

Alan R Parrish

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 74 | 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 |
| 73 | Insulin resistance, cardiovascular stiffening and cardiovascular disease. <i>Metabolism: Clinical and Experimental</i> , 2021 , 119, 154766 | 12.7 | 24 |
| 72 | 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 |
| 71 | 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 |
| 70 | Fascin2 regulates cisplatin-induced apoptosis in NRK-52E cells. <i>Toxicology Letters</i> , 2017 , 266, 56-64 | 4.4 | 3 |
| 69 | Twist2 Is Upregulated in Early Stages of Repair Following Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 2 |
| 68 | 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 |
| 67 | The impact of aging on epithelial barriers. <i>Tissue Barriers</i> , 2017 , 5, e1343172 | 4.3 | 42 |
| 66 | 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 |
| 65 | The cytoskeleton as a novel target for treatment of renal fibrosis. <i>Pharmacology & Therapeutics</i> , 2016 , 166, 1-8 | 13.9 | 14 |
| 64 | 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 |
| 63 | 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 |
| 62 | 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 |
| 61 | Twist2 is a Novel Regulator of Renal Fibrosis. <i>FASEB Journal</i> , 2015 , 29, 663.18 | 0.9 | |
| 60 | Loss of (E)-catenin-Fscn2 signaling Increases Cisplatin-Induced Apoptosis in Aged Kidney. <i>FASEB Journal</i> , 2015 , 29, 663.17 | 0.9 | |
| 59 | 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 |

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| 58 | (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 |
| 57 | 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 |
| 56 | The aging kidney: increased susceptibility to nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 15358-76 | 6.3 | 76 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | Overexpression of MMP-7 Increases Collagen 1A2 in the Aging Kidney. <i>Physiological Reports</i> , 2013 , 1, | 2.6 | 17 |
| 51 | Loss of Alpha(E)-Catenin: Potential Role in the Renal Disrepair Following Injury in the Aging Kidney. <i>FASEB Journal</i> , 2013 , 27, 738.6 | 0.9 | |
| 50 | Increased MMP7 expression in the aging kidney causes upregulation of collagen. <i>FASEB Journal</i> , 2013 , 27, 738.5 | 0.9 | |
| 49 | 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 |
| 48 | 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 |
| 47 | ECatenin dynamics in the regulation of microvascular endothelial cell hyperpermeability. <i>Shock</i> , 2012 , 37, 306-11 | 3.4 | 28 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | Metals and Cell Adhesion Molecules 2010 , 327-350 | | 2 |
| 42 | Gene-Specific Hypermethylation in Aging 2010 , 29-39 | | |
| 41 | Immunohistochemical Localization of Adhesion Molecules 2010 , 21-36 | | |

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| 40 | Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. <i>Cell Biology and Toxicology</i> , 2009 , 25, 217-25 | 7.4 | 35 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | Increased Susceptibility of Aging Kidney to Ischemic Injury: Role of Aberrant MMP-7 Expression. <i>FASEB Journal</i> , 2006 , 20, A341 | 0.9 | |
| 29 | A short medical school course on responding to bioterrorism and other disasters. <i>Academic Medicine</i> , 2005 , 80, 820-3 | 3.9 | 47 |
| 28 | 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 |
| 27 | Disruption of cadherin/catenin expression, localization, and interactions during HgCl ₂ -induced nephrotoxicity. <i>Toxicological Sciences</i> , 2004 , 80, 170-82 | 4.4 | 23 |
| 26 | 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 |
| 25 | Binge ethanol exposure delays development of GABAergic miniature postsynaptic currents in septal neurons. <i>Developmental Brain Research</i> , 2004 , 152, 199-212 | | 13 |
| 24 | 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 |
| 23 | Reduction of drug toxicity using dendrimers based on melamine. <i>Molecular Pharmaceutics</i> , 2004 , 1, 390-3.6 | | 81 |

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| 22 | 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 |
| 21 | Metal-induced apoptosis: mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 533, 227-41 | 3.3 | 354 |
| 20 | 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 |
| 19 | 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 |
| 18 | Effects of early postnatal ethanol intubation on GABAergic synaptic proteins. <i>Developmental Brain Research</i> , 2002 , 138, 177-85 | | 26 |
| 17 | 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 |
| 16 | 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 |
| 15 | Cadherins and NCAM as potential targets in metal toxicity. <i>Toxicology and Applied Pharmacology</i> , 2002 , 182, 255-65 | 4.6 | 67 |
| 14 | Collagen suppresses the proliferative phenotype of allylamine-injured vascular smooth muscle cells. <i>Atherosclerosis</i> , 2002 , 162, 289-97 | 3.1 | 15 |
| 13 | 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 |
| 12 | 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 |
| 11 | Phenotypic profiles of cultured glomerular cells following repeated cycles of hydrocarbon injury. <i>Kidney International</i> , 2000 , 57, 1571-80 | 9.9 | 7 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |

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| 4 | 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 |
| 3 | 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 |
| 2 | Precision-cut tissue slices: applications in pharmacology and toxicology. <i>Life Sciences</i> , 1995 , 57, 1887-90 | 16.8 | 189 |
| 1 | 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 |