

Kishore K Wary

List of Publications by Year in descending order

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64
papers

4,939
citations

159585

30
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

5797
citing authors

#	ARTICLE	IF	CITATIONS
1	The Adaptor Protein Shc Couples a Class of Integrins to the Control of Cell Cycle Progression. <i>Cell</i> , 1996, 87, 733-743.	28.9	732
2	A Requirement for Caveolin-1 and Associated Kinase Fyn in Integrin Signaling and Anchorage-Dependent Cell Growth. <i>Cell</i> , 1998, 94, 625-634.	28.9	675
3	The coupling of $\alpha 4 \beta 1$ integrin to Ras-MAP kinase pathways mediated by Shc controls keratinocyte proliferation. <i>EMBO Journal</i> , 1997, 16, 2365-2375.	7.8	297
4	Integrin $\alpha 1 \beta 1$ Mediates a Unique Collagen-dependent Proliferation Pathway In Vivo. <i>Journal of Cell Biology</i> , 1998, 142, 587-594.	5.2	275
5	Perk-Dependent Translational Regulation Promotes Tumor Cell Adaptation and Angiogenesis in Response to Hypoxic Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 9517-9532.	2.3	264
6	Integrin-mediated Activation of Focal Adhesion Kinase Is Required for Signaling to Jun NH2-terminal Kinase and Progression through the G1 Phase of the Cell Cycle. <i>Journal of Cell Biology</i> , 1999, 145, 1461-1470.	5.2	257
7	Fyn Binds to and Phosphorylates the Kidney Slit Diaphragm Component Nephlin. <i>Journal of Biological Chemistry</i> , 2003, 278, 20716-20723.	3.4	209
8	Role of Nox2-Based NADPH Oxidase in Bone Marrow and Progenitor Cell Function Involved in Neovascularization Induced by Hindlimb Ischemia. <i>Circulation Research</i> , 2008, 103, 212-220.	4.5	173
9	Tumor-derived exosomes in the regulation of macrophage polarization. <i>Inflammation Research</i> , 2020, 69, 435-451.	4.0	153
10	Distinct Roles of the Adaptor Protein Shc and Focal Adhesion Kinase in Integrin Signaling to ERK. <i>Journal of Biological Chemistry</i> , 2000, 275, 36532-36540.	3.4	150
11	HIF2 α signaling inhibits adherens junctional disruption in acute lung injury. <i>Journal of Clinical Investigation</i> , 2015, 125, 652-664.	8.2	105
12	Kruppel-Like Factor-4 Transcriptionally Regulates VE-Cadherin Expression and Endothelial Barrier Function. <i>Circulation Research</i> , 2010, 107, 959-966.	4.5	100
13	A Streptococcal Collagen-like Protein Interacts with the $\alpha 2 \beta 1$ Integrin and Induces Intracellular Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 13848-13857.	3.4	95
14	A Novel Binding Site in Collagen Type III for Integrins $\alpha 1 \beta 1$ and $\alpha 2 \beta 1$. <i>Journal of Biological Chemistry</i> , 2005, 280, 32512-32520.	3.4	92
15	Analysis of VEGF-responsive genes involved in the activation of endothelial cells. <i>Molecular Cancer</i> , 2003, 2, 25.	19.2	76
16	Role of c-Met/Phosphatidylinositol 3-Kinase (PI3k)/Akt Signaling in Hepatocyte Growth Factor (HGF)-mediated Lamellipodia Formation, Reactive Oxygen Species (ROS) Generation, and Motility of Lung Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 13476-13491.	3.4	73
17	Transforming growth factor $\beta 2$ regulates cell-cell adhesion through extracellular matrix remodeling and activation of focal adhesion kinase in human colon carcinoma Moser cells. <i>Oncogene</i> , 2004, 23, 5558-5561.	5.9	65
18	Aqueous extract of betel-nut of North-East India induces DNA-strand breaks and enhances rate of cell proliferation in vitro. <i>Journal of Cancer Research and Clinical Oncology</i> , 1988, 114, 579-582.	2.5	63

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19	Regulation of cell-cell interactions by phosphatidic acid phosphatase 2b/VCIIP. EMBO Journal, 2003, 22, 1539-1554.	7.8	63
20	Cytogenetic findings in primary uveal melanoma. Cancer Genetics and Cytogenetics, 1994, 72, 109-115.	1.0	59
21	Exosomes in the Regulation of Vascular Endothelial Cell Regeneration. Frontiers in Cell and Developmental Biology, 2019, 7, 353.	3.7	56
22	Src kinase has a central role in in vitro cellular internalization of Staphylococcus aureus. Cellular Microbiology, 2003, 5, 417-426.	2.1	54
23	Bone Marrow Progenitor Cells Induce Endothelial Adherens Junction Integrity by Sphingosine-1-Phosphate-Mediated Rac1 and Cdc42 Signaling. Circulation Research, 2009, 105, 696-704.	4.5	51
24	Oxidized LDL signals through Rho-GTPase to induce endothelial cell stiffening and promote capillary formation. Journal of Lipid Research, 2016, 57, 791-808.	4.2	44
25	Lipid Phosphate Phosphatase 3 Stabilization of β -Catenin Induces Endothelial Cell Migration and Formation of Branching Point Structures. Molecular and Cellular Biology, 2010, 30, 1593-1606.	2.3	41
26	Sphingosine-1-Phosphate Receptor 1 Activity Promotes Tumor Growth by Amplifying VEGF-VEGFR2 Angiogenic Signaling. Cell Reports, 2019, 29, 3472-3487.e4.	6.4	41
27	KIF13B regulates angiogenesis through golgi-plasma membrane trafficking of VEGFR2. Journal of Cell Science, 2014, 127, 4518-30.	2.0	40
28	Histone Demethylases KDM4A and KDM4C Regulate Differentiation of Embryonic Stem Cells to Endothelial Cells. Stem Cell Reports, 2015, 5, 10-21.	4.8	40
29	NANOG induction of fetal liver kinase-1 (FLK1) transcription regulates endothelial cell proliferation and angiogenesis. Blood, 2011, 117, 1761-1769.	1.4	39
30	Study of unscheduled DNA synthesis following exposure of human cells to arecoline and extracts of betel nut in vitro. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1992, 278, 271-276.	1.2	34
31	TIRAP in the Mechanism of Inflammation. Frontiers in Immunology, 2021, 12, 697588.	4.8	34
32	Cytotoxic and cytostatic effects of arecoline and sodium nitrite on human cells in vitro. International Journal of Cancer, 1991, 47, 396-400.	5.1	31
33	Requirement of $\alpha 4 \beta 1$ and $\alpha 5 \beta 1$ Integrin Expression in Bone-Marrow Derived Progenitor Cells in Preventing Endotoxin-Induced Lung Vascular Injury and Edema in Mice. Stem Cells, 2009, 27, N/A-N/A.	3.2	29
34	Murine lipid phosphate phosphohydrolase-3 acts as a cell-associated integrin ligand. Biochemical and Biophysical Research Communications, 2005, 335, 906-919.	2.1	28
35	Familial uveal melanoma: absence of germline mutations involving the cyclin-dependent kinase-4 inhibitor gene (p16). Ophthalmic Genetics, 1996, 17, 39-40.	1.2	27
36	Flk1+ and VE-Cadherin+ Endothelial Cells Derived from iPSCs Recapitulates Vascular Development during Differentiation and Display Similar Angiogenic Potential as ESC-Derived Cells. PLoS ONE, 2013, 8, e85549.	2.5	27

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37	Integrin $\alpha_6\beta_1$ Expressed in ESCs Instructs the Differentiation to Endothelial Cells. <i>Stem Cells</i> , 2015, 33, 1719-1729.	3.2	27
38	Suicide Gene Reveals the Myocardial Neovascularization Role of Mesenchymal Stem Cells Overexpressing CXCR4 (MSCCXCR4). <i>PLoS ONE</i> , 2012, 7, e46158.	2.5	25
39	Focal adhesion kinase regulation of neovascularization. <i>Microvascular Research</i> , 2012, 83, 64-70.	2.5	24
40	Anti-lipid phosphate phosphohydrolase-3 (LPP3) antibody inhibits bFGF- and VEGF-induced capillary morphogenesis of endothelial cells. <i>Cell Communication and Signaling</i> , 2005, 3, 9.	6.5	23
41	Macrophage neuronal nitric oxide synthase (NOS1) controls the inflammatory response and foam cell formation in atherosclerosis. <i>International Immunopharmacology</i> , 2020, 83, 106382.	3.8	23
42	The allosteric glycogen synthase kinase-3 inhibitor NP12 limits myocardial remodeling and promotes angiogenesis in an acute myocardial infarction model. <i>Journal of Biological Chemistry</i> , 2017, 292, 20785-20798.	3.4	22
43	oxLDL induces endothelial cell proliferation via Rho/ROCK/Akt/p27kip1 signaling: opposite effects of oxLDL and cholesterol loading. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C340-C351.	4.6	22
44	Lipid phosphate phosphatase-3 regulates tumor growth via β -catenin and Cyclin-D1 signaling. <i>Molecular Cancer</i> , 2011, 10, 51.	19.2	21
45	Endothelial lipid phosphate phosphatase-3 deficiency that disrupts the endothelial barrier function is a modifier of cardiovascular development. <i>Cardiovascular Research</i> , 2016, 111, 105-118.	3.8	19
46	Low-Dose 6-Bromoindirubin-3-oxime Induces Partial Dedifferentiation of Endothelial Cells to Promote Increased Neovascularization. <i>Stem Cells</i> , 2014, 32, 1538-1552.	3.2	18
47	LDL induces cholesterol loading and inhibits endothelial proliferation and angiogenesis in Matrigels: correlation with impaired angiogenesis during wound healing. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C762-C776.	4.6	18
48	Biochemical Analysis of Integrin-Mediated Shc Signaling. , 1999, 129, 35-50.		17
49	Induced Pluripotent Stem (iPS) Cell Culture Methods and Induction of Differentiation into Endothelial Cells. <i>Methods in Molecular Biology</i> , 2015, 1357, 311-327.	0.9	17
50	Endothelial invasive response in a co-culture model with physically-induced osteodifferentiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 621-630.	2.7	12
51	Molecular targets for anti-angiogenic therapy. <i>Current Opinion in Molecular Therapeutics</i> , 2004, 6, 54-70.	2.8	12
52	Inhibition of the TIRAP-c-Jun interaction as a therapeutic strategy for AP1-mediated inflammatory responses. <i>International Immunopharmacology</i> , 2019, 71, 188-197.	3.8	11
53	The expanding roles of neuronal nitric oxide synthase (NOS1). <i>PeerJ</i> , 0, 10, e13651.	2.0	11
54	Hyperoxia-induced S1P1 signaling reduced angiogenesis by suppression of TIE-2 leading to experimental bronchopulmonary dysplasia. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 561-573.	1.8	7

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55	Signaling through Raf-1 in the neovasculature and target validation by nanoparticles. <i>Molecular Cancer</i> , 2003, 2, 27.	19.2	6
56	Chromatin-modifying agents convert fibroblasts to OCT4+ and VEGFR-2+ capillary tube-forming cells. <i>PLoS ONE</i> , 2017, 12, e0176496.	2.5	4
57	Low-Level Nanog Expression in the Regulation of Quiescent Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2244-2264.	2.4	3
58	Effect of the radioprotector 2-mercaptopropionylglycine(MPG) on the radiation inactivation of catalase in vitro.. <i>Journal of Radiation Research</i> , 1988, 29, 104-109.	1.6	2
59	Recognizing scientific excellence in the biology of cell adhesion. <i>Cell Communication and Signaling</i> , 2005, 3, 7.	6.5	2
60	Fyn binds to and phosphorylates the kidney slit diaphragm component Nephlin. Vol. 278 (2003) 20716-20723. <i>Journal of Biological Chemistry</i> , 2005, 280, 26640.	3.4	1
61	The adapter protein Shc couples a class of integrins to the control of the cell cycle. <i>Kidney International</i> , 1999, 56, 1189.	5.2	0
62	Requirement of $\alpha 4\beta 1$ and $\alpha 5\beta 1$ Integrin Expression in Bone Marrow Derived Progenitor Cells in Preventing Endotoxin Induced Lung Vascular Injury and Edema in Mice. <i>FASEB Journal</i> , 2010, 24, 39.5.	0.5	0
63	Wnt Signaling Mediates Dedifferentiation of Endothelial Cells during Neovascularization. <i>FASEB Journal</i> , 2012, 26, 1121.1.	0.5	0
64	Tie2-Cre mediated Inactivation of Lipid phosphate phosphatase (Lpp) Results in Vascular Defects. <i>FASEB Journal</i> , 2012, 26, 841.1.	0.5	0