

Subhash C Chauhan

List of Publications by Citations

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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.

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	Curcumin nanoformulations: a future nanomedicine for cancer. <i>Drug Discovery Today</i> , 2012 , 17, 71-80	8.8	477
125	Fabrication of curcumin encapsulated PLGA nanoparticles for improved therapeutic effects in metastatic cancer cells. <i>Journal of Colloid and Interface Science</i> , 2010 , 351, 19-29	9.3	415
124	beta-Cyclodextrin-curcumin self-assembly enhances curcumin delivery in prostate cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 79, 113-25	6	360
123	Multi-functional magnetic nanoparticles for magnetic resonance imaging and cancer therapy. <i>Biomaterials</i> , 2011 , 32, 1890-905	15.6	354
122	Inhibition of MUC4 expression suppresses pancreatic tumor cell growth and metastasis. <i>Cancer Research</i> , 2004 , 64, 622-30	10.1	212
121	Therapeutic Applications of Curcumin Nanoformulations. <i>AAPS Journal</i> , 2015 , 17, 1341-56	3.7	190
120	Anti-cancer activity of curcumin loaded nanoparticles in prostate cancer. <i>Biomaterials</i> , 2014 , 35, 8635-48	15.6	181
119	Pharmacokinetics and biodistribution of genetically engineered antibodies. <i>Current Opinion in Biotechnology</i> , 2002 , 13, 603-8	11.4	151
118	miRNA nanotherapeutics for cancer. <i>Drug Discovery Today</i> , 2017 , 22, 424-432	8.8	148
117	Design and engineering of nanogels for cancer treatment. <i>Drug Discovery Today</i> , 2011 , 16, 457-63	8.8	147
116	Curcumin induces chemo/radio-sensitization in ovarian cancer cells and curcumin nanoparticles inhibit ovarian cancer cell growth. <i>Journal of Ovarian Research</i> , 2010 , 3, 11	5.5	133
115	MUC4 mucin interacts with and stabilizes the HER2 oncoprotein in human pancreatic cancer cells. <i>Cancer Research</i> , 2008 , 68, 2065-70	10.1	127
114	MicroRNA profiling in prostate cancer--the diagnostic potential of urinary miR-205 and miR-214. <i>PLoS ONE</i> , 2013 , 8, e76994	3.7	126
113	Implications of protein corona on physico-chemical and biological properties of magnetic nanoparticles. <i>Biomaterials</i> , 2015 , 46, 1-12	15.6	121
112	Aberrant expression of MUC4 in ovarian carcinoma: diagnostic significance alone and in combination with MUC1 and MUC16 (CA125). <i>Modern Pathology</i> , 2006 , 19, 1386-94	9.8	121
111	Antibody-Drug Conjugates for Cancer Therapy: Chemistry to Clinical Implications. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	113
110	Novel curcumin-loaded magnetic nanoparticles for pancreatic cancer treatment. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1471-80	6.1	98

109	Poly(β-cyclodextrin)/curcumin self-assembly: a novel approach to improve curcumin delivery and its therapeutic efficacy in prostate cancer cells. <i>Macromolecular Bioscience</i> , 2010 , 10, 1141-51	5.5	96
108	Curcumin-loaded magnetic nanoparticles for breast cancer therapeutics and imaging applications. <i>International Journal of Nanomedicine</i> , 2012 , 7, 1761-79	7.3	92
107	Dietary fatty acids fine-tune Piezo1 mechanical response. <i>Nature Communications</i> , 2019 , 10, 1200	17.4	86
106	Curcumin Nanomedicine: A Road to Cancer Therapeutics. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1994-2010	3.9	86
105	Aberrant expression of transmembrane mucins, MUC1 and MUC4, in human prostate carcinomas. <i>Prostate</i> , 2006 , 66, 421-9	4.2	85
104	Expression and functions of transmembrane mucin MUC13 in ovarian cancer. <i>Cancer Research</i> , 2009 , 69, 765-74	10.1	84
103	MicroRNA-145 targets MUC13 and suppresses growth and invasion of pancreatic cancer. <i>Oncotarget</i> , 2014 , 5, 7599-609	3.3	83
102	PSMA targeted docetaxel-loaded superparamagnetic iron oxide nanoparticles for prostate cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 144, 8-20	6	78
101	Penetratin improves tumor retention of single-chain antibodies: a novel step toward optimization of radioimmunotherapy of solid tumors. <i>Cancer Research</i> , 2005 , 65, 7840-6	10.1	76
100	Curcumin suppresses human papillomavirus oncoproteins, restores p53, Rb, and PTPN13 proteins and inhibits benzo[a]pyrene-induced upregulation of HPV E7. <i>Molecular Carcinogenesis</i> , 2011 , 50, 47-57	5	71
99	Role of lncRNAs in ovarian cancer: defining new biomarkers for therapeutic purposes. <i>Drug Discovery Today</i> , 2018 , 23, 1635-1643	8.8	68
98	Tannic acid-inspired paclitaxel nanoparticles for enhanced anticancer effects in breast cancer cells. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 133-148	9.3	67
97	Curcumin attenuates Eatenin signaling in prostate cancer cells through activation of protein kinase D1. <i>PLoS ONE</i> , 2012 , 7, e35368	3.7	66
96	MUC13 mucin augments pancreatic tumorigenesis. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 24-33	6.1	66
95	Nanoways to overcome docetaxel resistance in prostate cancer. <i>Drug Resistance Updates</i> , 2014 , 17, 13-23	3.2	61
94	Targeting microRNAs in pancreatic cancer: microplayers in the big game. <i>Cancer Research</i> , 2013 , 73, 6541-6547	17.1	60
93	Biotinylated PAMAM dendrimers for intracellular delivery of cisplatin to ovarian cancer: role of SMVT. <i>Anticancer Research</i> , 2011 , 31, 897-906	2.3	58
92	Slit/Robo pathway: a promising therapeutic target for cancer. <i>Drug Discovery Today</i> , 2015 , 20, 156-64	8.8	57

91	Ormeloxifene suppresses desmoplasia and enhances sensitivity of gemcitabine in pancreatic cancer. <i>Cancer Research</i> , 2015 , 75, 2292-304	10.1	56
90	Emerging roles of protein kinase D1 in cancer. <i>Molecular Cancer Research</i> , 2011 , 9, 985-96	6.6	54
89	Superparamagnetic iron oxide nanoparticles of curcumin enhance gemcitabine therapeutic response in pancreatic cancer. <i>Biomaterials</i> , 2019 , 208, 83-97	15.6	53
88	Mucin 13: structure, function, and potential roles in cancer pathogenesis. <i>Molecular Cancer Research</i> , 2011 , 9, 531-537	6.6	53
87	Human sperm-specific peptide vaccine that causes long-term reversible contraception. <i>Biology of Reproduction</i> , 2002 , 67, 674-80	3.9	49
86	Diallyl Sulfide: Potential Use in Novel Therapeutic Interventions in Alcohol, Drugs, and Disease Mediated Cellular Toxicity by Targeting Cytochrome P450 2E1. <i>Current Drug Metabolism</i> , 2015 , 16, 486-505	3.5	49
85	Cucurbitacin D exhibits potent anti-cancer activity in cervical cancer. <i>Scientific Reports</i> , 2016 , 6, 36594	4.9	41
84	Interaction of curcumin nanoformulations with human plasma proteins and erythrocytes. <i>International Journal of Nanomedicine</i> , 2011 , 6, 2779-90	7.3	41
83	Mucins in ovarian cancer diagnosis and therapy. <i>Journal of Ovarian Research</i> , 2009 , 2, 21	5.5	40
82	Development of polyvinylpyrrolidone/paclitaxel self-assemblies for breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2018 , 8, 602-614	15.5	39
81	Approach for chemosensitization of cisplatin-resistant ovarian cancer by cucurbitacin B. <i>Tumor Biology</i> , 2016 , 37, 685-98	2.9	38
80	COVID-19: fighting the invisible enemy with microRNAs. <i>Expert Review of Anti-Infective Therapy</i> , 2021 , 19, 137-145	5.5	37
79	CRISPR Systems for COVID-19 Diagnosis. <i>ACS Sensors</i> , 2021 , 6, 1430-1445	9.2	37
78	Comprehensive Review on Current Interventions, Diagnostics, and Nanotechnology Perspectives against SARS-CoV-2. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2021-2045	6.3	36
77	Restitution of Tumor Suppressor MicroRNA-145 Using Magnetic Nanoformulation for Pancreatic Cancer Therapy. <i>Journal of Gastrointestinal Surgery</i> , 2017 , 21, 94-105	3.3	34
76	Ormeloxifene Suppresses Prostate Tumor Growth and Metastatic Phenotypes via Inhibition of Oncogenic Eatenin Signaling and EMT Progression. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2267-2280	6.1	32
75	Nanoparticle formulation of ormeloxifene for pancreatic cancer. <i>Biomaterials</i> , 2015 , 53, 731-43	15.6	32
74	Gemcitabine Combination Nano Therapies for Pancreatic Cancer. <i>Pharmaceutics</i> , 2019 , 11,	6.4	32

73	Functions and regulation of MUC13 mucin in colon cancer cells. <i>Journal of Gastroenterology</i> , 2014 , 49, 1378-91	6.9	32
72	Increased expression and aberrant localization of mucin 13 in metastatic colon cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2012 , 60, 822-31	3.4	32
71	The in vivo characteristics of genetically engineered divalent and tetravalent single-chain antibody constructs. <i>Nuclear Medicine and Biology</i> , 2005 , 32, 157-64	2.1	32
70	Bryostatins 1 modulates beta-catenin subcellular localization and transcription activity through protein kinase D1 activation. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2703-12	6.1	31
69	Smoking and COVID-19: Adding Fuel to the Flame. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	31
68	There is a high prevalence of human papillomavirus infection in American Indian women of the Northern Plains. <i>Gynecologic Oncology</i> , 2007 , 107, 236-41	4.9	30
67	Plasma proteins interaction with curcumin nanoparticles: implications in cancer therapeutics. <i>Current Drug Metabolism</i> , 2013 , 14, 504-15	3.5	30
66	The roles of cellular nanomechanics in cancer. <i>Medicinal Research Reviews</i> , 2015 , 35, 198-223	14.4	29
65	Expression of TAG-72 in ovarian cancer and its correlation with tumor stage and patient prognosis. <i>Cancer Letters</i> , 2007 , 251, 247-57	9.9	29
64	Pharmacokinetics and biodistribution of ¹⁷⁷ Lu-labeled multivalent single-chain Fv construct of the pancarcinoma monoclonal antibody CC49. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005 , 32, 264-73	8.8	28
63	Scope of nanotechnology in ovarian cancer therapeutics. <i>Journal of Ovarian Research</i> , 2010 , 3, 19	5.5	27
62	Protein kinase D1 (PKD1) influences androgen receptor (AR) function in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 373, 618-23	3.4	27
61	Targeting I κ B kinases for cancer therapy. <i>Seminars in Cancer Biology</i> , 2019 , 56, 12-24	12.7	27
60	Tannic Acid Induces Endoplasmic Reticulum Stress-Mediated Apoptosis in Prostate Cancer. <i>Cancers</i> , 2018 , 10,	6.6	26
59	Mannose-decorated hybrid nanoparticles for enhanced macrophage targeting. <i>Biochemistry and Biophysics Reports</i> , 2019 , 17, 197-207	2.2	25
58	Anti-cancer potential of a novel SERM ormeloxifene. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4177-84	4.3	25
57	miRNA-205 Nanoformulation Sensitizes Prostate Cancer Cells to Chemotherapy. <i>Cancers</i> , 2018 , 10,	6.6	25
56	Probing mucin interaction behavior of magnetic nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017 , 488, 258-268	9.3	24

55	Risk factors for HPV infection among American Indian and white women in the Northern Plains. <i>Gynecologic Oncology</i> , 2011 , 121, 532-6	4.9	24
54	Combined staining of TAG-72, MUC1, and CA125 improves labeling sensitivity in ovarian cancer: antigens for multi-targeted antibody-guided therapy. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 867-75	3.4	24
53	Tannic acid inhibits lipid metabolism and induce ROS in prostate cancer cells. <i>Scientific Reports</i> , 2020 , 10, 980	4.9	23
52	Friend or Foe? Recent Strategies to Target Myeloid Cells in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 351	5.7	22
51	Milk exosomes: Nature's abundant nanoplatfrom for theranostic applications. <i>Bioactive Materials</i> , 2021 , 6, 2479-2490	16.7	21
50	Therapeutic efficacy of a novel β /IV-tubulin inhibitor (VERU-111) in pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 29	12.8	20
49	Gambogic acid: A shining natural compound to nanomedicine for cancer therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020 , 1874, 188381	11.2	20
48	Ormeloxifene efficiently inhibits ovarian cancer growth. <i>Cancer Letters</i> , 2015 , 356, 606-12	9.9	19
47	Epidemiology of Human Papilloma Virus (HPV) in Cervical Mucosa. <i>Methods in Molecular Biology</i> , 2009 , 471, 439-56	1.4	18
46	Cross-Linked Polyphenol-Based Drug Nano-Self-Assemblies Engineered to Blockade Prostate Cancer Senescence. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38537-38554	9.5	17
45	MUC13 contributes to rewiring of glucose metabolism in pancreatic cancer. <i>Oncogenesis</i> , 2018 , 7, 19	6.6	16
44	HPV infection among rural American Indian women and urban white women in South Dakota: an HPV prevalence study. <i>BMC Infectious Diseases</i> , 2011 , 11, 252	4	15
43	Vitamin E succinate inhibits survivin and induces apoptosis in pancreatic cancer cells. <i>Genes and Nutrition</i> , 2012 , 7, 83-9	4.3	14
42	Protein kinase D1 attenuates tumorigenesis in colon cancer by modulating β catenin/T cell factor activity. <i>Oncotarget</i> , 2014 , 5, 6867-84	3.3	14
41	Magnetic nanoformulations for prostate cancer. <i>Drug Discovery Today</i> , 2017 , 22, 1233-1241	8.8	13
40	Cucurbitacin D Reprograms Glucose Metabolic Network in Prostate Cancer. <i>Cancers</i> , 2019 , 11,	6.6	13
39	A global picture: therapeutic perspectives for COVID-19.. <i>Immunotherapy</i> , 2022 ,	3.8	13
38	Tannic Acid-Lung Fluid Assemblies Promote Interaction and Delivery of Drugs to Lung Cancer Cells. <i>Pharmaceutics</i> , 2018 , 10,	6.4	12

37	"Tomorrow Never Dies": Recent Advances in Diagnosis, Treatment, and Prevention Modalities against Coronavirus (COVID-19) amid Controversies. <i>Diseases (Basel, Switzerland)</i> , 2020 , 8,	4.4	12
36	miR-205: A Potential Biomedicine for Cancer Therapy. <i>Cells</i> , 2020 , 9,	7.9	12
35	Clinical significance of MUC13 in pancreatic ductal adenocarcinoma. <i>Hpb</i> , 2018 , 20, 563-572	3.8	11
34	Engineering and characterization of a divalent single-chain Fv angiotensin II fusion construct of the monoclonal antibody CC49. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 168-76	3.4	11
33	Bioactive nanotherapeutic trends to combat triple negative breast cancer. <i>Bioactive Materials</i> , 2021 , 6, 3269-3287	16.7	11
32	Next-generation paclitaxel-nanoparticle formulation for pancreatic cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 102027	6	10
31	Disparity in rates of HPV infection and cervical cancer in underserved US populations. <i>Frontiers in Bioscience - Scholar</i> , 2017 , 9, 254-269	2.4	9
30	Structural studies of UBXN2A and mortalin interaction and the putative role of silenced UBXN2A in preventing response to chemotherapy. <i>Cell Stress and Chaperones</i> , 2016 , 21, 313-26	4	8
29	Novel Mechanistic Insight into the Anticancer Activity of Cucurbitacin D against Pancreatic Cancer (Cuc D Attenuates Pancreatic Cancer). <i>Cells</i> , 2019 , 9,	7.9	8
28	Quantification of photonic localization properties of targeted nuclear mass density variations: Application in cancer-stage detection. <i>Journal of Biophotonics</i> , 2018 , 11, e201700257	3.1	8
27	Ormeloxifene nanotherapy for cervical cancer treatment. <i>International Journal of Nanomedicine</i> , 2019 , 14, 7107-7121	7.3	7
26	APE1 Promotes Pancreatic Cancer Proliferation through GFR α /Src/ERK Axis-Cascade Signaling in Response to GDNF. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
25	Gambogic acid potentiates gemcitabine induced anticancer activity in non-small cell lung cancer. <i>European Journal of Pharmacology</i> , 2020 , 888, 173486	5.3	7
24	Protein kinase D1 regulates subcellular localisation and metastatic function of metastasis-associated protein 1. <i>British Journal of Cancer</i> , 2018 , 118, 587-599	8.7	6
23	VERU-111 suppresses tumor growth and metastatic phenotypes of cervical cancer cells through the activation of p53 signaling pathway. <i>Cancer Letters</i> , 2020 , 470, 64-74	9.9	6
22	Z Probe, An Efficient Tool for Characterizing Long Non-Coding RNA in FFPE Tissues. <i>Non-coding RNA</i> , 2018 , 4,	7.1	6
21	Novel Paclitaxel Nanoformulation Impairs De Novo Lipid Synthesis in Pancreatic Cancer Cells and Enhances Gemcitabine Efficacy. <i>ACS Omega</i> , 2020 , 5, 8982-8991	3.9	5
20	Optical study of chemotherapy efficiency in cancer treatment via intracellular structural disorder analysis using partial wave spectroscopy. <i>Journal of Biophotonics</i> , 2018 , 11, e201800056	3.1	5

19	Transmembrane mucin MUC13 distinguishes intraductal papillary mucinous neoplasms from non-mucinous cysts and is associated with high-risk lesions. <i>Hpb</i> , 2019 , 21, 87-95	3.8	5
18	A triphenylethylene nonsteroidal SERM attenuates cervical cancer growth. <i>Scientific Reports</i> , 2019 , 9, 10917	4.9	5
17	Topological and system-level protein interaction network (PIN) analyses to deduce molecular mechanism of curcumin. <i>Scientific Reports</i> , 2020 , 10, 12045	4.9	5
16	Role of Nutraceuticals in COVID-19 Mediated Liver Dysfunction. <i>Molecules</i> , 2020 , 25,	4.8	4
15	Pluronic Polymer-Based Ormeloxifene Nanoformulations Induce Superior Anticancer Effects in Pancreatic Cancer Cells. <i>ACS Omega</i> , 2020 , 5, 1147-1156	3.9	4
14	The panoramic view of amyotrophic lateral sclerosis: A fatal intricate neurological disorder. <i>Life Sciences</i> , 2021 , 288, 120156	6.8	4
13	Protein kinase D1 regulates metabolic switch in pancreatic cancer via modulation of mTORC1. <i>British Journal of Cancer</i> , 2020 , 122, 121-131	8.7	4
12	A bird eye view on cystic fibrosis: An underestimated multifaceted chronic disorder. <i>Life Sciences</i> , 2021 , 268, 118959	6.8	4
11	Targeted and theranostic applications for nanotechnologies in medicine 2018 , 399-511		3
10	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). <i>Biomedical Optics Express</i> , 2019 , 10, 6422-6431	3.5	3
9	Clinical Implications of Exosomes: Targeted Drug Delivery for Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
8	Revisiting stroma in pancreatic cancer. <i>Oncoscience</i> , 2015 , 2, 819-20	0.8	2
7	miR-145: Revival of a Dragon in Pancreatic Cancer. <i>Journal of Nature and Science</i> , 2017 , 3,		1
6	Neutralization of SARS-CoV-2 Spike Protein via Natural Compounds: A Multilayered High Throughput Virtual Screening Approach. <i>Current Pharmaceutical Design</i> , 2020 , 26, 5300-5309	3.3	1
5	Nanotechnology synergized immunoengineering for cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 163, 72-101	5.7	0
4	Nanoparticle Self-Assembly for Combination Delivery of Therapeutics to Non-Small Cell Lung Cancer.. <i>ACS Applied Bio Materials</i> , 2022 , 5, 1104-1119	4.1	0
3	Biophysical changes caused by altered MUC13 expression in pancreatic cancer cells. <i>Micron</i> , 2020 , 130, 102822	2.3	
2	A Novel Technique for the Detection of LncRNAs on Tissue Sections. <i>Springer Protocols</i> , 2020 , 237-243	0.3	

- 1 Polyester Particles for Curcumin Delivery **2016**, 651-673