

# Murali M Yallapu

## 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.

84  
papers

3,590  
citations

31  
h-index

58  
g-index

96  
ext. papers

4,468  
ext. citations

6.7  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
84	Nanoparticle Self-Assembly for Combination Delivery of Therapeutics to Non-Small Cell Lung Cancer.. <i>ACS Applied Bio Materials</i> , <b>2022</b> , 5, 1104-1119	4.1	0
83	A global picture: therapeutic perspectives for COVID-19.. <i>Immunotherapy</i> , <b>2022</b> ,	3.8	13
82	The panoramic view of amyotrophic lateral sclerosis: A fatal intricate neurological disorder. <i>Life Sciences</i> , <b>2021</b> , 288, 120156	6.8	4
81	A bird eye view on cystic fibrosis: An underestimated multifaceted chronic disorder. <i>Life Sciences</i> , <b>2021</b> , 268, 118959	6.8	4
80	PLGA Nanoparticle-Based Formulations to Cross the Blood-Brain Barrier for Drug Delivery: From R&D to cGMP. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	10
79	Clinical Implications of Exosomes: Targeted Drug Delivery for Cancer Treatment. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
78	Nanotechnology synergized immunoengineering for cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 163, 72-101	5.7	0
77	COVID-19: fighting the invisible enemy with microRNAs. <i>Expert Review of Anti-Infective Therapy</i> , <b>2021</b> , 19, 137-145	5.5	37
76	CRISPR Systems for COVID-19 Diagnosis. <i>ACS Sensors</i> , <b>2021</b> , 6, 1430-1445	9.2	37
75	Milk exosomes: Nature's abundant nanoplatfrom for theranostic applications. <i>Bioactive Materials</i> , <b>2021</b> , 6, 2479-2490	16.7	21
74	Bioactive nanotherapeutic trends to combat triple negative breast cancer. <i>Bioactive Materials</i> , <b>2021</b> , 6, 3269-3287	16.7	11
73	Biocidal and biocompatible hybrid nanomaterials from biomolecule chitosan, alginate and ZnO. <i>Carbohydrate Polymers</i> , <b>2021</b> , 274, 118646	10.3	6
72	Role of Nutraceuticals in COVID-19 Mediated Liver Dysfunction. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
71	An Elvitegravir Nanoformulation Crosses the Blood-Brain Barrier and Suppresses HIV-1 Replication in Microglia. <i>Viruses</i> , <b>2020</b> , 12,	6.2	12
70	Gambogic acid: A shining natural compound to nanomedicine for cancer therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2020</b> , 1874, 188381	11.2	20
69	Novel elvitegravir nanoformulation for drug delivery across the blood-brain barrier to achieve HIV-1 suppression in the CNS macrophages. <i>Scientific Reports</i> , <b>2020</b> , 10, 3835	4.9	32
68	Pluronic Polymer-Based Ormeloxifene Nanoformulations Induce Superior Anticancer Effects in Pancreatic Cancer Cells. <i>ACS Omega</i> , <b>2020</b> , 5, 1147-1156	3.9	4

67	Biophysical changes caused by altered MUC13 expression in pancreatic cancer cells. <i>Micron</i> , <b>2020</b> , 130, 102822	2.3	
66	Tannic acid inhibits lipid metabolism and induce ROS in prostate cancer cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 980	4.9	23
65	Novel Paclitaxel Nanoformulation Impairs De Novo Lipid Synthesis in Pancreatic Cancer Cells and Enhances Gemcitabine Efficacy. <i>ACS Omega</i> , <b>2020</b> , 5, 8982-8991	3.9	5
64	A Novel Technique for the Detection of LncRNAs on Tissue Sections. <i>Springer Protocols</i> , <b>2020</b> , 237-243	0.3	
63	Neutralization of SARS-CoV-2 Spike Protein via Natural Compounds: A Multilayered High Throughput Virtual Screening Approach. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 5300-5309	3.3	1
62	Protein kinase D1 regulates metabolic switch in pancreatic cancer via modulation of mTORC1. <i>British Journal of Cancer</i> , <b>2020</b> , 122, 121-131	8.7	4
61	VERU-111 suppresses tumor growth and metastatic phenotypes of cervical cancer cells through the activation of p53 signaling pathway. <i>Cancer Letters</i> , <b>2020</b> , 470, 64-74	9.9	6
60	Comprehensive Review on Current Interventions, Diagnostics, and Nanotechnology Perspectives against SARS-CoV-2. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2021-2045	6.3	36
59	Topological and system-level protein interaction network (PIN) analyses to deduce molecular mechanism of curcumin. <i>Scientific Reports</i> , <b>2020</b> , 10, 12045	4.9	5
58	"Tomorrow Never Dies": Recent Advances in Diagnosis, Treatment, and Prevention Modalities against Coronavirus (COVID-19) amid Controversies. <i>Diseases (Basel, Switzerland)</i> , <b>2020</b> , 8,	4.4	12
57	Gambogic acid potentiates gemcitabine induced anticancer activity in non-small cell lung cancer. <i>European Journal of Pharmacology</i> , <b>2020</b> , 888, 173486	5.3	7
56	miR-205: A Potential Biomedicine for Cancer Therapy. <i>Cells</i> , <b>2020</b> , 9,	7.9	12
55	Smoking and COVID-19: Adding Fuel to the Flame. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	31
54	Pectin-Tannic Acid Nano-Complexes Promote the Delivery and Bioactivity of Drugs in Pancreatic Cancer Cells. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
53	Ormeloxifene nanotherapy for cervical cancer treatment. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 7107-7121	7.3	7
52	Cross-Linked Polyphenol-Based Drug Nano-Self-Assemblies Engineered to Blockade Prostate Cancer Senescence. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 38537-38554	9.5	17
51	Therapeutic efficacy of a novel $\beta$ / $\gamma$ -tubulin inhibitor (VERU-111) in pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 29	12.8	20
50	Next-generation paclitaxel-nanoparticle formulation for pancreatic cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 20, 102027	6	10

49	Cucurbitacin D Reprograms Glucose Metabolic Network in Prostate Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	13
48	Superparamagnetic iron oxide nanoparticles of curcumin enhance gemcitabine therapeutic response in pancreatic cancer. <i>Biomaterials</i> , <b>2019</b> , 208, 83-97	15.6	53
47	Pharmacokinetics and pharmacodynamics of cytochrome P450 inhibitors for HIV treatment. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2019</b> , 15, 417-427	5.5	25
46	Mannose-decorated hybrid nanoparticles for enhanced macrophage targeting. <i>Biochemistry and Biophysics Reports</i> , <b>2019</b> , 17, 197-207	2.2	25
45	Nanotechnology approaches for delivery of cytochrome P450 substrates in HIV treatment. <i>Expert Opinion on Drug Delivery</i> , <b>2019</b> , 16, 869-882	8	5
44	A triphenylethylene nonsteroidal SERM attenuates cervical cancer growth. <i>Scientific Reports</i> , <b>2019</b> , 9, 10917	4.9	5
43	Gemcitabine Combination Nano Therapies for Pancreatic Cancer. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	32
42	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> , <b>2019</b> , 10, 6422-6431	3.5	3
41	Novel Mechanistic Insight into the Anticancer Activity of Cucurbitacin D against Pancreatic Cancer (Cuc D Attenuates Pancreatic Cancer). <i>Cells</i> , <b>2019</b> , 9,	7.9	8
40	Tannic acid-inspired paclitaxel nanoparticles for enhanced anticancer effects in breast cancer cells. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 535, 133-148	9.3	67
39	Protein kinase D1 regulates subcellular localisation and metastatic function of metastasis-associated protein 1. <i>British Journal of Cancer</i> , <b>2018</b> , 118, 587-599	8.7	6
38	MUC13 contributes to rewiring of glucose metabolism in pancreatic cancer. <i>Oncogenesis</i> , <b>2018</b> , 7, 19	6.6	16
37	Clinical significance of MUC13 in pancreatic ductal adenocarcinoma. <i>Hpb</i> , <b>2018</b> , 20, 563-572	3.8	11
36	Development of polyvinylpyrrolidone/paclitaxel self-assemblies for breast cancer. <i>Acta Pharmaceutica Sinica B</i> , <b>2018</b> , 8, 602-614	15.5	39
35	Role of lncRNAs in ovarian cancer: defining new biomarkers for therapeutic purposes. <i>Drug Discovery Today</i> , <b>2018</b> , 23, 1635-1643	8.8	68
34	Tannic Acid-Lung Fluid Assemblies Promote Interaction and Delivery of Drugs to Lung Cancer Cells. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	12
33	Tannic Acid Induces Endoplasmic Reticulum Stress-Mediated Apoptosis in Prostate Cancer. <i>Cancers</i> , <b>2018</b> , 10,	6.6	26
32	Antibody-Drug Conjugates for Cancer Therapy: Chemistry to Clinical Implications. <i>Pharmaceutics</i> , <b>2018</b> , 11,	5.2	113

31	Optical study of chemotherapy efficiency in cancer treatment via intracellular structural disorder analysis using partial wave spectroscopy. <i>Journal of Biophotonics</i> , <b>2018</b> , 11, e201800056	3.1	5
30	Quantification of photonic localization properties of targeted nuclear mass density variations: Application in cancer-stage detection. <i>Journal of Biophotonics</i> , <b>2018</b> , 11, e201700257	3.1	8
29	miRNA-205 Nanoformulation Sensitizes Prostate Cancer Cells to Chemotherapy. <i>Cancers</i> , <b>2018</b> , 10,	6.6	25
28	Targeting of EGFR, VEGFR2, and Akt by Engineered Dual Drug Encapsulated Mesoporous Silica-Gold Nanoclusters Sensitizes Tamoxifen-Resistant Breast Cancer. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 2698-2713	5.6	20
27	Ormeloxifene Suppresses Prostate Tumor Growth and Metastatic Phenotypes via Inhibition of Oncogenic Eatenin Signaling and EMT Progression. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 2267-2280	6.1	32
26	Magnetic nanoformulations for prostate cancer. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 1233-1241	8.8	13
25	Specific packaging and circulation of cytochromes P450, especially 2E1 isozyme, in human plasma exosomes and their implications in cellular communications. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 491, 675-680	3.4	35
24	Probing mucin interaction behavior of magnetic nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 488, 258-268	9.3	24
23	miRNA nanotherapeutics for cancer. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 424-432	8.8	148
22	Restitution of Tumor Suppressor MicroRNA-145 Using Magnetic Nanoformulation for Pancreatic Cancer Therapy. <i>Journal of Gastrointestinal Surgery</i> , <b>2017</b> , 21, 94-105	3.3	34
21	Novel elvitegravir nanoformulation approach to suppress the viral load in HIV-infected macrophages. <i>Biochemistry and Biophysics Reports</i> , <b>2017</b> , 12, 214-219	2.2	15
20	Cucurbitacin D exhibits potent anti-cancer activity in cervical cancer. <i>Scientific Reports</i> , <b>2016</b> , 6, 36594	4.9	41
19	Curcumin Nanoformulation for Cervical Cancer Treatment. <i>Scientific Reports</i> , <b>2016</b> , 6, 20051	4.9	107
18	PSMA targeted docetaxel-loaded superparamagnetic iron oxide nanoparticles for prostate cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 144, 8-20	6	78
17	Nanoparticle formulation of ormeloxifene for pancreatic cancer. <i>Biomaterials</i> , <b>2015</b> , 53, 731-43	15.6	32
16	Ormeloxifene suppresses desmoplasia and enhances sensitivity of gemcitabine in pancreatic cancer. <i>Cancer Research</i> , <b>2015</b> , 75, 2292-304	10.1	56
15	Therapeutic Applications of Curcumin Nanoformulations. <i>AAPS Journal</i> , <b>2015</b> , 17, 1341-56	3.7	190
14	The roles of cellular nanomechanics in cancer. <i>Medicinal Research Reviews</i> , <b>2015</b> , 35, 198-223	14.4	29

13	Slit/Robo pathway: a promising therapeutic target for cancer. <i>Drug Discovery Today</i> , <b>2015</b> , 20, 156-64	8.8	57
12	Implications of protein corona on physico-chemical and biological properties of magnetic nanoparticles. <i>Biomaterials</i> , <b>2015</b> , 46, 1-12	15.6	121
11	Designing Novel Nanoformulations Targeting Glutamate Transporter Excitatory Amino Acid Transporter 2: Implications in Treating Drug Addiction <b>2015</b> , 1, 3-9		8
10	Anti-cancer activity of curcumin loaded nanoparticles in prostate cancer. <i>Biomaterials</i> , <b>2014</b> , 35, 8635-48	15.6	181
9	Nanoways to overcome docetaxel resistance in prostate cancer. <i>Drug Resistance Updates</i> , <b>2014</b> , 17, 13-23	3.2	61
8	MicroRNA-145 targets MUC13 and suppresses growth and invasion of pancreatic cancer. <i>Oncotarget</i> , <b>2014</b> , 5, 7599-609	3.3	83
7	Novel curcumin-loaded magnetic nanoparticles for pancreatic cancer treatment. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 1471-80	6.1	98
6	Curcumin nanomedicine: a road to cancer therapeutics. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 1994-2010	3.10	44
5	Plasma proteins interaction with curcumin nanoparticles: implications in cancer therapeutics. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 504-15	3.5	30
4	Curcumin nanoformulations: a future nanomedicine for cancer. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 71-80	8.8	477
3	Curcumin-loaded magnetic nanoparticles for breast cancer therapeutics and imaging applications. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 1761-79	7.3	92
2	Multi-functional magnetic nanoparticles for magnetic resonance imaging and cancer therapy. <i>Biomaterials</i> , <b>2011</b> , 32, 1890-905	15.6	354
1	Curcumin induces chemo/radio-sensitization in ovarian cancer cells and curcumin nanoparticles inhibit ovarian cancer cell growth. <i>Journal of Ovarian Research</i> , <b>2010</b> , 3, 11	5.5	133