

Subash Chandra Gupta

List of Articles by Year in descending order

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106

PR articles

18,380

PR citations

27242

53

PR h-index

27759

104

g-index

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20674

doc citations

31037

55

h-index

39711

citing authors

#	ARTICLE	IF	CITATIONS
1	SAP30, an oncogenic driver of progression, poor survival, and drug resistance in neuroblastoma. <i>Molecular Therapy - Nucleic Acids</i> , 2024, 35, 101543.	5.5	5
2	Anti-cancer activities based on ZnII complex of potassium 5-thiophen-2-yl-[1,3,4]-oxadiazole-2-thiolate: Synthesis, crystal structure, photoluminescence study and Hirshfeld analysis. <i>Journal of Molecular Structure</i> , 2024, 1313, 138697.	4.1	3
3	Efficacy of Cannabis and its Constituents in Disease Management: Insights from Clinical Studies. <i>Current Medicinal Chemistry</i> , 2023, 30, 178-202.	2.8	6
4	Potential of Cytochrome P450, a Family of Xenobiotic Metabolizing Enzymes, in Cancer Therapy. <i>Antioxidants and Redox Signaling</i> , 2023, 38, 853-876.	6.3	34
5	Microcystis aeruginosa-mediated biofabrication of silver nanoparticles exhibiting antibacterial, antioxidant, anticancer, and azo dye degrading catalytic activities. <i>Biomass Conversion and Biorefinery</i> , 2023, 14, 25513-25531.	2.9	1
6	Phytochemicals in cancer cell chemosensitization: Current knowledge and future perspectives. <i>Seminars in Cancer Biology</i> , 2022, 80, 306-339.	13.7	132
7	The emerging role of non-coding RNAs in the epigenetic regulation of pediatric cancers. <i>Seminars in Cancer Biology</i> , 2022, 83, 227-241.	13.7	25
8	Piperlongumine, a piper alkaloid, enhances the efficacy of doxorubicin in breast cancer: involvement of glucose import, ROS, NF- κ B and lncRNAs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 261-282.	7.0	20
9	miR-15a and miR-15b modulate natural killer and CD8+T-cell activation and anti-tumor immune response by targeting PD-L1 in neuroblastoma. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 308-329.	4.9	32
10	Melatonin induces apoptosis and cell cycle arrest in cervical cancer cells via inhibition of NF- κ B pathway. <i>Inflammopharmacology</i> , 2022, 30, 1411-1429.	4.5	29
11	Combination Therapy Comprising Paclitaxel and 5-Fluorouracil by Using Folic Acid Functionalized Bovine Milk Exosomes Improves the Therapeutic Efficacy against Breast Cancer. <i>Life</i> , 2022, 12, 1143.	2.6	63
12	Cannabis and its constituents for cancer: History, biogenesis, chemistry and pharmacological activities. <i>Pharmacological Research</i> , 2021, 163, 105302.	9.1	68
13	COVID-19 and Cancer Comorbidity: Therapeutic Opportunities and Challenges. <i>Theranostics</i> , 2021, 11, 731-753.	11.3	91
14	Evaluation of antioxidant, anti-inflammatory and anticancer activities of diosgenin enriched Paris polyphylla rhizome extract of Indian Himalayan landraces. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113842.	5.3	49
15	Long noncoding RNAs in triple-negative breast cancer: A new frontier in the regulation of tumorigenesis. <i>Journal of Cellular Physiology</i> , 2021, 236, 7938-7965.	4.1	54
16	Genes involved in phosphatidylcholine biosynthesis correlate with nuclear factor- κ B in biliary tract cancer patients: Evidence from 1H NMR and computational analyses. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158970.	2.4	1
17	Biogenic synthesis and characterization of selenium nanoparticles and their applications with special reference to antibacterial, antioxidant, anticancer and photocatalytic activity. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2679-2696.	3.3	46
18	COVID-19, cytokines, inflammation, and spices: How are they related?. <i>Life Sciences</i> , 2021, 284, 119201.	4.5	86

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19	Inflammation and ROS in arthritis: management by Ayurvedic medicinal plants. <i>Food and Function</i> , 2021, 12, 8227-8247.	5.3	41
20	miR-15a-5p, miR-15b-5p, and miR-16-5p inhibit tumor progression by directly targeting MYCN in neuroblastoma. <i>Molecular Oncology</i> , 2020, 14, 180-196.	4.1	118
21	Long non-coding RNAs and nuclear factor- κ B crosstalk in cancer and other human diseases. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188316.	7.0	95
22	Oxidative Stress and Cancer Development: Are Noncoding RNAs the Missing Links?. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 1209-1229.	6.3	43
23	Clinico-pathological peculiarities of human papilloma virus driven head and neck squamous cell carcinoma: A comprehensive update. <i>Life Sciences</i> , 2020, 245, 117383.	4.5	27
24	Epoxyazadiradione exhibit activities in head and neck squamous cell carcinoma by targeting multiple pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 763-782.	7.0	13
25	Is curcumin bioavailability a problem in humans: lessons from clinical trials. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 705-733.	2.7	186
26	Caffeine-enhanced anti-tumor immune response through decreased expression of PD1 on infiltrated cytotoxic T lymphocytes. <i>European Journal of Pharmacology</i> , 2019, 859, 172538.	4.3	25
27	The role of exosomes and MYC in therapy resistance of acute myeloid leukemia: Challenges and opportunities. <i>Molecular Aspects of Medicine</i> , 2019, 70, 21-32.	9.4	27
28	All edible materials derived biocompatible and biodegradable triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 65, 104016.	16.2	130
29	Current research in biotechnology: Exploring the biotech forefront. <i>Current Research in Biotechnology</i> , 2019, 1, 34-40.	3.9	22
30	Curcuma raktakanda Induces Apoptosis and Suppresses Migration in Cancer Cells: Role of Reactive Oxygen Species. <i>Biomolecules</i> , 2019, 9, 159.	4.2	33
31	Long non-coding RNAs are emerging targets of phytochemicals for cancer and other chronic diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1947-1966.	5.5	209
32	Cancer drug development: The missing links. <i>Experimental Biology and Medicine</i> , 2019, 244, 663-689.	2.4	95
33	Health benefits of resveratrol: Evidence from clinical studies. <i>Medicinal Research Reviews</i> , 2019, 39, 1851-1891.	13.5	462
34	Isodeoxyelephantopin, a Sesquiterpene Lactone Induces ROS Generation, Suppresses NF- κ B Activation, Modulates LncRNA Expression and Exhibit Activities Against Breast Cancer. <i>Scientific Reports</i> , 2019, 9, .	3.4	31
35	Targeting α ppaB kinases for cancer therapy. <i>Seminars in Cancer Biology</i> , 2019, 56, 12-24.	13.7	48
36	MUC13 contributes to rewiring of glucose metabolism in pancreatic cancer. <i>Oncogenesis</i> , 2018, 7, .	5.6	34

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37	Dietary nutraceuticals as backbone for bone health. <i>Biotechnology Advances</i> , 2018, 36, 1633-1648.	11.8	61
38	PD-L1, inflammation, non-coding RNAs, and neuroblastoma: Immuno-oncology perspective. <i>Seminars in Cancer Biology</i> , 2018, 52, 53-65.	13.7	71
39	Inflammation, a Double-Edge Sword for Cancer and Other Age-Related Diseases. <i>Frontiers in Immunology</i> , 2018, 9, .	4.9	213
40	Googling the Guggul (Commiphora and Boswellia) for Prevention of Chronic Diseases. <i>Frontiers in Pharmacology</i> , 2018, 9, .	3.8	121
41	Chronic diseases, inflammation, and spices: how are they linked?. <i>Journal of Translational Medicine</i> , 2018, 16, .	6.4	300
42	Anti-cancer activities of Bharangin against breast cancer: Evidence for the role of NF- κ B and lncRNAs. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2738-2749.	2.0	43
43	Reactive oxygen species (ROS) and cancer: Role of antioxidative nutraceuticals. <i>Cancer Letters</i> , 2017, 387, 95-105.	8.6	863
44	Potential of long non-coding RNAs in cancer patients: From biomarkers to therapeutic targets. <i>International Journal of Cancer</i> , 2017, 140, 1955-1967.	4.3	472
45	Regulation of cell signaling pathways by dietary agents for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2017, 46, 158-181.	13.7	66
46	Role of miRNAs in development and disease: Lessons learnt from small organisms. <i>Life Sciences</i> , 2017, 185, 8-14.	4.5	85
47	Curcumin mediates anticancer effects by modulating multiple cell signaling pathways. <i>Clinical Science</i> , 2017, 131, 1781-1799.	6.2	300
48	Neem (<i>Azadirachta indica</i>): An indian traditional panacea with modern molecular basis. <i>Phytomedicine</i> , 2017, 34, 14-20.	7.5	199
49	Curcumin downregulates human tumor necrosis factor- α levels: A systematic review and meta-analysis of randomized controlled trials. <i>Pharmacological Research</i> , 2016, 107, 234-242.	9.1	282
50	Serendipity in Cancer Drug Discovery: Rational or Coincidence?. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 435-450.	11.4	66
51	β -Tocotrienol suppresses growth and sensitises human colorectal tumours to capecitabine in a nude mouse xenograft model by down-regulating multiple molecules. <i>British Journal of Cancer</i> , 2016, 115, 814-824.	5.5	47
52	Regulation of alternative splicing of Bcl-x by BC200 contributes to breast cancer pathogenesis. <i>Cell Death and Disease</i> , 2016, 7, e2262-e2262.	8.5	145
53	Cancer Drug Development Using <i>Drosophila</i> as an in vivo Tool: From Bedside to Bench and Back. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 789-806.	11.4	63
54	Regulation of breast tumorigenesis through acid sensors. <i>Oncogene</i> , 2015, 35, 4102-4111.	6.5	75

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55	Targeting death receptors for TRAIL by agents designed by Mother Nature. Trends in Pharmacological Sciences, 2014, 35, 520-536.	11.4	63
56	Piperlongumine Chemosensitizes Tumor Cells through Interaction with Cysteine 179 of I κ B Kinase, Leading to Suppression of NF- κ B Regulated Gene Products. Molecular Cancer Therapeutics, 2014, 13, 2422-2435.	1.9	51
57	Curcumin, a component of golden spice: From bedside to bench and back. Biotechnology Advances, 2014, 32, 1053-1064.	11.8	739
58	Downregulation of tumor necrosis factor and other proinflammatory biomarkers by polyphenols. Archives of Biochemistry and Biophysics, 2014, 559, 91-99.	2.8	286
59	Cancer drug discovery by repurposing: teaching new tricks to old dogs. Trends in Pharmacological Sciences, 2013, 34, 508-517.	11.4	316
60	Curcumin-free turmeric exhibits anti-inflammatory and anticancer activities: Identification of novel components of turmeric. Molecular Nutrition and Food Research, 2013, 57, 1529-1542.	4.0	288
61	Sarcolipin trumps β adrenergic receptor signaling as the favored mechanism for muscle-based diet-induced thermogenesis. FASEB Journal, 2013, 27, 3871-3878.	0.6	57
62	Nimbolide, a Limonoid Triterpene, Inhibits Growth of Human Colorectal Cancer Xenografts by Suppressing the Proinflammatory Microenvironment. Clinical Cancer Research, 2013, 19, 4465-4476.	6.8	100
63	Curcumin, a component of turmeric: From farm to pharmacy. BioFactors, 2013, 39, 2-13.	5.2	354
64	Morin inhibits STAT3 tyrosine 705 phosphorylation in tumor cells through activation of protein tyrosine phosphatase SHP1. Biochemical Pharmacology, 2013, 85, 898-912.	5.1	71
65	Azadirone, a Limonoid Tetranortriterpene, Induces Death Receptors and Sensitizes Human Cancer Cells to Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) through a p53 Protein-independent Mechanism. Journal of Biological Chemistry, 2013, 288, 32343-32356.	2.2	57
66	Curcumin: an orally bioavailable blocker of TNF and other pro-inflammatory biomarkers. British Journal of Pharmacology, 2013, 169, 1672-1692.	6.3	366
67	Multitargeting by turmeric, the golden spice: From kitchen to clinic. Molecular Nutrition and Food Research, 2013, 57, 1510-1528.	4.0	350
68	RANKL Signaling and Osteoclastogenesis Is Negatively Regulated by Cardamonin. PLoS ONE, 2013, 8, e64118.	2.3	22
69	Zyflamend Sensitizes Tumor Cells to TRAIL-Induced Apoptosis Through Up-Regulation of Death Receptors and Down-Regulation of Survival Proteins: Role of ROS-Dependent CCAAT/Enhancer-Binding Protein-Homologous Protein Pathway. Antioxidants and Redox Signaling, 2012, 16, 413-427.	6.3	19
70	Sarcolipin is a newly identified regulator of muscle-based thermogenesis in mammals. Nature Medicine, 2012, 18, 1575-1579.	33.0	515
71	Thiocolchicoside suppresses osteoclastogenesis induced by RANKL and cancer cells through inhibition of inflammatory pathways: a new use for an old drug. British Journal of Pharmacology, 2012, 165, 2127-2139.	6.3	20
72	Upsides and Downsides of Reactive Oxygen Species for Cancer: The Roles of Reactive Oxygen Species in Tumorigenesis, Prevention, and Therapy. Antioxidants and Redox Signaling, 2012, 16, 1295-1322.	6.3	670

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73	Turmeric (<i>Curcuma longa</i>) inhibits inflammatory nuclear factor (NF) κ B and NF α B-regulated gene products and induces death receptors leading to suppressed proliferation, induced chemosensitization, and suppressed osteoclastogenesis. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 454-465.	4.0	125
74	Historical perspectives on tumor necrosis factor and its superfamily: 25 years later, a golden journey. <i>Blood</i> , 2012, 119, 651-665.	4.2	757
75	Discovery of curcumin, a component of golden spice, and its miraculous biological activities. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 283-299.	2.2	732
76	Tocotrienols fight cancer by targeting multiple cell signaling pathways. <i>Genes and Nutrition</i> , 2012, 7, 43-52.	4.3	111
77	Therapeutic Roles of Curcumin: Lessons Learned from Clinical Trials. <i>AAPS Journal</i> , 2012, 15, 195-218.	3.1	1,800
78	Multitargeting by curcumin as revealed by molecular interaction studies. <i>Natural Product Reports</i> , 2011, 28, 1937.	10.6	613
79	Curcumin suppresses proliferation and induces apoptosis in human biliary cancer cells through modulation of multiple cell signaling pathways. <i>Carcinogenesis</i> , 2011, 32, 1372-1380.	2.8	130
80	Chemosensitization of tumors by resveratrol. <i>Annals of the New York Academy of Sciences</i> , 2011, 1215, 150-160.	4.0	284
81	Neuroprotection by Spice-Derived Nutraceuticals: You Are What You Eat!. <i>Molecular Neurobiology</i> , 2011, 44, 142-159.	3.7	139
82	Epigenetic changes induced by curcumin and other natural compounds. <i>Genes and Nutrition</i> , 2011, 6, 93-108.	4.3	341
83	Enhanced Ca ²⁺ transport and muscle relaxation in skeletal muscle from sarcolipin-null mice. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C841-C849.	4.2	66
84	Role of nuclear factor- κ B-mediated inflammatory pathways in cancer-related symptoms and their regulation by nutritional agents. <i>Experimental Biology and Medicine</i> , 2011, 236, 658-671.	2.4	140
85	Dihydroxypentamethoxyflavone Down-Regulates Constitutive and Inducible Signal Transducers and Activators of Transcription-3 through the Induction of Tyrosine Phosphatase SHP-1. <i>Molecular Pharmacology</i> , 2011, 80, 889-899.	2.6	25
86	Bharangin, a Diterpenoid Quinonemethide, Abolishes Constitutive and Inducible Nuclear Factor- κ B (NF- κ B) Activation by Modifying p65 on Cysteine 38 Residue and Reducing Inhibitor of Nuclear Factor- κ B Kinase Activation, Leading to Suppression of NF- κ B-Regulated Gene Expression and Sensitization of Tumor Cells to Chemotherapeutic Agents. <i>Molecular Pharmacology</i> , 2011, 80, 769-781.	2.6	33
87	Regulation of survival, proliferation, invasion, angiogenesis, and metastasis of tumor cells through modulation of inflammatory pathways by nutraceuticals. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 405-434.	6.9	746
88	Oxidative stress, inflammation, and cancer: How are they linked?. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1603-1616.	3.7	4,795
89	The Catecholaminergic Polymorphic Ventricular Tachycardia Mutation R33Q Disrupts the N-terminal Structural Motif That Regulates Reversible Casequestrin Polymerization. <i>Journal of Biological Chemistry</i> , 2010, 285, 17188-17196.	2.2	30
90	Modification of Cysteine 179 of I κ B Kinase by Nimbolide Leads to Down-regulation of NF- κ B-regulated Cell Survival and Proliferative Proteins and Sensitization of Tumor Cells to Chemotherapeutic Agents. <i>Journal of Biological Chemistry</i> , 2010, 285, 35406-35417.	2.2	97

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91	An Alternately Charged Residue Cluster at the N-terminal End Forms a Ring System and Dynamically Regulates Calsequestrin Polymerization. <i>Biophysical Journal</i> , 2010, 98, 634a.	2.2	0
92	Heat shock proteins in toxicology: How close and how far?. <i>Life Sciences</i> , 2010, 86, 377-384.	4.5	443
93	Chlorpyrifos induces apoptosis and DNA damage in <i>Drosophila</i> through generation of reactive oxygen species. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1415-1423.	6.2	98
94	Inhibiting NF- κ B activation by small molecules as a therapeutic strategy. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 775-787.	2.4	699
95	Impairment of Diastolic Function by Lack of Frequency-Dependent Myofilament Desensitization in Rabbit Right Ventricular Hypertrophy. <i>Circulation: Heart Failure</i> , 2009, 2, 472-481.	4.4	38
96	Pulmonary artery banding alters the expression of Ca ²⁺ transport proteins in the right atrium in rabbits. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1933-H1939.	3.6	18
97	Frequency dependent myofilament desensitization is impaired in rabbit right ventricular hypertrophy. <i>FASEB Journal</i> , 2009, 23, .	0.6	0
98	Corrigendum to "Adverse effect of organophosphate compounds, dichlorvos and chlorpyrifos in the reproductive tissues of transgenic <i>Drosophila melanogaster</i> : 70 kDa heat shock protein as a marker of cellular damage" [Toxicology 238 (2007) 1-14]. <i>Toxicology</i> , 2008, 243, 246.	4.7	2
99	Adverse effect of tannery waste leachates in transgenic <i>Drosophila melanogaster</i> : role of ROS in modulation of Hsp70, oxidative stress and apoptosis. <i>Journal of Applied Toxicology</i> , 2008, 28, 734-748.	3.0	38
100	DNA damage induced by industrial solid waste leachates in <i>Drosophila melanogaster</i> : A mechanistic approach. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 206-216.	2.0	25
101	Induction of hsp70, alterations in oxidative stress markers and apoptosis against dichlorvos exposure in transgenic <i>Drosophila melanogaster</i> : Modulation by reactive oxygen species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 1382-1394.	2.0	70
102	Induction of biochemical stress markers and apoptosis in transgenic <i>Drosophila melanogaster</i> against complex chemical mixtures: Role of reactive oxygen species. <i>Chemico-Biological Interactions</i> , 2007, 169, 171-188.	5.0	32
103	Adverse effect of organophosphate compounds, dichlorvos and chlorpyrifos in the reproductive tissues of transgenic <i>Drosophila melanogaster</i> : 70kDa heat shock protein as a marker of cellular damage. <i>Toxicology</i> , 2007, 238, 1-14.	4.7	52
104	Genotoxicity of industrial solid waste leachates in <i>Drosophila melanogaster</i> . <i>Environmental and Molecular Mutagenesis</i> , 2005, 46, 189-197.	2.0	56
105	Comparative toxic potential of market formulation of two organophosphate pesticides in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ). <i>Cell Biology and Toxicology</i> , 2005, 21, 149-162.	4.9	28
106	Hazardous effect of organophosphate compound, dichlorvos in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ): Induction of hsp70, anti-oxidant enzymes and inhibition of acetylcholinesterase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1725, 81-92.	2.0	53