

Sameer V B Kumar

List of Publications by Year in descending order

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44
papers

940
citations

471061

17
h-index

476904

29
g-index

46
all docs

46
docs citations

46
times ranked

1440
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial cell response to lactate: Implication of PAR modification of VEGF. <i>Journal of Cellular Physiology</i> , 2007, 211, 477-485.	2.0	116
2	Horizontal transfer of miR-23a from hypoxic tumor cell colonies can induce angiogenesis. <i>Journal of Cellular Physiology</i> , 2018, 233, 3498-3514.	2.0	63
3	The tumour suppressor LKB1 regulates myelination through mitochondrial metabolism. <i>Nature Communications</i> , 2014, 5, 4993.	5.8	61
4	Modulation of digestive enzymes, GH, IGF-1 and IGF-2 genes in the teleost, Tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT//Overlock 10 Tf 50 6	1.1	54
5	Carbon Quantum Dot-Modified Carbon Paste Electrode-Based Sensor for Selective and Sensitive Determination of Adrenaline. <i>ACS Omega</i> , 2019, 4, 7903-7910.	1.6	50
6	Individual and simultaneous electrochemical determination of metanil yellow and curcumin on carbon quantum dots based glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2018, 93, 21-27.	3.8	46
7	Horizontal transfer of miR-106a/b from cisplatin resistant hepatocarcinoma cells can alter the sensitivity of cervical cancer cells to cisplatin. <i>Cellular Signalling</i> , 2017, 38, 146-158.	1.7	39
8	Modulation of angiogenic factors by ursolic acid. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 556-560.	1.0	36
9	Angiogenic Profiling of Synthesized Carbon Quantum Dots. <i>Biochemistry</i> , 2015, 54, 6352-6356.	1.2	35
10	Temporal relationship between MMP production and angiogenic process in HUVECs. <i>Cell Biology International</i> , 2006, 30, 704-713.	1.4	34
11	Changes in expression of VE-cadherin and MMPs in endothelial cells: Implications for angiogenesis. <i>Vascular Cell</i> , 2011, 3, 6.	0.2	29
12	Antioxidant and cytotoxic activities of sulfated polysaccharides from five different edible seaweeds. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 567-576.	1.6	29
13	Opposing effects of curcuminoids on serum stimulated and unstimulated angiogenic response. <i>Journal of Cellular Physiology</i> , 2008, 215, 251-264.	2.0	28
14	MoS ₂ /ZnO nanocomposites as highly functional agents for anti-angiogenic and anti-cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3048-3057.	2.9	28
15	Role of Sirtuins in Tumor Angiogenesis. <i>Frontiers in Oncology</i> , 2019, 9, 1516.	1.3	27
16	2-Deoxy Glucose Modulates Expression and Biological Activity of VEGF in a SIRT-1 Dependent Mechanism. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 252-262.	1.2	22
17	Angiogenic response of endothelial cells to heparin-binding domain of fibronectin. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 215-226.	1.2	20
18	Fabrication of a Greener TiO ₂ @Gum Arabic-Carbon Paste Electrode for the Electrochemical Detection of Pb ²⁺ Ions in Plastic Toys. <i>ACS Omega</i> , 2020, 5, 25390-25399.	1.6	18

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19	Study of <i>In vitro</i> antioxidant and DNA damage protection activity of a novel luteolin derivative isolated from <i>Terminalia chebula</i> . Journal of Taibah University for Science, 2019, 13, 755-763.	1.1	15
20	Modulation of cyclooxygenase in endothelial cells by fibronectin: Relevance to angiogenesis. Journal of Cellular Biochemistry, 2008, 105, 158-166.	1.2	14
21	Regulation of vascular endothelial growth factor by metabolic context of the cell. Glycoconjugate Journal, 2014, 31, 427-434.	1.4	14
22	Poly(N-vinyl-2-pyrrolidone-maleic anhydride-styrene) grafted terpolymer: Synthesis, characterization, and bactericidal property evaluation against <i>E. coli</i> and <i>S. epidermidis</i> . Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 480-488.	1.2	14
23	Synthesis, characterization, microstructure determination, thermal studies of poly (N-vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Applied Chemistry, 2018, 55, 362-368.	1.2	13
24	Modulation of endothelial nitric oxide synthase by fibronectin. Molecular and Cellular Biochemistry, 2009, 323, 91-100.	1.4	11
25	2-Deoxy glucose regulate MMP-9 in a SIRT-1 dependent and NFkB independent mechanism. Molecular and Cellular Biochemistry, 2016, 423, 197-206.	1.4	11
26	ER stress mediated regulation of miR23a confer Hela cells better adaptability to utilize glycolytic pathway. Journal of Cellular Biochemistry, 2018, 119, 4907-4917.	1.2	11
27	MicroRNA106a regulates matrix metalloprotease 9 in a sirtuin-1 dependent mechanism. Journal of Cellular Physiology, 2018, 233, 238-248.	2.0	11
28	Modulation of expression of LDH isoenzymes in endothelial cells by laminin: Implications for angiogenesis. Journal of Cellular Biochemistry, 2008, 103, 1808-1825.	1.2	9
29	A Facile Regioselective Synthesis of New Class of Cyclopent[<i>b</i>]indole dispiro heterocycles via 1,3-dipolar Cycloaddition protocol and <i>in vitro</i> Cytotoxic studies. ChemistrySelect, 2017, 2, 2626-2633.	0.7	9
30	Endothelial cell laminin interaction: modulation of LDH expression involves β 4 integrin FAK p38MAPK pathway. Glycoconjugate Journal, 2009, 26, 697-704.	1.4	8
31	Horizontal Transfer of miR-643 from Cisplatin-Resistant Cells Confers Chemoresistance to Recipient Drug-Sensitive Cells by Targeting APOL6. Cells, 2021, 10, 1341.	1.8	8
32	Carbon Quantum Dots: A Potential Candidate for Diagnostic and Therapeutic Application. , 2020, , 49-70.		8
33	Negative modulation of eNOS by laminin involving post-translational phosphorylation. Journal of Cellular Physiology, 2009, 219, 123-131.	2.0	7
34	Poly-ADP-Ribosylation of Vascular Endothelial Growth Factor and Its Implications on Angiogenesis. Advances in Experimental Medicine and Biology, 2012, 749, 269-278.	0.8	7
35	Angiogenic Response of Endothelial Cells to Fibronectin. Advances in Experimental Medicine and Biology, 2012, 749, 131-151.	0.8	6
36	Curcumin and its synthetic analogue dimethoxycurcumin differentially modulates antioxidant status of normal human peripheral blood mononuclear cells. Free Radical Research, 2018, 52, 583-591.	1.5	6

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37	Tumour generated exosomal miRNAs: A major player in tumour angiogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166383.	1.8	5
38	Synthesis of 9-[1-(Substituted)-2-(Phosphonomethoxy)Ethyl]Adenine Derivatives as Possible Antiviral Agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 1569-1585.	0.4	4
39	Angiogenic effect of laminin involves modulation of cyclooxygenase-2 and prostaglandin levels. <i>Experimental Biology and Medicine</i> , 2011, 236, 44-51.	1.1	3
40	Synthesis of heteroannulated cyclopent[<i>b</i>]indoles: Exploration of <i>in vitro</i> cytotoxicity and molecular docking studies. <i>Synthetic Communications</i> , 2018, 48, 447-461.	1.1	3
41	Synthesis of Novel Quin[1,2- <i>b</i>]Acridines: <i>In Vitro</i> Cytotoxicity and Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1631-1645.	1.4	3
42	Regulation of poly ADP-ribosylation of VEGF by an interplay between PARP-16 and TNKS-2. <i>Molecular and Cellular Biochemistry</i> , 2020, 471, 15-27.	1.4	2
43	2-Deoxy Glucose Reduces Angiogenic and Metastatic Potency of Tumor Cells. <i>Journal of Cell Signaling</i> , 2017, 02, .	0.3	0
44	Synthesis of (2 <i>S</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i>)-2-(4-amino-5 <i>H</i> -pyrrolo[3,2- <i>d</i>]pyrimidin-7-yl)-5-(hydroxymethyl)-3-methylpyrrolidine-3,4-diol, an analog of potent HCV inhibitor. , 2005, , .		0