

Sameer V B Kumar

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.

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 | Tumour generated exosomal miRNAs: A major player in tumour angiogenesis.. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022 , 166383 | 6.9 | 0 |
| 41 | Horizontal Transfer of miR-643 from Cisplatin-Resistant Cells Confers Chemoresistance to Recipient Drug-Sensitive Cells by Targeting APOL6. <i>Cells</i> , 2021 , 10, | 7.9 | 2 |
| 40 | Antioxidant and cytotoxic activities of sulfated polysaccharides from five different edible seaweeds. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 567-576 | 2.8 | 10 |
| 39 | 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 | 4.2 | 1 |
| 38 | Carbon Quantum Dots: A Potential Candidate for Diagnostic and Therapeutic Application 2020 , 49-70 | | 5 |
| 37 | Fabrication of a Greener TiO@Gum Arabic-Carbon Paste Electrode for the Electrochemical Detection of Pb Ions in Plastic Toys. <i>ACS Omega</i> , 2020 , 5, 25390-25399 | 3.9 | 7 |
| 36 | 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> , 2019 , 13, 755-763 | 3 | 8 |
| 35 | Carbon Quantum Dot-Modified Carbon Paste Electrode-Based Sensor for Selective and Sensitive Determination of Adrenaline. <i>ACS Omega</i> , 2019 , 4, 7903-7910 | 3.9 | 32 |
| 34 | Role of Sirtuins in Tumor Angiogenesis. <i>Frontiers in Oncology</i> , 2019 , 9, 1516 | 5.3 | 13 |
| 33 | Synthesis of Novel Quin[1,2-b]Acridines: In Vitro Cytotoxicity and Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> , 2019 , 1-15 | 1.3 | 2 |
| 32 | 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> , 2018 , 55, 362-368 | 2.2 | 11 |
| 31 | MoS-ZnO nanocomposites as highly functional agents for anti-angiogenic and anti-cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3048-3057 | 7.3 | 20 |
| 30 | Curcumin and its synthetic analogue dimethoxycurcumin differentially modulates antioxidant status of normal human peripheral blood mononuclear cells. <i>Free Radical Research</i> , 2018 , 52, 583-591 | 4 | 4 |
| 29 | ER stress mediated regulation of miR23a confer Hela cells better adaptability to utilize glycolytic pathway. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 4907-4917 | 4.7 | 7 |
| 28 | Synthesis of heteroannulated cyclopent[b]indoles: Exploration of in vitro cytotoxicity and molecular docking studies. <i>Synthetic Communications</i> , 2018 , 48, 447-461 | 1.7 | 3 |
| 27 | MicroRNA106a regulates matrix metalloprotease 9 in a sirtuin-1 dependent mechanism. <i>Journal of Cellular Physiology</i> , 2018 , 233, 238-248 | 7 | 8 |
| 26 | Horizontal transfer of miR-23a from hypoxic tumor cell colonies can induce angiogenesis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3498-3514 | 7 | 45 |

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| 25 | 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 | 8.3 | 25 |
| 24 | 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 | 4.7 | 16 |
| 23 | 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> , 2017 , 2, 2626-2633 | 1.8 | 6 |
| 22 | 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> , 2017 , 54, 480-488 | 2.2 | 12 |
| 21 | 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 | 4.9 | 29 |
| 20 | 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> , 2016 , 24, 1277-1286 | 2.6 | 31 |
| 19 | 2-Deoxy glucose regulate MMP-9 in a SIRT-1 dependent and NFkB independent mechanism. <i>Molecular and Cellular Biochemistry</i> , 2016 , 423, 197-206 | 4.2 | 8 |
| 18 | Angiogenic Profiling of Synthesized Carbon Quantum Dots. <i>Biochemistry</i> , 2015 , 54, 6352-6 | 3.2 | 29 |
| 17 | The tumour suppressor LKB1 regulates myelination through mitochondrial metabolism. <i>Nature Communications</i> , 2014 , 5, 4993 | 17.4 | 48 |
| 16 | Regulation of vascular endothelial growth factor by metabolic context of the cell. <i>Glycoconjugate Journal</i> , 2014 , 31, 427-34 | 3 | 12 |
| 15 | Angiogenic response of endothelial cells to fibronectin. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 749, 131-51 | 3.6 | 4 |
| 14 | Poly-ADP-ribosylation of vascular endothelial growth factor and its implications on angiogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 749, 269-78 | 3.6 | 4 |
| 13 | Changes in expression of VE-cadherin and MMPs in endothelial cells: Implications for angiogenesis. <i>Vascular Cell</i> , 2011 , 3, 6 | 1 | 23 |
| 12 | Angiogenic effect of laminin involves modulation of cyclooxygenase-2 and prostaglandin levels. <i>Experimental Biology and Medicine</i> , 2011 , 236, 44-51 | 3.7 | 3 |
| 11 | Negative modulation of eNOS by laminin involving post-translational phosphorylation. <i>Journal of Cellular Physiology</i> , 2009 , 219, 123-31 | 7 | 6 |
| 10 | Modulation of endothelial nitric oxide synthase by fibronectin. <i>Molecular and Cellular Biochemistry</i> , 2009 , 323, 91-100 | 4.2 | 10 |
| 9 | Endothelial cell-laminin interaction: modulation of LDH expression involves alpha6beta4 integrin-FAK-p38MAPK pathway. <i>Glycoconjugate Journal</i> , 2009 , 26, 697-704 | 3 | 7 |
| 8 | Angiogenic response of endothelial cells to heparin-binding domain of fibronectin. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 215-26 | 5.6 | 19 |

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| 7 | Modulation of angiogenic factors by ursolic acid. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 556-60 | 3-4 | 33 |
| 6 | Modulation of expression of LDH isoenzymes in endothelial cells by laminin: implications for angiogenesis. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1808-25 | 4-7 | 9 |
| 5 | Modulation of cyclooxygenase in endothelial cells by fibronectin: relevance to angiogenesis. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 158-66 | 4-7 | 13 |
| 4 | Opposing effects of curcuminoids on serum stimulated and unstimulated angiogenic response. <i>Journal of Cellular Physiology</i> , 2008 , 215, 251-64 | 7 | 26 |
| 3 | Endothelial cell response to lactate: implication of PAR modification of VEGF. <i>Journal of Cellular Physiology</i> , 2007 , 211, 477-85 | 7 | 90 |
| 2 | Temporal relationship between MMP production and angiogenic process in HUVECs. <i>Cell Biology International</i> , 2006 , 30, 704-13 | 4-5 | 29 |
| 1 | Synthesis of 9-[1-(substituted)-2-(phosphonomethoxy)ethyl]adenine derivatives as possible antiviral agents. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005 , 24, 1569-85 | 1-4 | 4 |