

# Alan R Parrish

## List of Publications by Year in descending order

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76  
papers

3,171  
citations

185998

28  
h-index

155451

55  
g-index

110  
all docs

110  
docs citations

110  
times ranked

4090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-induced apoptosis: mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 533, 227-241.	0.4	410
2	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, 10044-10048.	6.6	379
3	Insulin resistance, cardiovascular stiffening and cardiovascular disease. <i>Metabolism: Clinical and Experimental</i> , 2021, 119, 154766.	1.5	231
4	Precision-cut tissue slices: Applications in pharmacology and toxicology. <i>Life Sciences</i> , 1995, 57, 1887-1901.	2.0	213
5	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-F936.	1.3	154
6	In vitro and in vivo evaluation of a melamine dendrimer as a vehicle for drug delivery. <i>International Journal of Pharmaceutics</i> , 2004, 281, 129-132.	2.6	133
7	The Aging Kidney: Increased Susceptibility to Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15358-15376.	1.8	101
8	Reduction of Drug Toxicity Using Dendrimers Based on Melamine. <i>Molecular Pharmaceutics</i> , 2004, 1, 390-393.	2.3	90
9	Ischemia-induced cleavage of cadherins in NRK cells requires MT1-MMP (MMP-14). <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F43-F51.	1.3	87
10	The impact of aging on epithelial barriers. <i>Tissue Barriers</i> , 2017, 5, e1343172.	1.6	75
11	Cadherins and NCAM as Potential Targets in Metal Toxicity. <i>Toxicology and Applied Pharmacology</i> , 2002, 182, 255-265.	1.3	74
12	A Short Medical School Course on Responding to Bioterrorism and Other Disasters. <i>Academic Medicine</i> , 2005, 80, 820-823.	0.8	56
13	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, 671-673.	0.7	52
14	Norepinephrine increases NADPH oxidase-derived superoxide in human peripheral blood mononuclear cells via $\alpha$ -adrenergic receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1124-R1132.	0.9	47
15	Developing Disaster Preparedness Competence: An Experiential Learning Exercise for Multiprofessional Education. <i>Teaching and Learning in Medicine</i> , 2008, 20, 62-68.	1.3	46
16	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-F288.	1.3	44
17	Attenuation of cisplatin nephrotoxicity by inhibition of soluble epoxide hydrolase. <i>Cell Biology and Toxicology</i> , 2009, 25, 217-225.	2.4	43
18	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, 302-308.	1.3	42

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19	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.	1.5	42
20	Angiotensin II Activation of mTOR Results in Tubulointerstitial Fibrosis through Loss of N-Cadherin. <i>American Journal of Nephrology</i> , 2011, 34, 115-125.	1.4	40
21	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.	0.9	36
22	atypical cytochrome P450 induction profiles in glomerular mesangial cells at the mRNA and enzyme level. <i>Biochemical Pharmacology</i> , 1996, 52, 587-595.	2.0	35
23	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.	0.4	35
24	Renal inflammation and injury are associated with lymphangiogenesis in hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F861-F869.	1.3	35
25	Î²-Catenin Dynamics in the Regulation of Microvascular Endothelial Cell Hyperpermeability. <i>Shock</i> , 2012, 37, 306-311.	1.0	34
26	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-F176.	1.3	33
27	N-cadherin, A Vascular Smooth Muscle Cell Cell Adhesion Molecule: Function and Signaling for Vasomotor Control. <i>Microcirculation</i> , 2014, 21, 208-218.	1.0	33
28	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.	1.4	31
29	Effects of early postnatal ethanol intubation on GABAergic synaptic proteins. <i>Developmental Brain Research</i> , 2002, 138, 177-185.	2.1	30
30	Differential processing of osteopontin characterizes the proliferative vascular smooth muscle cell phenotype induced by allylamine. <i>Journal of Cellular Biochemistry</i> , 1997, 65, 267-275.	1.2	28
31	Loss of N-cadherin and Î±-catenin in the proximal tubules of aging male Fischer 344 rats. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 445-453.	2.2	28
32	Structural Equation Modeling Highlights the Potential of Kim-1 as a Biomarker for Chronic Kidney Disease. <i>American Journal of Nephrology</i> , 2012, 35, 152-163.	1.4	28
33	Overexpression of MMP-7 increases collagen 1A2 in the aging kidney. <i>Physiological Reports</i> , 2013, 1, .	0.7	27
34	Growth-related signaling as a target of toxic insult in vascular smooth muscle cells: Implications in atherogenesis. <i>Life Sciences</i> , 1995, 57, 627-635.	2.0	25
35	Disruption of Cadherin/Catenin Expression, Localization, and Interactions During HgCl <sub>2</sub> -Induced Nephrotoxicity. <i>Toxicological Sciences</i> , 2004, 80, 170-182.	1.4	25
36	Selective Activation in the MAPK Pathway by Hg(II) in Precision-Cut Rabbit Renal Cortical Slices. <i>Toxicology and Applied Pharmacology</i> , 1999, 160, 262-270.	1.3	21

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37	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.	2.5	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. <i>Atherosclerosis</i> , 2002, 162, 289-297.	0.4	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- $\beta$ 1. <i>Toxicology and Applied Pharmacology</i> , 2002, 179, 13-20.	1.3	18
41	Loss of $\beta$ -Catenin Potentiates Cisplatin-Induced Nephrotoxicity via Increasing Apoptosis in Renal Tubular Epithelial Cells. <i>Toxicological Sciences</i> , 2014, 141, 254-262.	1.4	17
42	Ashwagandha attenuates TNF- $\alpha$ and LPS-induced NF- $\kappa$ B activation and CCL2 and CCL5 gene expression in NRK-52E cells. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 434.	3.7	15
43	Binge ethanol exposure delays development of GABAergic miniature postsynaptic currents in septal neurons. <i>Developmental Brain Research</i> , 2004, 152, 199-212.	2.1	14
44	Increased monocyte-derived reactive oxygen species in type 2 diabetes: role of endoplasmic reticulum stress. <i>Experimental Physiology</i> , 2017, 102, 139-153.	0.9	14
45	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.	1.3	13
46	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, 512-515.	0.8	12
47	Immunohistochemical Localization of Cadherin and Catenin Adhesion Molecules in the Murine Growth Plate. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 845-852.	1.3	11
48	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.	0.7	11
49	Advances in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1314.	1.8	11
50	TOXICITY OF A SEVOFLURANE DEGRADATION PRODUCT INCUBATED WITH RAT LIVER AND RENAL CORTICAL SLICES. <i>Drug and Chemical Toxicology</i> , 2001, 24, 347-357.	1.2	10
51	A role for the age-dependent loss of $\beta$ -catenin in regulation of N-cadherin expression and cell migration. <i>Physiological Reports</i> , 2014, 2, e12039.	0.7	10
52	Loss of $\beta$ -catenin promotes Fas mediated apoptosis in tubular epithelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 921-929.	2.2	10
53	Characterization of glomerular cell phenotypes following repeated cycles of benzo[a]pyrene injury in vitro. <i>Biochemical Pharmacology</i> , 2002, 64, 31-39.	2.0	9
54	The Role of Hepatocellular Oxidative Stress in Kupffer Cell Activation during 1,2-Dichlorobenzene-Induced Hepatotoxicity. <i>Toxicological Sciences</i> , 2003, 76, 201-211.	1.4	9

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55	Î±(E)-Catenin Regulates BMP-7 Expression and Migration in Renal Epithelial Cells. <i>American Journal of Nephrology</i> , 2014, 39, 409-417.	1.4	9
56	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, 6315.	1.8	8
57	Osteopontin mRNA Expression in a Chemically-Induced Model of Atherogenesis. <i>Annals of the New York Academy of Sciences</i> , 1995, 760, 354-356.	1.8	7
58	Phenotypic profiles of cultured glomerular cells following repeated cycles of hydrocarbon injury. <i>Kidney International</i> , 2000, 57, 1571-1580.	2.6	7
59	GABAergic miniature postsynaptic currents in septal neurons show differential allosteric sensitivity after binge-like ethanol exposure. <i>Brain Research</i> , 2006, 1089, 101-115.	1.1	7
60	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.	0.7	7
61	Endothelial sodium channel activation mediates DOCA-salt-induced endothelial cell and arterial stiffening. <i>Metabolism: Clinical and Experimental</i> , 2022, 130, 155165.	1.5	7
62	Twist2 Is Upregulated in Early Stages of Repair Following Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 368.	1.8	6
63	Ischemia-Induced Cleavage of Cadherins in NRK Cells is not Sufficient for Î²-catenin Transcriptional Activity. <i>Cell Communication and Adhesion</i> , 2007, 14, 111-123.	1.0	4
64	Fascin2 regulates cisplatin-induced apoptosis in NRK-52E cells. <i>Toxicology Letters</i> , 2017, 266, 56-64.	0.4	4
65	The renoprotective effects of soy protein in the aging kidney. <i>Medical Research Archives</i> , 2020, 8, .	0.1	4
66	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.	1.1	4
67	Osteopontin overexpression in vascular smooth muscle cells transfected with the c-Ha-ras EJ oncogene. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1997, 33, 584-587.	0.7	3
68	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.	2.2	3
69	Ah receptor-independent induction of CYP1A2 gene expression in genetically inbred mice. <i>Environmental Toxicology and Pharmacology</i> , 1998, 5, 205-213.	2.0	2
70	Metals and Cell Adhesion Molecules. , 2010, , 327-350.		2
71	Increased Susceptibility of Aging Kidney to Ischemic Injury: Role of Aberrant MMP-7 Expression. <i>FASEB Journal</i> , 2006, 20, A341.	0.2	1
72	Immunohistochemical Localization of Adhesion Molecules. , 2010, , 21-36.		0

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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.	0.2	0
74	Increased MMP7 expression in the aging kidney causes upregulation of collagen. FASEB Journal, 2013, 27, 738.5.	0.2	0
75	Twist2 is a Novel Regulator of Renal Fibrosis. FASEB Journal, 2015, 29, 663.18.	0.2	0
76	Loss of Î±(E)â€Cateninâ€Fscn2 signaling Increases Cisplatinâ€Induced Apoptosis in Aged Kidney. FASEB Journal, 2015, 29, 663.17.	0.2	0