Raghvendra K Dubey

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.

106 papers	5,071 citations	41 h-index	68 g-index
112 ext. papers	5,348 ext. citations	6.7 avg, IF	5.19 L-index

#	Paper	IF	Citations
106	Transcryptomic Analysis of Human Brain-Microvascular Endothelial Response to -Pericytes: Cell Orientation Defines Barrier Function. *Cells*, **2021**, 10,	7.9	8
105	Transcryptomic Analysis of Human Brain -Microvascular Endothelial Cell Driven Changes in -Vascular Pericytes. *Cells*, **2021**, 10,	7.9	3
104	Estradiol Inhibits Human Brain Vascular Pericyte Migration Activity: A Functional and Transcriptomic Analysis. *Cells*, **2021**, 10,	7.9	1
103	Adenosine, Via A Receptors, Inhibits Human (P-SMC) Progenitor Smooth Muscle Cell Growth. *Hypertension*, **2020**, 75, 109-118	8.5	2
102	Mechanism of 17-estradiol stimulated integration of human mesenchymal stem cells in heart tissue. *Journal of Molecular and Cellular Cardiology*, **2019**, 133, 115-124	5.8	5
101	Natural and environmental oestrogens induce TGFB1 synthesis in oviduct cells. *Reproduction*, **2018**, 155, 233-244	3.8	5
100	Dihydrotestosterone induces pro-angiogenic factors and assists homing of MSC into the cardiac tissue. *Journal of Molecular Endocrinology*, **2018**, 60, 1-15	4.5	7
99	Adenosine production by brain cells. *Journal of Neurochemistry*, **2017**, 141, 676-693	6	16
98	Piperine Decreases Binding of Drugs to Human Plasma and Increases Uptake by Brain Microvascular Endothelial Cells. *Phytotherapy Research*, **2017**, 31, 1868-1874	6.7	5
97	A genetic variant in the catechol-O-methyl transferase (COMT) gene is related to age-dependent differences in the therapeutic effect of calcium-channel blockers. *Medicine (United States)*, **2017**, 96, e7029	1.8	7
96	The estrogen metabolites 2-methoxyestradiol and 2-hydroxyestradiol inhibit endometriotic cell proliferation in estrogen-receptor-independent manner. *Gynecological Endocrinology*, **2016**, 32, 529-33	2.4	9
95	2-Methoxyestradiol, an endogenous 17-estradiol metabolite, inhibits microglial proliferation and activation via an estrogen receptor-independent mechanism. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E313-22	6	19
94	Adenosine Attenuates Human Coronary Artery Smooth Muscle Cell Proliferation by Inhibiting Multiple Signaling Pathways That Converge on Cyclin D. *Hypertension*, **2015**, 66, 1207-19	8.5	28
93	2-Methoxyestradiol blocks the RhoA/ROCK1 pathway in human aortic smooth muscle cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 309, E995-1007	6	8
92	Developmental potential of human oocytes matured in vitro followed by vitrification and activation. *Journal of Ovarian Research*, **2013**, 6, 30	5.5	40
91	Expression of the 2U3UcAMP-adenosine pathway in astrocytes and microglia. *Journal of Neurochemistry*, **2011**, 118, 979-87	6	32
90	Estrogen receptor-but not -or GPER inhibits high glucose-induced human VSMC proliferation: potential role of ROS and ERK. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 220-8	5.6	32

89	Receptor for activated protein kinase C1 regulates cell proliferation by modulating calcium signaling. *Hypertension*, **2011**, 58, 689-95	8.5	9
88	2′-AMP and 3′-AMP inhibit proliferation of preglomerular vascular smooth muscle cells and glomerular mesangial cells via A2B receptors. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 337, 444-50	4.7	23
87	Estradiol stimulates capillary formation by human endothelial progenitor cells: role of estrogen receptor-{alpha}/{beta}, heme oxygenase 1, and tyrosine kinase. *Hypertension*, **2010**, 56, 397-404	8.5	33
86	Extracellular 3′,5′-cAMP-adenosine pathway inhibits glomerular mesangial cell growth. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 333, 808-15	4.7	22
85	Extracellular 2,3-cyclic adenosine monophosphate is a potent inhibitor of preglomerular vascular smooth muscle cell and mesangial cell growth [corrected]. *Hypertension*, **2010**, 56, 151-8	8.5	34
84	Adenosine A1 receptor activation as a brake on the microglial response after experimental traumatic brain injury in mice. *Journal of Neurotrauma*, **2010**, 27, 901-10	5.4	71
83	Candidate genes and mechanisms for 2-methoxyestradiol-mediated vasoprotection. *Hypertension*, **2010**, 56, 964-72	8.5	26
82	Resveratrol, a red wine constituent, blocks the antimitogenic effects of estradiol on human female coronary artery smooth muscle cells. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E9-17	5.6	11
81	Potential vascular actions of 2-methoxyestradiol. *Trends in Endocrinology and Metabolism*, **2009**, 20, 374-9	9.8	42
80	Stem cell-like human endothelial progenitors show enhanced colony-forming capacity after brief sevoflurane exposure: preconditioning of angiogenic cells by volatile anesthetics. *Anesthesia and Analgesia*, **2009**, 109, 1117-26	3.9	24
79	Medroxyprogesterone abrogates the inhibitory effects of estradiol on vascular smooth muscle cells by preventing estradiol metabolism. *Hypertension*, **2008**, 51, 1197-202	8.5	9
78	Adenosine in the Kidney **2008**, 413-423		
77	The pancreatohepatorenal cAMP-adenosine mechanism. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 321, 799-809	4.7	15
76	2-Methoxyestradiol: a potential treatment for multiple proliferative disorders. *Endocrinology*, **2007**, 148, 4125-7	4.8	19
75	The extracellular cAMP-adenosine pathway significantly contributes to the in vivo production of adenosine. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 117-23	4.7	21
74	2-Methoxyestradiol, an estradiol metabolite, inhibits neointima formation and smooth muscle cell growth via double blockade of the cell cycle. *Circulation Research*, **2006**, 99, 266-74	15.7	70
73	cAMP-adenosine pathway in the proximal tubule. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 317, 1219-29	4.7	40
72	Estrogen metabolite 2-methoxyestradiol induces apoptosis and inhibits cell proliferation and collagen production in rat and human leiomyoma cells: a potential medicinal treatment for uterine fibroids. *Journal of the Society for Gynecologic Investigation*, **2006**, 13, 542-50		41

71	Conversion of tibolone to 7alpha-methyl-ethinyl estradiol using gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry: interpretation and clinical implications. *Menopause*, **2006**, 13, 926-34	2.5	6
70	Estradiol metabolites attenuate renal and cardiovascular injury induced by chronic nitric oxide synthase inhibition. *Journal of Cardiovascular Pharmacology*, **2005**, 46, 25-35	3.1	39
69	Cytochromes 1A1/1B1- and catechol-O-methyltransferase-derived metabolites mediate estradiol-induced antimitogenesis in human cardiac fibroblast. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 247-55	5.6	30
68	Adenosine inhibits PDGF-induced growth of human glomerular mesangial cells via A(2B) receptors. *Hypertension*, **2005**, 46, 628-34	8.5	32
67	Vascular consequences of menopause and hormone therapy: importance of timing of treatment and type of estrogen. *Cardiovascular Research*, **2005**, 66, 295-306	9.9	164
66	Tibolone and its metabolites induce antimitogenesis in human coronary artery smooth muscle cells: role of estrogen, progesterone, and androgen receptors. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 852-9	5.6	15
65	Catecholamines block the antimitogenic effect of estradiol on human coronary artery smooth muscle cells. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 3922-31	5.6	20
64	Cardiovascular pharmacology of estradiol metabolites. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 308, 403-9	4.7	112
63	2-hydroxyestradiol is a prodrug of 2-methoxyestradiol. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 309, 1093-7	4.7	33
62	Hormone replacement therapy and cardiovascular disease: what went wrong and where do we go from here?. *Hypertension*, **2004**, 44, 789-95	8.5	65
61	Differential regulation of estrogen receptor subtypes alpha and beta in human aortic smooth muscle cells by oligonucleotides and estradiol. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 2373-81	5.6	27
60	A gas chromatography/mass spectrometry assay to measure estradiol, catecholestradiols, and methoxyestradiols in plasma. *Steroids*, **2004**, 69, 255-61	2.8	24
59	CYP450- and COMT-derived estradiol metabolites inhibit activity of human coronary artery SMCs. *Hypertension*, **2003**, 41, 807-13	8.5	49
58	Differential effects of natural and environmental estrogens on endothelin synthesis in bovine oviduct cells. *Biology of Reproduction*, **2003**, 68, 1430-6	3.9	12
57	Methoxyestradiols mediate the antimitogenic effects of 17beta-estradiol: direct evidence from catechol-O-methyltransferase-knockout mice. *Circulation*, **2003**, 108, 2974-8	16.7	45
56	Oviduct cells express the cyclic AMP-adenosine pathway. *Biology of Reproduction*, **2003**, 69, 868-75	3.9	22
55	Methylation of 2-hydroxyestradiol in isolated organs. *Hypertension*, **2003**, 42, 82-7	8.5	14
54	Catecholamines block the antimitogenic effect of estradiol on human glomerular mesangial cells. *Hypertension*, **2003**, 42, 349-55	8.5	9

53	Adenosine biosynthesis in the collecting duct. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 307, 888-96	4.7	35
52	Sex hormones and hypertension. *Cardiovascular Research*, **2002**, 53, 688-708	9.9	361
51	Role of methoxyestradiols in the growth inhibitory effects of estradiol on human glomerular mesangial cells. *Hypertension*, **2002**, 39, 418-24	8.5	48
50	Oral contraceptives and the risk of thrombosis and atherosclerosis. *Expert Opinion on Investigational Drugs*, **2002**, 11, 329-32	5.9	7
49	Methoxyestradiols mediate the antimitogenic effects of locally applied estradiol on cardiac fibroblast growth. *Hypertension*, **2002**, 39, 412-7	8.5	37
48	Methoxyestradiols mediate estradiol-induced antimitogenesis in human aortic SMCs. *Hypertension*, **2002**, 39, 874-9	8.5	57
47	Catecholamines block 2-hydroxyestradiol-induced antimitogenesis in mesangial cells. *Hypertension*, **2002**, 39, 854-9	8.5	8
46	2-Hydroxyestradiol attenuates renal disease in chronic puromycin aminonucleoside nephropathy. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 2737-47	12.7	33
45	A(2B) adenosine receptors stimulate growth of porcine and rat arterial endothelial cells. *Hypertension*, **2002**, 39, 530-5	8.5	69
44	Long-term effects of combined oral contraceptives on markers of endothelial function and lipids in healthy premenopausal women. *Contraception*, **2002**, 65, 231-6	2.5	9
43	A(2b) receptors mediate the antimitogenic effects of adenosine in cardiac fibroblasts. *Hypertension* , **2001**, 37, 716-21	8.5	75
42	Catecholamines abrogate antimitogenic effects of 2-hydroxyestradiol on human aortic vascular smooth muscle cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 1745-50	9.4	25
41	Effects of estradiol and its metabolites on glomerular endothelial nitric oxide synthesis and mesangial cell growth. *Hypertension*, **2001**, 37, 645-50	8.5	57
40	Increased 2-methoxyestradiol production in human coronary versus aortic vascular cells. *Hypertension*, **2001**, 37, 658-62	8.5	33
39	Estradiol metabolites inhibit endothelin synthesis by an estrogen receptor-independent mechanism. *Hypertension*, **2001**, 37, 640-4	8.5	114
38	Endogenous cyclic AMP-adenosine pathway regulates cardiac fibroblast growth. *Hypertension*, **2001** , 37, 1095-100	8.5	49
37	Dysregulation of extracellular adenosine levels by vascular smooth muscle cells from spontaneously hypertensive rats. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 249-54	9.4	9
36	Estrogen-induced cardiorenal protection: potential cellular, biochemical, and molecular mechanisms. *American Journal of Physiology - Renal Physiology*, **2001**, 280, F365-88	4.3	178

35	Role of the extracellular cAMP-adenosine pathway in renal physiology. *American Journal of Physiology - Renal Physiology*, **2001**, 281, F597-612	4.3	80
34	Cardiovascular protective effects of 17beta-estradiol metabolites. *Journal of Applied Physiology*, **2001**, 91, 1868-83	3.7	102
33	Vascular effects of environmental oestrogens: implications for reproductive and vascular health. *Human Reproduction Update*, **2000**, 6, 351-63	15.8	22
32	A(2B) receptors mediate antimitogenesis in vascular smooth muscle cells. *Hypertension*, **2000**, 35, 267-72	8.5	70
31	Cardiac fibroblasts express the cAMP-adenosine pathway. *Hypertension*, **2000**, 36, 337-42	8.5	50
30	Estradiol inhibits smooth muscle cell growth in part by activating the cAMP-adenosine pathway. *Hypertension*, **2000**, 35, 262-6	8.5	48
29	Clinically used estrogens differentially inhibit human aortic smooth muscle cell growth and mitogen-activated protein kinase activity. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 964-72	9.4	83
28	Methoxyestradiols mediate the antimitogenic effects of estradiol on vascular smooth muscle cells via estrogen receptor-independent mechanisms. *Biochemical and Biophysical Research Communications*, **2000**, 278, 27-33	3.4	69
27	Estrogen and tamoxifen metabolites protect smooth muscle cell membrane phospholipids against peroxidation and inhibit cell growth. *Circulation Research*, **1999**, 84, 229-39	15.7	86
26	Adenosine inhibits collagen and total protein synthesis in vascular smooth muscle cells. *Hypertension*, **1999**, 33, 190-4	8.5	38
25	Phytoestrogens inhibit growth and MAP kinase activity in human aortic smooth muscle cells. *Hypertension*, **1999**, 33, 177-82	8.5	113
24	Peroxidase-catalyzed pro- versus antioxidant effects of 4-hydroxytamoxifen: enzyme specificity and biochemical sequelae. *Chemical Research in Toxicology*, **1999**, 12, 28-37	4	26
23	Adenosine inhibits growth of human aortic smooth muscle cells via A2B receptors. *Hypertension*, **1998**, 31, 516-21	8.5	81
22	Adenosine inhibits collagen and protein synthesis in cardiac fibroblasts: role of A2B receptors. *Hypertension*, **1998**, 31, 943-8	8.5	102
21	17Beta-estradiol, its metabolites, and progesterone inhibit cardiac fibroblast growth. *Hypertension*, **1998**, 31, 522-8	8.5	135
20	Cyclic AMP-adenosine pathway induces nitric oxide synthesis in aortic smooth muscle cells. *Hypertension*, **1998**, 31, 296-302	8.5	50
19	Differential effects of hormone-replacement therapy on endogenous nitric oxide (nitrite/nitrate) levels in postmenopausal women substituted with 17 beta-estradiol valerate and cyproterone acetate or medroxyprogesterone acetate. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 388-94	5.6	83
18	Factors controlling growth and matrix production in vascular smooth muscle and glomerular mesangial cells. *Current Opinion in Nephrology and Hypertension*, **1997**, 6, 88-105	3.5	68

17	Amphotericin B as an intracellular antioxidant: protection against 2,2Ưazobis(2,4-dimethylvaleronitrile)-induced peroxidation of membrane phospholipids in rat aortic smooth muscle cells. *Biochemical Pharmacology*, **1997**, 54, 937-45	6	10
16	Exogenous and endogenous adenosine inhibits fetal calf serum-induced growth of rat cardiac fibroblasts: role of A2B receptors. *Circulation*, **1997**, 96, 2656-66	16.7	100
15	Phosphodiesterases in the rat renal vasculature. *Journal of Cardiovascular Pharmacology*, **1997**, 30, 798-801	3.1	21
14	Possible role of adenosine deaminase in vaso-occlusive diseases. *Journal of Hypertension*, **1996**, 14, 19???30	2.9	15
13	Reduced liver function is the trigger for renal sodium retention following portal vein ligation in the rat. *Journal of Gastroenterology and Hepatology (Australia)*, **1996**, 11, 850-6	4	4
12	Smooth muscle cell-derived adenosine inhibits cell growth. *Hypertension*, **1996**, 27, 766-73	8.5	42
11	Adenosine inhibits growth of rat aortic smooth muscle cells. Possible role of A2b receptor. *Hypertension*, **1996**, 27, 786-93	8.5	63
10	Cyclic AMP-adenosine pathway inhibits vascular smooth muscle cell growth. *Hypertension*, **1996**, 28, 765-71	8.5	51
9	Effects of nitric oxide on human spermatozoa: evidence that nitric oxide decreases sperm motility and induces sperm toxicity. *Human Reproduction*, **1995**, 10, 1786-90	5.7	164
8	Circulating nitric oxide (nitrite/nitrate) levels in postmenopausal women substituted with 17 beta-estradiol and norethisterone acetate. A two-year follow-up study. *Hypertension*, **1995**, 25, 848-53	8.5	172
7	Nitric oxide inhibits angiotensin II-induced migration of rat aortic smooth muscle cell. Role of cyclic-nucleotides and angiotensin1 receptors. *Journal of Clinical Investigation*, **1995**, 96, 141-9	15.9	258
6	Culture of rat mesenteric arteriolar smooth muscle cells: effects of platelet-derived growth factor, angiotensin, and nitric oxide on growth. *Cell and Tissue Research*, **1994**, 275, 133-41	4.2	26
5	Vascular biology of human coronary artery and bypass graft disease. *Current Opinion in Cardiology*, **1993**, 8, 963-974	2.1	9
4	Impairment of UDP-glucose dehydrogenase and glucuronidation activities in liver and small intestine of rat and guinea pig in vitro by piperine. *Biochemical Pharmacology*, **1993**, 46, 229-38	6	91
3	Localization and characterization of drug-metabolizing enzymes along the villus-crypt surface of the rat small intestine--I. Monooxygenases. *Biochemical Pharmacology*, **1988**, 37, 169-76	6	25
2	Localization and characterization of drug-metabolizing enzymes along the villus-crypt surface of the rat small intestine--II. Conjugases. *Biochemical Pharmacology*, **1988**, 37, 177-84	6	31
1	Effects of endosulfan and its metabolites on rat liver mitochondrial respiration and enzyme activities in vitro. *Biochemical Pharmacology*, **1984**, 33, 3405-10	6	18