca Mouse Renal Cell Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
15	Fascin2 regulates cisplatin-induced apoptosis in NRK-52E cells. <i>Toxicology Letters</i> , 2017 , 266, 56-64	4.4	3
14	Twist2 Is Upregulated in Early Stages of Repair Following Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	2
13	Osteopontin overexpression in vascular smooth muscle cells transfected with the c-Ha-rasEJ oncogene. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1997 , 33, 584-7	2.6	2
12	Ah receptor-independent induction of CYP1A2 gene expression in genetically inbred mice. <i>Environmental Toxicology and Pharmacology</i> , 1998 , 5, 205-13	5.8	2
11	Metals and Cell Adhesion Molecules 2010 , 327-350		2
10	Structural equation modeling identifies markers of damage and function in the aging male Fischer 344 rat. <i>Mechanisms of Ageing and Development</i> , 2016 , 156, 55-62	5.6	2
9	Abdominal Aortic Endothelial Dysfunction Occurs in Female Mice With Dextran Sodium Sulfate-Induced Chronic Colitis Independently of Reactive Oxygen Species Formation.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 871335	5.4	0
8	Endothelial sodium channel activation mediates DOCA-salt-induced endothelial cell and arterial stiffening.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 130, 155165	12.7	0
7	Increased Susceptibility of Aging Kidney to Ischemic Injury: Role of Aberrant MMP-7 Expression. <i>FASEB Journal</i> , 2006 , 20, A341	0.9	
6	Twist2 is a Novel Regulator of Renal Fibrosis. <i>FASEB Journal</i> , 2015 , 29, 663.18	0.9	
5	Loss of (E)-catenin-Fscn2 signaling Increases Cisplatin-Induced Apoptosis in Aged Kidney. <i>FASEB Journal</i> , 2015 , 29, 663.17	0.9	

4 Gene-Specific Hypermethylation in Aging **2010**, 29-39

3 Immunohistochemical Localization of Adhesion Molecules **2010**, 21-36

2 Loss of Alpha(E)-Catenin: Potential Role in the Renal Disrepair Following Injury in the Aging Kidney. *FASEB Journal*, **2013**, 27, 738.6 0.9

1 Increased MMP7 expression in the aging kidney causes upregulation of collagen. *FASEB Journal*, **2013**, 27, 738.5 0.9