

# Sameer V B Kumar

## List of Publications by Citations

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42  
papers

676  
citations

15  
h-index

24  
g-index

46  
ext. papers

805  
ext. citations

4.5  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
42	Endothelial cell response to lactate: implication of PAR modification of VEGF. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 211, 477-85	7	90
41	The tumour suppressor LKB1 regulates myelination through mitochondrial metabolism. <i>Nature Communications</i> , <b>2014</b> , 5, 4993	17.4	48
40	Horizontal transfer of miR-23a from hypoxic tumor cell colonies can induce angiogenesis. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 3498-3514	7	45
39	Modulation of angiogenic factors by ursolic acid. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 556-60	3.4	33
38	Carbon Quantum Dot-Modified Carbon Paste Electrode-Based Sensor for Selective and Sensitive Determination of Adrenaline. <i>ACS Omega</i> , <b>2019</b> , 4, 7903-7910	3.9	32
37	Modulation of digestive enzymes, GH, IGF-1 and IGF-2 genes in the teleost, Tilapia ( <i>Oreochromis mossambicus</i> ) by dietary curcumin. <i>Aquaculture International</i> , <b>2016</b> , 24, 1277-1286	2.6	31
36	Angiogenic Profiling of Synthesized Carbon Quantum Dots. <i>Biochemistry</i> , <b>2015</b> , 54, 6352-6	3.2	29
35	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> , <b>2017</b> , 38, 146-158	4.9	29
34	Temporal relationship between MMP production and angiogenic process in HUVECs. <i>Cell Biology International</i> , <b>2006</b> , 30, 704-13	4.5	29
33	Opposing effects of curcuminoids on serum stimulated and unstimulated angiogenic response. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 215, 251-64	7	26
32	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> , <b>2018</b> , 93, 21-27	8.3	25
31	Changes in expression of VE-cadherin and MMPs in endothelial cells: Implications for angiogenesis. <i>Vascular Cell</i> , <b>2011</b> , 3, 6	1	23
30	MoS-ZnO nanocomposites as highly functional agents for anti-angiogenic and anti-cancer theranostics. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 3048-3057	7.3	20
29	Angiogenic response of endothelial cells to heparin-binding domain of fibronectin. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2008</b> , 40, 215-26	5.6	19
28	2-Deoxy Glucose Modulates Expression and Biological Activity of VEGF in a SIRT-1 Dependent Mechanism. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 252-262	4.7	16
27	Modulation of cyclooxygenase in endothelial cells by fibronectin: relevance to angiogenesis. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 105, 158-66	4.7	13
26	Role of Sirtuins in Tumor Angiogenesis. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1516	5.3	13

25	Poly(N-vinyl-2-pyrrolidone-maleic anhydride-styrene) grafted terpolymer: Synthesis, characterization, and bactericidal property evaluation against E. coli and S. epidermidis. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2017</b> , 54, 480-488	2.2	12
24	Regulation of vascular endothelial growth factor by metabolic context of the cell. <i>Glycoconjugate Journal</i> , <b>2014</b> , 31, 427-34	3	12
23	Synthesis, characterization, microstructure determination, thermal studies of poly (N-vinyl pyrrolidone-maleic anhydride-methyl methacrylate). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2018</b> , 55, 362-368	2.2	11
22	Modulation of endothelial nitric oxide synthase by fibronectin. <i>Molecular and Cellular Biochemistry</i> , <b>2009</b> , 323, 91-100	4.2	10
21	Antioxidant and cytotoxic activities of sulfated polysaccharides from five different edible seaweeds. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 567-576	2.8	10
20	Modulation of expression of LDH isoenzymes in endothelial cells by laminin: implications for angiogenesis. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 103, 1808-25	4.7	9
19	Study of In vitro antioxidant and DNA damage protection activity of a novel luteolin derivative isolated from Terminalia chebula. <i>Journal of Taibah University for Science</i> , <b>2019</b> , 13, 755-763	3	8
18	MicroRNA106a regulates matrix metalloprotease 9 in a sirtuin-1 dependent mechanism. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 238-248	7	8
17	2-Deoxy glucose regulate MMP-9 in a SIRT-1 dependent and NFkB independent mechanism. <i>Molecular and Cellular Biochemistry</i> , <b>2016</b> , 423, 197-206	4.2	8
16	ER stress mediated regulation of miR23a confer Hela cells better adaptability to utilize glycolytic pathway. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 4907-4917	4.7	7
15	Endothelial cell-laminin interaction: modulation of LDH expression involves alpha6beta4 integrin-FAK-p38MAPK pathway. <i>Glycoconjugate Journal</i> , <b>2009</b> , 26, 697-704	3	7
14	Fabrication of a Greener TiO@Gum Arabic-Carbon Paste Electrode for the Electrochemical Detection of Pb Ions in Plastic Toys. <i>ACS Omega</i> , <b>2020</b> , 5, 25390-25399	3.9	7
13	A Facile Regioselective Synthesis of New Class of Cyclopent[b]indole dispiro heterocycles via 1,3-Dipolar Cycloaddition protocol and in vitro Cytotoxic studies. <i>ChemistrySelect</i> , <b>2017</b> , 2, 2626-2633 <sup>1.8</sup>		6
12	Negative modulation of eNOS by laminin involving post-translational phosphorylation. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 219, 123-31	7	6
11	Carbon Quantum Dots: A Potential Candidate for Diagnostic and Therapeutic Application <b>2020</b> , 49-70		5
10	Curcumin and its synthetic analogue dimethoxycurcumin differentially modulates antioxidant status of normal human peripheral blood mononuclear cells. <i>Free Radical Research</i> , <b>2018</b> , 52, 583-591	4	4
9	Angiogenic response of endothelial cells to fibronectin. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 749, 131-51	3.6	4
8	Synthesis of 9-[1-(substituted)-2-(phosphonomethoxy)ethyl]adenine derivatives as possible antiviral agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2005</b> , 24, 1569-85	1.4	4

7	Poly-ADP-ribosylation of vascular endothelial growth factor and its implications on angiogenesis. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 749, 269-78	3.6	4
6	Synthesis of heteroannulated cyclopent[b]indoles: Exploration of in vitro cytotoxicity and molecular docking studies. <i>Synthetic Communications</i> , <b>2018</b> , 48, 447-461	1.7	3
5	Angiogenic effect of laminin involves modulation of cyclooxygenase-2 and prostaglandin levels. <i>Experimental Biology and Medicine</i> , <b>2011</b> , 236, 44-51	3.7	3
4	Horizontal Transfer of miR-643 from Cisplatin-Resistant Cells Confers Chemoresistance to Recipient Drug-Sensitive Cells by Targeting APOE. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
3	Synthesis of Novel Quin[1,2-b]Acridines: In Vitro Cytotoxicity and Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> , <b>2019</b> , 1-15	1.3	2
2	Regulation of poly ADP-ribosylation of VEGF by an interplay between PARP-16 and TNKS-2. <i>Molecular and Cellular Biochemistry</i> , <b>2020</b> , 471, 15-27	4.2	1
1	Tumour generated exosomal miRNAs: A major player in tumour angiogenesis.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 166383	6.9	0