

# Santosh Kumar Guru

## List of Publications by Citations

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65  
papers

1,726  
citations

27  
h-index

38  
g-index

66  
ext. papers

2,029  
ext. citations

5.6  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
65	Green synthesis and anticancer potential of chalcone linked-1,2,3-triazoles. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 126, 944-953	6.8	103
64	C60-fullerenes for delivery of docetaxel to breast cancer cells: A promising approach for enhanced efficacy and better pharmacokinetic profile. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 551-559	6.5	71
63	Conjugation of Docetaxel with Multiwalled Carbon Nanotubes and Codelivery with Piperine: Implications on Pharmacokinetic Profile and Anticancer Activity. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 2423-2432	5.6	60
62	Capsaicin production by <i>Alternaria alternata</i> , an endophytic fungus from <i>Capsicum annum</i> ; LC-ESI-MS/MS analysis. <i>Phytochemistry</i> , <b>2014</b> , 98, 183-9	4	58
61	Secalonic Acid-D Represses HIF1 $\alpha$ /VEGF-Mediated Angiogenesis by Regulating the Akt/mTOR/p70S6K Signaling Cascade. <i>Cancer Research</i> , <b>2015</b> , 75, 2886-96	10.1	56
60	Dextran-PLGA-loaded docetaxel micelles with enhanced cytotoxicity and better pharmacokinetic profile. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 88, 206-12	7.9	55
59	Discovery of a marine-derived bis-indole alkaloid fascaplysin, as a new class of potent P-glycoprotein inducer and establishment of its structure-activity relationship. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 107, 1-11	6.8	54
58	Cytotoxicity and antimicrobial activity of the methanol extract and compounds from <i>Polygonum limbatum</i> . <i>Planta Medica</i> , <b>2012</b> , 78, 787-92	3.1	53
57	Autophagy triggered by magnolol derivative negatively regulates angiogenesis. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e889	9.8	52
56	A novel triazole derivative of betulinic acid induces extrinsic and intrinsic apoptosis in human leukemia HL-60 cells. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 108, 104-116	6.8	50
55	Isolation and characterization of bioactive metabolites from <i>Xylaria psidii</i> , an endophytic fungus of the medicinal plant <i>Aegle marmelos</i> and their role in mitochondrial dependent apoptosis against pancreatic cancer cells. <i>Phytomedicine</i> , <b>2016</b> , 23, 1312-1320	6.5	46
54	Disruption of the PI3K/AKT/mTOR signaling cascade and induction of apoptosis in HL-60 cells by an essential oil from <i>Monarda citriodora</i> . <i>Food and Chemical Toxicology</i> , <b>2013</b> , 62, 246-54	4.7	46
53	Enhanced apoptotic effect of curcumin loaded solid lipid nanoparticles. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 3411-21	5.6	44
52	Bioactive metabolites from an endophytic <i>Cryptosporiopsis</i> sp. inhabiting <i>Clidemia hirta</i> . <i>Phytochemistry</i> , <b>2013</b> , 95, 291-7	4	43
51	A novel quinazolinone chalcone derivative induces mitochondrial dependent apoptosis and inhibits PI3K/Akt/mTOR signaling pathway in human colon cancer HCT-116 cells. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 87, 1-11	4.7	42
50	Enhanced anticancer potential of encapsulated solid lipid nanoparticles of TPD: a novel triterpenediol from <i>Boswellia serrata</i> . <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 225-35	5.6	41
49	Cu/Mn spinel oxide catalyzed synthesis of imidazo[1,2-a]pyridines through domino three-component coupling and 5-exo-dig cyclization in water. <i>RSC Advances</i> , <b>2013</b> , 3, 20869	3.7	38

48	Fascaplysin induces caspase mediated crosstalk between apoptosis and autophagy through the inhibition of PI3K/AKT/mTOR signaling cascade in human leukemia HL-60 cells. <i>Journal of Cellular Biochemistry</i> , <b>2015</b> , 116, 985-97	4.7	38
47	A marine sponge alkaloid derivative 4-chloro fascaplysin inhibits tumor growth and VEGF mediated angiogenesis by disrupting PI3K/Akt/mTOR signaling cascade. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 275, 47-60	5	37
46	VEGF-neuropilin-2 signaling promotes stem-like traits in breast cancer cells by TAZ-mediated repression of the Rac GAP $\beta$ -chimaerin. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	34
45	Anticancer activity, toxicity and pharmacokinetic profile of an indanone derivative. <i>European Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 47, 988-95	5.1	33
44	Evaluation of bis-hexadecyltrimethyl ammonium palladium tetrachloride based dual functional colloidal carrier as an antimicrobial and anticancer agent. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6582-91	4.3	33
43	Cytotoxic and antimicrobial activity of selected Cameroonian edible plants. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 78	4.7	31
42	Chitosan-Stearic Acid Based Polymeric Micelles for the Effective Delivery of Tamoxifen: Cytotoxic and Pharmacokinetic Evaluation. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 759-768	3.9	30
41	An investigation of in vitro cytotoxicity and apoptotic potential of aromatic diselenides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 3440-6	2.9	30
40	Hybrid surfactants decorated with copper ions: aggregation behavior, antimicrobial activity and anti-proliferative effect. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 23961-70	3.6	29
39	6-Aryl substituted 4-(4-cyanomethyl) phenylamino quinazolines as a new class of isoform-selective PI3K- $\alpha$ inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 122, 731-743	6.8	27
38	Synthesis of 5-substituted-1H-pyrazolo[4,3-d]pyrimidin-7(6H)-one analogs and their biological evaluation as anticancer agents: mTOR inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 80, 201-8	6.8	26
37	Design of Novel 3-Pyrimidinylazaindole CDK2/9 Inhibitors with Potent In Vitro and In Vivo Antitumor Efficacy in a Triple-Negative Breast Cancer Model. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 9470-9489	8.3	25
36	Synthesis and anti-proliferative activities of new derivatives of embelin. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 4865-70	2.9	23
35	Saccharonol B, a new cytotoxic methylated isocoumarin from <i>Saccharomonospora azurea</i> . <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 6695-6699	2	23
34	Colchicine derivatives with potent anticancer activity and reduced P-glycoprotein induction liability. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 5674-89	3.9	22
33	Discovery and Preclinical Development of IIM-290, an Orally Active Potent Cyclin-Dependent Kinase Inhibitor. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 1664-1687	8.3	22
32	The synthetic tryptanthrin analogue suppresses STAT3 signaling and induces caspase dependent apoptosis via ERK up regulation in human leukemia HL-60 cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e110411	3.7	22
31	Pyrano-isochromanones as IL-6 inhibitors: synthesis, in vitro and in vivo antiarthritic activity. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 7085-97	8.3	21

30	Synthesis, antiproliferative and apoptosis-inducing activity of thiazolo[5,4-d]pyrimidines. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 70, 864-74	6.8	21
29	3-(Benzo[d][1,3]dioxol-5-ylamino)-N-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance via inhibition of angiogenesis and P-glycoprotein efflux pump activity. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 4296-309	3.9	20
28	Induction of mitochondrial dependent apoptosis and cell cycle arrest in human promyelocytic leukemia HL-60 cells by an extract from <i>Dorstenia psilurus</i> : a spice from Cameroon. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 223	4.7	20
27	IMP3 Stabilization of WNT5B mRNA Facilitates TAZ Activation in Breast Cancer. <i>Cell Reports</i> , <b>2018</b> , 23, 2559-2567	10.6	20
26	Tiron and trolox potentiate the autophagic cell death induced by magnolol analog Ery5 by activation of Bax in HL-60 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2013</b> , 18, 605-17	5.4	19
25	One-step synthesis of silver metallosurfactant as an efficient antibacterial and anticancer material. <i>RSC Advances</i> , <b>2016</b> , 6, 57084-57097	3.7	18
24	A chromatography-free isolation of rohitukine from leaves of <i>Dysoxylum binectariferum</i> : Evaluation for in vitro cytotoxicity, Cdk inhibition and physicochemical properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 3457-63	2.9	18
23	In Vitro Anticancer Activities of <i>Anogeissus latifolia</i> , <i>Terminalia bellerica</i> , <i>Acacia catechu</i> and <i>Moringa oleifera</i> Indian Plants. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 6423-8	1.7	18
22	Interplay between cell cycle and autophagy induced by boswellic acid analog. <i>Scientific Reports</i> , <b>2016</b> , 6, 33146	4.9	17
21	The anti-angiogenic and cytotoxic effects of the boswellic acid analog BA145 are potentiated by autophagy inhibitors. <i>Molecular Cancer</i> , <b>2015</b> , 14, 6	42.1	16
20	Modulation of glycolysis and lipogenesis by novel PI3K selective molecule represses tumor angiogenesis and decreases colorectal cancer growth. <i>Cancer Letters</i> , <b>2016</b> , 374, 250-60	9.9	16
19	Two new amides with cytotoxic activity from the fruits of <i>Piper longum</i> . <i>Journal of Asian Natural Products Research</i> , <b>2011</b> , 13, 143-8	1.5	15
18	A novel stereo bioactive metabolite isolated from an endophytic fungus induces caspase dependent apoptosis and STAT-3 inhibition in human leukemia cells. <i>European Journal of Pharmacology</i> , <b>2015</b> , 765, 75-85	5.3	14
17	Reversal of boswellic acid analog BA145 induced caspase dependent apoptosis by PI3K inhibitor LY294002 and MEK inhibitor PD98059. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2013</b> , 18, 1561-73	5.4	13
16	Design and synthesis of a new class of cryptophycins based tubulin inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 93, 55-63	6.8	13
15	Antiproliferative and antimicrobial activities of alkylbenzoquinone derivatives from <i>Ardisia kivuensis</i> . <i>Pharmaceutical Biology</i> , <b>2014</b> , 52, 392-7	3.8	9
14	3-(2,6-Dichloro-benzyloxy)-11-oxo-olean-12-ene-29-oic acid, a semisynthetic derivative of glycyrrhetic acid: synthesis, antiproliferative, apoptotic and anti-angiogenesis activity. <i>MedChemComm</i> , <b>2015</b> , 6, 564-575	5	6
13	Terpenoid and flavonoid spectrum of in vitro cultures of revealed high chemical heterogeneity: platform to understand biosynthesis. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2016</b> , 124, 507-516	2.7	6

12	A novel quinazolinone derivative induces cytochrome interdependent apoptosis and autophagy in human leukemia MOLT-4 cells. <i>Toxicology Reports</i> , <b>2014</b> , 1, 1013-1025	4.8	6
11	A Novel Quinoline Based Second-generation mTOR Inhibitor that Induces Apoptosis and Disrupts PI3K-Akt-mTOR Signaling in Human Leukemia HL-60 Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 1297-304	2.2	6
10	Trifluoroacetic acid catalyzed thiophenylmethylation and thioalkylmethylation of lactams and phenols via domino three-component reaction in water. <i>RSC Advances</i> , <b>2014</b> , 4, 14081-14088	3.7	4
9	Structure activity relationship of arylidene pyrrolo and pyrido [2,1-b] quinazolones as cytotoxic agents: synthesis, SAR studies, biological evaluation and docking studies. <i>Medicinal Chemistry</i> , <b>2013</b> , 9, 642-50	1.8	4
8	Multiple Pharmacological Properties of a Novel Parthenin Analog P16 as Evident by its Cytostatic and Antiangiogenic Potential Against Pancreatic Adenocarcinoma PANC -1 Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2016</b> , 16, 771-80	2.2	3
7	Identification and Evaluation of Apoptosis-Inducing Activity of Ipomone from : A Novel, Unusual Bicyclo-[3.2.1] Octanone Containing Gibberic Acid Diterpenoid. <i>ACS Omega</i> , <b>2021</b> , 6, 8253-8260	3.9	3
6	Exploring new Horizons in overcoming P-glycoprotein-mediated multidrug-resistant breast cancer via nanoscale drug delivery platforms.. <i>Current Research in Pharmacology and Drug Discovery</i> , <b>2021</b> , 2, 100054	3	3
5	Serotype-dependent recombinant adeno-associated vector (AAV) infection of Epstein-Barr virus-positive B-cells, towards recombinant AAV-based therapy of focal EBV + lymphoproliferative disorders. <i>Virology Journal</i> , <b>2021</b> , 18, 223	6.1	0
4	Combination of docetaxel and newly synthesized 9-Br-trimethoxybenzyl-noscapine improve tubulin binding and enhances antitumor activity in breast cancer cells. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 139, 104996	7	0
3	Induction of apoptosis in human bladder cancer cells by triterpenoids isolated from through differential reactive oxygen species generation. <i>Natural Product Research</i> , <b>2021</b> , 35, 5629-5636	2.3	0
2	Nanomedicine as a magic bullet for combating lymphoma.. <i>Journal of Controlled Release</i> , <b>2022</b> , 347, 211-236	2.3	0
1	LCMS-DNP based dereplication of <i>Araucaria cunninghamii</i> Mudie gum-resin: identification of new cytotoxic labdane diterpene. <i>Natural Product Research</i> , 1-8	2.3	