

Raghvendra K Dubey

List of Publications by Year in descending order

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111
papers

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4953
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#	ARTICLE	IF	CITATIONS
1	Transcriptomic and Functional Evidence for Differential Effects of MCF-7 Breast Cancer Cell-Secretome on Vascular and Lymphatic Endothelial Cell Growth. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7192.	4.1	5
2	Transcriptomic Analysis of Human Brain-Microvascular Endothelial Response to -Pericytes: Cell Orientation Defines Barrier Function. <i>Cells</i> , 2021, 10, 963.	4.1	15
3	Modulation of Cyclic AMP Levels in Fallopian Tube Cells by Natural and Environmental Estrogens. <i>Cells</i> , 2021, 10, 1250.	4.1	2
4	Transcriptomic Analysis of Human Brain -Microvascular Endothelial Cell Driven Changes in -Vascular Pericytes. <i>Cells</i> , 2021, 10, 1784.	4.1	8
5	Mammary Epithelial and Endothelial Cell Spheroids as a Potential Functional <i>In vitro</i> Model for Breast Cancer Research. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
6	Proteomic Analysis of Estrogen-Mediated Enhancement of Mesenchymal Stem Cell-Induced Angiogenesis <i>In Vivo</i> . <i>Cells</i> , 2021, 10, 2181.	4.1	3
7	Estradiol Inhibits Human Brain Vascular Pericyte Migration Activity: A Functional and Transcriptomic Analysis. <i>Cells</i> , 2021, 10, 2314.	4.1	6
8	Adenosine, Via A _{2B} Receptors, Inhibits Human (P-SMC) Progenitor Smooth Muscle Cell Growth. <i>Hypertension</i> , 2020, 75, 109-118.	2.7	7
9	Mechanism of 17 β -estradiol stimulated integration of human mesenchymal stem cells in heart tissue. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 115-124.	1.9	9
10	Natural and environmental oestrogens induce TGF β 1 synthesis in oviduct cells. <i>Reproduction</i> , 2018, 155, 233-244.	2.6	10
11	Dihydrotestosterone induces pro-angiogenic factors and assists homing of MSC into the cardiac tissue. <i>Journal of Molecular Endocrinology</i> , 2018, 60, 1-15.	2.5	10
12	2-Methoxyestradiol. <i>Hypertension</i> , 2017, 69, 1014-1016.	2.7	8
13	Adenosine production by brain cells. <i>Journal of Neurochemistry</i> , 2017, 141, 676-693.	3.9	23
14	Piperine Decreases Binding of Drugs to Human Plasma and Increases Uptake by Brain Microvascular Endothelial Cells. <i>Phytotherapy Research</i> , 2017, 31, 1868-1874.	5.8	9
15	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. <i>Medicine (United States)</i> , 2017, 96, e7029.	1.0	11
16	The estrogen metabolites 2-methoxyestradiol and 2-hydroxyestradiol inhibit endometriotic cell proliferation in estrogen-receptor-independent manner. <i>Gynecological Endocrinology</i> , 2016, 32, 529-533.	1.7	10
17	2-Methoxyestradiol, an endogenous 17 β -estradiol metabolite, inhibits microglial proliferation and activation via an estrogen receptor-independent mechanism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E313-E322.	3.5	25
18	2-Methoxyestradiol blocks the RhoA/ROCK1 pathway in human aortic smooth muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E995-E1007.	3.5	8

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19	Adenosine Attenuates Human Coronary Artery Smooth Muscle Cell Proliferation by Inhibiting Multiple Signaling Pathways That Converge on Cyclin D. <i>Hypertension</i> , 2015, 66, 1207-1219.	2.7	32
20	Developmental potential of human oocytes matured in vitro followed by vitrification and activation. <i>Journal of Ovarian Research</i> , 2013, 6, 30.	3.0	45
21	Expression of the $2\text{-}\epsilon^2,3\text{-}\epsilon^2$ -cAMP-adenosine pathway in astrocytes and microglia. <i>Journal of Neurochemistry</i> , 2011, 118, 979-987.	3.9	34
22	Estrogen Receptor- 1α But Not 1β or GPER Inhibits High Glucose-Induced Human VSMC Proliferation: Potential Role of ROS and ERK. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 220-228.	3.6	41
23	Receptor for Activated Protein Kinase C1 Regulates Cell Proliferation by Modulating Calcium Signaling. <i>Hypertension</i> , 2011, 58, 689-695.	2.7	12
24	$2\text{-}\epsilon^2$ -AMP and $3\text{-}\epsilon^2$ -AMP Inhibit Proliferation of Preglomerular Vascular Smooth Muscle Cells and Glomerular Mesangial Cells via A2B Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 444-450.	2.5	23
25	Estradiol Stimulates Capillary Formation by Human Endothelial Progenitor Cells. <i>Hypertension</i> , 2010, 56, 397-404.	2.7	38
26	Extracellular $3\text{-}\epsilon^2,5\text{-}\epsilon^2$ -cAMP-Adenosine Pathway Inhibits Glomerular Mesangial Cell Growth. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 808-815.	2.5	22
27	Extracellular $2\text{-}\epsilon^2,3\text{-}\epsilon^2$ -Cyclic Adenosine Monophosphate Is a Potent Inhibitor of Preglomerular Vascular Smooth Muscle Cell and Mesangial Cell Growth. <i>Hypertension</i> , 2010, 56, 151-158.	2.7	35
28	Adenosine A_{1} Receptor Activation as a Brake on the Microglial Response after Experimental Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2010, 27, 901-910.	3.4	78
29	Candidate Genes and Mechanisms for 2-Methoxyestradiol-Mediated Vasoprotection. <i>Hypertension</i> , 2010, 56, 964-972.	2.7	30
30	Resveratrol, a Red Wine Constituent, Blocks the Antimitogenic Effects of Estradiol on Human Female Coronary Artery Smooth Muscle Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E9-E17.	3.6	12
31	Potential vascular actions of 2-methoxyestradiol. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 374-379.	7.1	50
32	Stem Cell-Like Human Endothelial Progenitors Show Enhanced Colony-Forming Capacity After Brief Sevoflurane Exposure: Preconditioning of Angiogenic Cells by Volatile Anesthetics. <i>Anesthesia and Analgesia</i> , 2009, 109, 1117-1126.	2.2	26
33	Medroxyprogesterone Abrogates the Inhibitory Effects of Estradiol on Vascular Smooth Muscle Cells by Preventing Estradiol Metabolism. <i>Hypertension</i> , 2008, 51, 1197-1202.	2.7	11
34	Adenosine in the Kidney. , 2008, , 413-423.		0
35	The Pancreatohepatorenal cAMP-Adenosine Mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 799-809.	2.5	15
36	2-Methoxyestradiol: A Potential Treatment for Multiple Proliferative Disorders. <i>Endocrinology</i> , 2007, 148, 4125-4127.	2.8	20

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37	The Extracellular cAMP-Adenosine Pathway Significantly Contributes to the in Vivo Production of Adenosine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 117-123.	2.5	23
38	Conversion of tibolone to 17 β -methyl-ethinyl estradiol using gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry. <i>Menopause</i> , 2006, 13, 926-934.	2.0	9
39	2-Methoxyestradiol, an Estradiol Metabolite, Inhibits Neointima Formation and Smooth Muscle Cell Growth via Double Blockade of the Cell Cycle. <i>Circulation Research</i> , 2006, 99, 266-274.	4.5	78
40	cAMP-Adenosine Pathway in the Proximal Tubule. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1219-1229.	2.5	41
41	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. <i>Journal of the Society for Gynecologic Investigation</i> , 2006, 13, 542-550.	1.7	47
42	Estradiol Metabolites Attenuate Renal and Cardiovascular Injury Induced by Chronic Nitric Oxide Synthase Inhibition. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 25-35.	1.9	40
43	Cytochromes 1A1/1B1- and Catechol-O-Methyltransferase-Derived Metabolites Mediate Estradiol-Induced Antimitogenesis in Human Cardiac Fibroblast. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 247-255.	3.6	33
44	Adenosine Inhibits PDGF-Induced Growth of Human Glomerular Mesangial Cells Via A 2B Receptors. <i>Hypertension</i> , 2005, 46, 628-634.	2.7	34
45	Vascular consequences of menopause and hormone therapy: Importance of timing of treatment and type of estrogen. <i>Cardiovascular Research</i> , 2005, 66, 295-306.	3.8	197
46	Tibolone and Its Metabolites Induce Antimitogenesis in Human Coronary Artery Smooth Muscle Cells: Role of Estrogen, Progesterone, and Androgen Receptors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 852-859.	3.6	16
47	Catecholamines Block the Antimitogenic Effect of Estradiol on Human Coronary Artery Smooth Muscle Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3922-3931.	3.6	21
48	Cardiovascular Pharmacology of Estradiol Metabolites. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 403-409.	2.5	122
49	2-Hydroxyestradiol Is a Prodrug of 2-Methoxyestradiol. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 1093-1097.	2.5	40
50	Hormone Replacement Therapy and Cardiovascular Disease. <i>Hypertension</i> , 2004, 44, 789-795.	2.7	81
51	Differential Regulation of Estrogen Receptor Subtypes α and β in Human Aortic Smooth Muscle Cells by Oligonucleotides and Estradiol. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2373-2381.	3.6	27
52	A gas chromatography/mass spectrometry assay to measure estradiol, catecholestradiols, and methoxyestradiols in plasma. <i>Steroids</i> , 2004, 69, 255-261.	1.8	27
53	Differential Effects of Natural and Environmental Estrogens on Endothelin Synthesis in Bovine Oviduct Cells ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1430-1436.	2.7	15
54	Methoxyestradiols Mediate the Antimitogenic Effects of 17 β -Estradiol. <i>Circulation</i> , 2003, 108, 2974-2978.	1.6	48

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55	Oviduct Cells Express the Cyclic AMP-Adenosine Pathway ¹ . <i>Biology of Reproduction</i> , 2003, 69, 868-875.	2.7	25
56	Methylation of 2-Hydroxyestradiol in Isolated Organs. <i>Hypertension</i> , 2003, 42, 82-87.	2.7	15
57	Catecholamines Block the Antimitogenic Effect of Estradiol on Human Glomerular Mesangial Cells. <i>Hypertension</i> , 2003, 42, 349-355.	2.7	9
58	Adenosine Biosynthesis in the Collecting Duct. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 888-896.	2.5	36
59	CYP450- and COMT-Derived Estradiol Metabolites Inhibit Activity of Human Coronary Artery SMCs. <i>Hypertension</i> , 2003, 41, 807-813.	2.7	51
60	Sex hormones and hypertension. <i>Cardiovascular Research</i> , 2002, 53, 688-708.	3.8	453
61	Role of Methoxyestradiols in the Growth Inhibitory Effects of Estradiol on Human Glomerular Mesangial Cells. <i>Hypertension</i> , 2002, 39, 418-424.	2.7	50
62	Oral contraceptives and the risk of thrombosis and atherosclerosis. <i>Expert Opinion on Investigational Drugs</i> , 2002, 11, 329-332.	4.1	9
63	Methoxyestradiols Mediate the Antimitogenic Effects of Locally Applied Estradiol on Cardiac Fibroblast Growth. <i>Hypertension</i> , 2002, 39, 412-417.	2.7	40
64	Methoxyestradiols Mediate Estradiol-Induced Antimitogenesis in Human Aortic SMCs. <i>Hypertension</i> , 2002, 39, 874-879.	2.7	67
65	Catecholamines Block 2-Hydroxyestradiol-Induced Antimitogenesis in Mesangial Cells. <i>Hypertension</i> , 2002, 39, 854-859.	2.7	8
66	2-Hydroxyestradiol Attenuates Renal Disease in Chronic Puromycin Aminonucleoside Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2737-2747.	6.1	40
67	A $2B$ Adenosine Receptors Stimulate Growth of Porcine and Rat Arterial Endothelial Cells. <i>Hypertension</i> , 2002, 39, 530-535.	2.7	75
68	Long-term effects of combined oral contraceptives on markers of endothelial function and lipids in healthy premenopausal women. <i>Contraception</i> , 2002, 65, 231-236.	1.5	12
69	Estrogen-induced cardiorenal protection: potential cellular, biochemical, and molecular mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F365-F388.	2.7	208
70	Role of the extracellular cAMP-adenosine pathway in renal physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, F597-F612.	2.7	85
71	Invited Review: Cardiovascular protective effects of 17β -estradiol metabolites. <i>Journal of Applied Physiology</i> , 2001, 91, 1868-1883.	2.5	112
72	A $2B$ Receptors Mediate the Antimitogenic Effects of Adenosine in Cardiac Fibroblasts. <i>Hypertension</i> , 2001, 37, 716-721.	2.7	78

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73	Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1745-1750.	2.4	29
74	Effects of Estradiol and Its Metabolites on Glomerular Endothelial Nitric Oxide Synthesis and Mesangial Cell Growth. <i>Hypertension</i> , 2001, 37, 645-650.	2.7	65
75	Increased 2-Methoxyestradiol Production in Human Coronary Versus Aortic Vascular Cells. <i>Hypertension</i> , 2001, 37, 658-662.	2.7	35
76	Estradiol Metabolites Inhibit Endothelin Synthesis by an Estrogen Receptor-Independent Mechanism. <i>Hypertension</i> , 2001, 37, 640-644.	2.7	138
77	Endogenous Cyclic AMP-Adenosine Pathway Regulates Cardiac Fibroblast Growth. <i>Hypertension</i> , 2001, 37, 1095-1100.	2.7	53
78	Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 249-254.	2.4	11
79	Vascular effects of environmental oestrogens: implications for reproductive and vascular health. <i>Human Reproduction Update</i> , 2000, 6, 351-363.	10.8	28
80	A2BReceptors Mediate Antimitogenesis in Vascular Smooth Muscle Cells. <i>Hypertension</i> , 2000, 35, 267-272.	2.7	73
81	Cardiac Fibroblasts Express the cAMP-Adenosine Pathway. <i>Hypertension</i> , 2000, 36, 337-342.	2.7	50
82	Estradiol Inhibits Smooth Muscle Cell Growth in Part by Activating the cAMP-Adenosine Pathway. <i>Hypertension</i> , 2000, 35, 262-266.	2.7	53
83	Clinically Used Estrogens Differentially Inhibit Human Aortic Smooth Muscle Cell Growth and Mitogen-Activated Protein Kinase Activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 964-972.	2.4	92
84	Methoxyestradiols Mediate the Antimitogenic Effects of Estradiol on Vascular Smooth Muscle Cells via Estrogen Receptor-Independent Mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 27-33.	2.1	77
85	Estrogen and Tamoxifen Metabolites Protect Smooth Muscle Cell Membrane Phospholipids Against Peroxidation and Inhibit Cell Growth. <i>Circulation Research</i> , 1999, 84, 229-239.	4.5	95
86	Adenosine Inhibits Collagen and Total Protein Synthesis in Vascular Smooth Muscle Cells. <i>Hypertension</i> , 1999, 33, 190-194.	2.7	41
87	Phytoestrogens Inhibit Growth and MAP Kinase Activity in Human Aortic Smooth Muscle Cells. <i>Hypertension</i> , 1999, 33, 177-182.	2.7	123
88	Peroxidase-Catalyzed Pro- versus Antioxidant Effects of 4-Hydroxytamoxifen: Enzyme Specificity and Biochemical Sequelae. <i>Chemical Research in Toxicology</i> , 1999, 12, 28-37.	3.3	28
89	Adenosine Inhibits Growth of Human Aortic Smooth Muscle Cells Via A _{2B} Receptors. <i>Hypertension</i> , 1998, 31, 516-521.	2.7	89
90	Adenosine Inhibits Collagen and Protein Synthesis in Cardiac Fibroblasts. <i>Hypertension</i> , 1998, 31, 943-948.	2.7	113

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91	17 β -Estradiol, Its Metabolites, and Progesterone Inhibit Cardiac Fibroblast Growth. Hypertension, 1998, 31, 522-528.	2.7	153
92	Cyclic AMP-Adenosine Pathway Induces Nitric Oxide Synthesis in Aortic Smooth Muscle Cells. Hypertension, 1998, 31, 296-302.	2.7	53
93	Differential Effects of Hormone-Replacement Therapy on Endogenous Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted with 17 β -Estradiol Valerate and Cyproterone Acetate or Medroxyprogesterone Acetate. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 388-394.	3.6	90
94	Factors controlling growth and matrix production and matrix production in vascular smooth muscle and glomerular mesangial cell. Current Opinion in Nephrology and Hypertension, 1997, 6, 88-105.	2.0	83
95	Amphotericin B as an intracellular antioxidant. Biochemical Pharmacology, 1997, 54, 937-945.	4.4	13
96	Phosphodiesterases in the Rat Renal Vasculature. Journal of Cardiovascular Pharmacology, 1997, 30, 798-801.	1.9	24
97	Exogenous and Endogenous Adenosine Inhibits Fetal Calf Serum-Induced Growth of Rat Cardiac Fibroblasts. Circulation, 1997, 96, 2656-2666.	1.6	113
98	Possible role of adenosine deaminase in vaso-occlusive diseases. Journal of Hypertension, 1996, 14, 1977-1980.	0.5	16
99	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, 850-856.	2.8	4
100	Smooth Muscle Cell-Derived Adenosine Inhibits Cell Growth. Hypertension, 1996, 27, 766-773.	2.7	49
101	Adenosine Inhibits Growth of Rat Aortic Smooth Muscle Cells. Hypertension, 1996, 27, 786-793.	2.7	73
102	Cyclic AMP-Adenosine Pathway Inhibits Vascular Smooth Muscle Cell Growth. Hypertension, 1996, 28, 765-771.	2.7	58
103	Andrology: Effects of nitric oxide on human spermatozoa: evidence that nitric oxide decreases sperm motility and induces sperm toxicity. Human Reproduction, 1995, 10, 1786-1790.	0.9	191
104	Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17 β -Estradiol and Norethisterone Acetate. Hypertension, 1995, 25, 848-853.	2.7	220
105	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, 141-149.	8.2	301
106	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, 133-141.	2.9	27
107	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, 229-238.	4.4	103
108	Vascular biology of human coronary artery and bypass graft disease. Current Opinion in Cardiology, 1993, 8, 963-974.	1.8	10

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109	Localization and characterization of drugmetabolizing enzymes along the villus-crypt surface of the rat small intestineâ€™I. Biochemical Pharmacology, 1988, 37, 169-176.	4.4	28
110	Localization and characterization of drug-metabolizing enzymes along the villus-crypt surface of the rat small intestineâ€™II. Biochemical Pharmacology, 1988, 37, 177-184.	4.4	32
111	Effects of endosulfan and its metabolites on rat liver mitochondrial respiration and enzyme activities in vitro. Biochemical Pharmacology, 1984, 33, 3405-3410.	4.4	21