Subhash C Chauhan

List of Publications by Year in Descending Order

126 papers	6,596 citations	41 h-index	79 g-index
136 ext. papers	7,730 ext. citations	6.4 avg, IF	6.09 L-index

#	Paper	IF	Citations
126	Nanoparticle Self-Assembly for Combination Delivery of Therapeutics to Non-Small Cell Lung Cancer.. *ACS Applied Bio Materials*, **2022**, 5, 1104-1119	4.1	0
125	A global picture: therapeutic perspectives for COVID-19.. *Immunotherapy*, **2022**,	3.8	13
124	The panoramic view of amyotrophic lateral sclerosis: A fatal intricate neurological disorder. *Life Sciences*, **2021**, 288, 120156	6.8	4
123	A bird eye view on cystic fibrosis: An underestimated multifaceted chronic disorder. *Life Sciences*, **2021**, 268, 118959	6.8	4
122	Clinical Implications of Exosomes: Targeted Drug Delivery for Cancer Treatment. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
121	Nanotechnology synergized immunoengineering for cancer. *European Journal of Pharmaceutics and Biopharmaceutics*, **2021**, 163, 72-101	5.7	0
120	COVID-19: fighting the invisible enemy with microRNAs. *Expert Review of Anti-Infective Therapy*, **2021**, 19, 137-145	5.5	37
119	CRISPR Systems for COVID-19 Diagnosis. *ACS Sensors*, **2021**, 6, 1430-1445	9.2	37
118	Milk exosomes: Nature's abundant nanoplatform for theranostic applications. *Bioactive Materials*, **2021**, 6, 2479-2490	16.7	21
117	Bioactive nanotherapeutic trends to combat triple negative breast cancer. *Bioactive Materials*, **2021** , 6, 3269-3287	16.7	11
116	Role of Nutraceuticals in COVID-19 Mediated Liver Dysfunction. *Molecules*, **2020**, 25,	4.8	4
115	Gambogic acid: A shining natural compound to nanomedicine for cancer therapeutics. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2020**, 1874, 188381	11.2	20
114	Pluronic Polymer-Based Ormeloxifene Nanoformulations Induce Superior Anticancer Effects in Pancreatic Cancer Cells. *ACS Omega*, **2020**, 5, 1147-1156	3.9	4
113	Biophysical changes caused by altered MUC13 expression in pancreatic cancer cells. *Micron*, **2020**, 130, 102822	2.3	
112	Tannic acid inhibits lipid metabolism and induce ROS in prostate cancer cells. *Scientific Reports*, **2020**, 10, 980	4.9	23
111	Novel Paclitaxel Nanoformulation Impairs De Novo Lipid Synthesis in Pancreatic Cancer Cells and Enhances Gemcitabine Efficacy. *ACS Omega*, **2020**, 5, 8982-8991	3.9	5
110	A Novel Technique for the Detection of LncRNAs on Tissue Sections. *Springer Protocols*, **2020**, 237-243	0.3	

109	Neutralization of SARS-CoV-2 Spike Protein via Natural Compounds: A Multilayered High Throughput Virtual Screening Approach. *Current Pharmaceutical Design*, **2020**, 26, 5300-5309	3.3	1
108	Friend or Foe? Recent Strategies to Target Myeloid Cells in Cancer. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 351	5.7	22
107	APE1 Promotes Pancreatic Cancer Proliferation through GFR1/Src/ERK Axis-Cascade Signaling in Response to GDNF. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
106	Protein kinase D1 regulates metabolic switch in pancreatic cancer via modulation of mTORC1. *British Journal of Cancer*, **2020**, 122, 121-131	8.7	4
105	VERU-111 suppresses tumor growth and metastatic phenotypes of cervical cancer cells through the activation of p53 signaling pathway. *Cancer Letters*, **2020**, 470, 64-74	9.9	6
104	Comprehensive Review on Current Interventions, Diagnostics, and Nanotechnology Perspectives against SARS-CoV-2. *Bioconjugate Chemistry*, **2020**, 31, 2021-2045	6.3	36
103	Topological and system-level protein interaction network (PIN) analyses to deduce molecular mechanism of curcumin. *Scientific Reports*, **2020**, 10, 12045	4.9	5
102	"Tomorrow Never Dies": Recent Advances in Diagnosis, Treatment, and Prevention Modalities against Coronavirus (COVID-19) amid Controversies. *Diseases (Basel, Switzerland)*, **2020**, 8,	4.4	12
101	Gambogic acid potentiates gemcitabine induced anticancer activity in non-small cell lung cancer. *European Journal of Pharmacology*, **2020**, 888, 173486	5.3	7
100	miR-205: A Potential Biomedicine for Cancer Therapy. *Cells*, **2020**, 9,	7.9	12
99	Smoking and COVID-19: Adding Fuel to the Flame. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	31
98	Ormeloxifene nanotherapy for cervical cancer treatment. *International Journal of Nanomedicine*, **2019**, 14, 7107-7121	7.3	7
97	Cross-Linked Polyphenol-Based Drug Nano-Self-Assemblies Engineered to Blockade Prostate Cancer Senescence. *ACS Applied Materials & Interfaces*, **2019**, 11, 38537-38554	9.5	17
96	Therapeutic efficacy of a novel II/IV-tubulin inhibitor (VERU-111) in pancreatic cancer. *Journal of Experimental and Clinical Cancer Research*, **2019**, 38, 29	12.8	20
95	Next-generation paclitaxel-nanoparticle formulation for pancreatic cancer treatment. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 20, 102027	6	10
94	Cucurbitacin D Reprograms Glucose Metabolic Network in Prostate Cancer. *Cancers*, **2019**, 11,	6.6	13
93	Dietary fatty acids fine-tune Piezo1 mechanical response. *Nature Communications*, **2019**, 10, 1200	17.4	86
92	Superparamagnetic iron oxide nanoparticles of curcumin enhance gemcitabine therapeutic response in pancreatic cancer. *Biomaterials*, **2019**, 208, 83-97	15.6	53

91	Mannose-decorated hybrid nanoparticles for enhanced macrophage targeting. *Biochemistry and Biophysics Reports*, **2019**, 17, 197-207	2.2	25
90	Transmembrane mucin MUC13 distinguishes intraductal papillary mucinous neoplasms from non-mucinous cysts and is associated with high-risk lesions. *Hpb*, **2019**, 21, 87-95	3.8	5
89	A triphenylethylene nonsteroidal SERM attenuates cervical cancer growth. *Scientific Reports*, **2019**, 9, 10917	4.9	5
88	Gemcitabine Combination Nano Therapies for Pancreatic Cancer. *Pharmaceutics*, **2019**, 11,	6.4	32
87	Optical detection of the structural properties of tumor tissue generated by xenografting of drug-sensitive and drug-resistant cancer cells using partial wave spectroscopy (PWS). *Biomedical Optics Express*, **2019**, 10, 6422-6431	3.5	3
86	Novel Mechanistic Insight into the Anticancer Activity of Cucurbitacin D against Pancreatic Cancer (Cuc D Attenuates Pancreatic Cancer). *Cells*, **2019**, 9,	7.9	8
85	Tannic acid-inspired paclitaxel nanoparticles for enhanced anticancer effects in breast cancer cells. *Journal of Colloid and Interface Science*, **2019**, 535, 133-148	9.3	67
84	Targeting IËppaB kinases for cancer therapy. *Seminars in Cancer Biology*, **2019**, 56, 12-24	12.7	27
83	Protein kinase D1 regulates subcellular localisation and metastatic function of metastasis-associated protein 1. *British Journal of Cancer*, **2018**, 118, 587-599	8.7	6
82	MUC13 contributes to rewiring of glucose metabolism in pancreatic cancer. *Oncogenesis*, **2018**, 7, 19	6.6	16
81	Clinical significance of MUC13 in pancreatic ductal adenocarcinoma. *Hpb*, **2018**, 20, 563-572	3.8	11
80	Targeted and theranostic applications for nanotechnologies in medicine **2018**, 399-511		3
79	Development of polyvinylpyrrolidone/paclitaxel self-assemblies for breast cancer. *Acta Pharmaceutica Sinica B*, **2018**, 8, 602-614	15.5	39
78	Role of lncRNAs in ovarian cancer: defining new biomarkers for therapeutic purposes. *Drug Discovery Today*, **2018**, 23, 1635-1643	8.8	68
77	Tannic Acid-Lung Fluid Assemblies Promote Interaction and Delivery of Drugs to Lung Cancer Cells. *Pharmaceutics*, **2018**, 10,	6.4	12
76	Tannic Acid Induces Endoplasmic Reticulum Stress-Mediated Apoptosis in Prostate Cancer. *Cancers*, **2018**, 10,	6.6	26
75	Antibody-Drug Conjugates for Cancer Therapy: Chemistry to Clinical Implications. *Pharmaceuticals*, **2018**, 11,	5.2	113
74	Optical study of chemotherapy efficiency in cancer treatment via intracellular structural disorder analysis using partial wave spectroscopy. *Journal of Biophotonics*, **2018**, 11, e201800056	3.1	5

73	Quantification of photonic localization properties of targeted nuclear mass density variations: Application in cancer-stage detection. *Journal of Biophotonics*, **2018**, 11, e201700257	3.1	8
72	Z Probe, An Efficient Tool for Characterizing Long Non-Coding RNA in FFPE Tissues. *Non-coding RNA*, **2018**, 4,	7.1	6
71	miRNA-205 Nanoformulation Sensitizes Prostate Cancer Cells to Chemotherapy. *Cancers*, **2018**, 10,	6.6	25
70	Ormeloxifene Suppresses Prostate Tumor Growth and Metastatic Phenotypes via Inhibition of Oncogenic □catenin Signaling and EMT Progression. *Molecular Cancer Therapeutics*, **2017**, 16, 2267-2280	6.1	32
69	Magnetic nanoformulations for prostate cancer. *Drug Discovery Today*, **2017**, 22, 1233-1241	8.8	13
68	Disparity in rates of HPV infection and cervical cancer in underserved US populations. *Frontiers in Bioscience - Scholar*, **2017**, 9, 254-269	2.4	9
67	Probing mucin interaction behavior of magnetic nanoparticles. *Journal of Colloid and Interface Science*, **2017**, 488, 258-268	9.3	24
66	miRNA nanotherapeutics for cancer. *Drug Discovery Today*, **2017**, 22, 424-432	8.8	148
65	Restitution of Tumor Suppressor MicroRNA-145 Using Magnetic Nanoformulation for Pancreatic Cancer Therapy. *Journal of Gastrointestinal Surgery*, **2017**, 21, 94-105	3.3	34
64	miR-145: Revival of a Dragon in Pancreatic Cancer. *Journal of Nature and Science*, **2017**, 3,		1
63	Approach for chemosensitization of cisplatin-resistant ovarian cancer by cucurbitacin B. *Tumor Biology*, **2016**, 37, 685-98	2.9	38
62	Cucurbitacin D exhibits potent anti-cancer activity in cervical cancer. *Scientific Reports*, **2016**, 6, 36594	4.9	41
61	Structural studies of UBXN2A and mortalin interaction and the putative role of silenced UBXN2A in preventing response to chemotherapy. *Cell Stress and Chaperones*, **2016**, 21, 313-26	4	8
60	Polyester Particles for Curcumin Delivery **2016**, 651-673		
59	PSMA targeted docetaxel-loaded superparamagnetic iron oxide nanoparticles for prostate cancer. *Colloids and Surfaces B: Biointerfaces*, **2016**, 144, 8-20	6	78
58	Nanoparticle formulation of ormeloxifene for pancreatic cancer. *Biomaterials*, **2015**, 53, 731-43	15.6	32
57	Ormeloxifene suppresses desmoplasia and enhances sensitivity of gemcitabine in pancreatic cancer. *Cancer Research*, **2015**, 75, 2292-304	10.1	56
56	Therapeutic Applications of Curcumin Nanoformulations. *AAPS Journal*, **2015**, 17, 1341-56	3.7	190

55	Ormeloxifene efficiently inhibits ovarian cancer growth. *Cancer Letters*, **2015**, 356, 606-12	9.9	19
54	The roles of cellular nanomechanics in cancer. *Medicinal Research Reviews*, **2015**, 35, 198-223	14.4	29
53	Slit/Robo pathway: a promising therapeutic target for cancer. *Drug Discovery Today*, **2015**, 20, 156-64	8.8	57
52	Implications of protein corona on physico-chemical and biological properties of magnetic nanoparticles. *Biomaterials*, **2015**, 46, 1-12	15.6	121
51	Revisiting stroma in pancreatic cancer. *Oncoscience*, **2015**, 2, 819-20	0.8	2
50	Diallyl Sulfide: Potential Use in Novel Therapeutic Interventions in Alcohol, Drugs, and Disease Mediated Cellular Toxicity by Targeting Cytochrome P450 2E1. *Current Drug Metabolism*, **2015**, 16, 486-503	3.5	49
49	Anti-cancer activity of curcumin loaded nanoparticles in prostate cancer. *Biomaterials*, **2014**, 35, 8635-48	15.6	181
48	Functions and regulation of MUC13 mucin in colon cancer cells. *Journal of Gastroenterology*, **2014**, 49, 1378-91	6.9	32
47	Nanoways to overcome docetaxel resistance in prostate cancer. *Drug Resistance Updates*, **2014**, 17, 13-23	13.2	61
46	Protein kinase D1 attenuates tumorigenesis in colon cancer by modulating β-catenin/T cell factor activity. *Oncotarget*, **2014**, 5, 6867-84	3.3	14
45	MicroRNA-145 targets MUC13 and suppresses growth and invasion of pancreatic cancer. *Oncotarget*, **2014**, 5, 7599-609	3.3	83
44	Novel curcumin-loaded magnetic nanoparticles for pancreatic cancer treatment. *Molecular Cancer Therapeutics*, **2013**, 12, 1471-80	6.1	98
43	Targeting microRNAs in pancreatic cancer: microplayers in the big game. *Cancer Research*, **2013**, 73, 6541-7	10.1	60
42	MicroRNA profiling in prostate cancer--the diagnostic potential of urinary miR-205 and miR-214. *PLoS ONE*, **2013**, 8, e76994	3.7	126
41	Anti-cancer potential of a novel SERM ormeloxifene. *Current Medicinal Chemistry*, **2013**, 20, 4177-84	4.3	25
40	Curcumin Nanomedicine: A Road to Cancer Therapeutics. *Current Pharmaceutical Design*, **2013**, 19, 1994-2010	3.3	86
39	Plasma proteins interaction with curcumin nanoparticles: implications in cancer therapeutics. *Current Drug Metabolism*, **2013**, 14, 504-15	3.5	30
38	Curcumin nanoformulations: a future nanomedicine for cancer. *Drug Discovery Today*, **2012**, 17, 71-80	8.8	477

37	Vitamin E succinate inhibits survivin and induces apoptosis in pancreatic cancer cells. *Genes and Nutrition*, **2012**, 7, 83-9	4.3	14
36	Curcumin-loaded magnetic nanoparticles for breast cancer therapeutics and imaging applications. *International Journal of Nanomedicine*, **2012**, 7, 1761-79	7.3	92
35	Curcumin attenuates Ecatenin signaling in prostate cancer cells through activation of protein kinase D1. *PLoS ONE*, **2012**, 7, e35368	3.7	66
34	Increased expression and aberrant localization of mucin 13 in metastatic colon cancer. *Journal of Histochemistry and Cytochemistry*, **2012**, 60, 822-31	3.4	32
33	MUC13 mucin augments pancreatic tumorigenesis. *Molecular Cancer Therapeutics*, **2012**, 11, 24-33	6.1	66
32	Risk factors for HPV infection among American Indian and white women in the Northern Plains. *Gynecologic Oncology*, **2011**, 121, 532-6	4.9	24
31	Design and engineering of nanogels for cancer treatment. *Drug Discovery Today*, **2011**, 16, 457-63	8.8	147
30	HPV infection among rural American Indian women and urban white women in South Dakota: an HPV prevalence study. *BMC Infectious Diseases*, **2011**, 11, 252	4	15
29	Curcumin suppresses human papillomavirus oncoproteins, restores p53, Rb, and PTPN13 proteins and inhibits benzo[a]pyrene-induced upregulation of HPV E7. *Molecular Carcinogenesis*, **2011**, 50, 47-57	5	71
28	Multi-functional magnetic nanoparticles for magnetic resonance imaging and cancer therapy. *Biomaterials*, **2011**, 32, 1890-905	15.6	354
27	Mucin 13: structure, function, and potential roles in cancer pathogenesis. *Molecular Cancer Research*, **2011**, 9, 531-537	6.6	53
26	Emerging roles of protein kinase D1 in cancer. *Molecular Cancer Research*, **2011**, 9, 985-96	6.6	54
25	Interaction of curcumin nanoformulations with human plasma proteins and erythrocytes. *International Journal of Nanomedicine*, **2011**, 6, 2779-90	7.3	41
24	Biotinylated PAMAM dendrimers for intracellular delivery of cisplatin to ovarian cancer: role of SMVT. *Anticancer Research*, **2011**, 31, 897-906	2.3	58
23	Poly(Ecyclodextrin)/curcumin self-assembly: a novel approach to improve curcumin delivery and its therapeutic efficacy in prostate cancer cells. *Macromolecular Bioscience*, **2010**, 10, 1141-51	5.5	96
22	Fabrication of curcumin encapsulated PLGA nanoparticles for improved therapeutic effects in metastatic cancer cells. *Journal of Colloid and Interface Science*, **2010**, 351, 19-29	9.3	415
21	beta-Cyclodextrin-curcumin self-assembly enhances curcumin delivery in prostate cancer cells. *Colloids and Surfaces B: Biointerfaces*, **2010**, 79, 113-25	6	360
20	Curcumin induces chemo/radio-sensitization in ovarian cancer cells and curcumin nanoparticles inhibit ovarian cancer cell growth. *Journal of Ovarian Research*, **2010**, 3, 11	5.5	133

19	Scope of nanotechnology in ovarian cancer therapeutics. *Journal of Ovarian Research*, **2010**, 3, 19	5.5	27
18	Expression and functions of transmembrane mucin MUC13 in ovarian cancer. *Cancer Research*, **2009**, 69, 765-74	10.1	84
17	Mucins in ovarian cancer diagnosis and therapy. *Journal of Ovarian Research*, **2009**, 2, 21	5.5	40
16	Epidemiology of Human Papilloma Virus (HPV) in Cervical Mucosa. *Methods in Molecular Biology*, **2009**, 471, 439-56	1.4	18
15	Protein kinase D1 (PKD1) influences androgen receptor (AR) function in prostate cancer cells. *Biochemical and Biophysical Research Communications*, **2008**, 373, 618-23	3.4	27
14	MUC4 mucin interacts with and stabilizes the HER2 oncoprotein in human pancreatic cancer cells. *Cancer Research*, **2008**, 68, 2065-70	10.1	127
13	Bryostatin 1 modulates beta-catenin subcellular localization and transcription activity through protein kinase D1 activation. *Molecular Cancer Therapeutics*, **2008**, 7, 2703-12	6.1	31
12	There is a high prevalence of human papillomavirus infection in American Indian women of the Northern Plains. *Gynecologic Oncology*, **2007**, 107, 236-41	4.9	30
11	Combined staining of TAG-72, MUC1, and CA125 improves labeling sensitivity in ovarian cancer: antigens for multi-targeted antibody-guided therapy. *Journal of Histochemistry and Cytochemistry*, **2007**, 55, 867-75	3.4	24
10	Expression of TAG-72 in ovarian cancer and its correlation with tumor stage and patient prognosis. *Cancer Letters*, **2007**, 251, 247-57	9.9	29
9	Aberrant expression of transmembrane mucins, MUC1 and MUC4, in human prostate carcinomas. *Prostate*, **2006**, 66, 421-9	4.2	85
8	Aberrant expression of MUC4 in ovarian carcinoma: diagnostic significance alone and in combination with MUC1 and MUC16 (CA125). *Modern Pathology*, **2006**, 19, 1386-94	9.8	121
7	Engineering and characterization of a divalent single-chain Fv angiotensin II fusion construct of the monoclonal antibody CC49. *Biochemical and Biophysical Research Communications*, **2005**, 329, 168-76	3.4	11
6	The in vivo characteristics of genetically engineered divalent and tetravalent single-chain antibody constructs. *Nuclear Medicine and Biology*, **2005**, 32, 157-64	2.1	32
5	Pharmacokinetics and biodistribution of 177Lu-labeled multivalent single-chain Fv construct of the pancarcinoma monoclonal antibody CC49. *European Journal of Nuclear Medicine and Molecular Imaging*, **2005**, 32, 264-73	8.8	28
4	Penetratin improves tumor retention of single-chain antibodies: a novel step toward optimization of radioimmunotherapy of solid tumors. *Cancer Research*, **2005**, 65, 7840-6	10.1	76
3	Inhibition of MUC4 expression suppresses pancreatic tumor cell growth and metastasis. *Cancer Research*, **2004**, 64, 622-30	10.1	212
2	Pharmacokinetics and biodistribution of genetically engineered antibodies. *Current Opinion in Biotechnology*, **2002**, 13, 603-8	11.4	151

1	Human sperm-specific peptide vaccine that causes long-term reversible contraception. *Biology of Reproduction*, **2002**, 67, 674-80	3.9	49