

# Raghuram Kandimalla

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,510  
citations

196777

29  
h-index

162838

57  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbe-based therapies for colorectal cancer: Advantages and limitations. <i>Seminars in Cancer Biology</i> , 2022, 86, 652-665.	4.3	21
2	Exosomes in Cancer Therapy. <i>Cancers</i> , 2022, 14, 500.	1.7	15
3	Green chemistry mediated facile synthesis of surface passivated ZnSe QDs and their cytotoxicity evaluation. <i>Materials Today: Proceedings</i> , 2022, 51, 2389-2394.	0.9	0
4	Exosomes as Emerging Drug Delivery and Diagnostic Modality for Breast Cancer: Recent Advances in Isolation and Application. <i>Cancers</i> , 2022, 14, 1435.	1.7	37
5	Editorial: Role of Phytochemicals and Structural Analogs in Cancer Chemoprevention and Therapeutics. <i>Frontiers in Pharmacology</i> , 2022, 13, 865619.	1.6	2
6	Nanotechnological interventions of the microbiome as a next-generation antimicrobial therapy. <i>Science of the Total Environment</i> , 2022, 833, 155085.	3.9	6
7	Milk exosomes: A biogenic nanocarrier for small molecules and macromolecules to combat cancer. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13349.	1.2	30
8	Effect of multiple doses of N-methyl-N-nitrosourea, an end product of methylguanidine (found in Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.4	3
9	Exosome-mediated delivery of RNA and DNA for gene therapy. <i>Cancer Letters</i> , 2021, 505, 58-72.	3.2	64
10	Targeted Oral Delivery of Paclitaxel Using Colostrum-Derived Exosomes. <i>Cancers</i> , 2021, 13, 3700.	1.7	49
11	Evaluation of therapeutic effect of <i>Premna herbacea</i> in diabetic rat and isoverbasoside against insulin resistance in L6 muscle cells through bioenergetics and stimulation of JNK and AKT/mTOR signaling cascade. <i>Phytomedicine</i> , 2021, 93, 153761.	2.3	8
12	Structural and electrical behaviours of PEDOT:PSS thin films in presence of negatively charged gold and silver nanoparticles: A green synthesis approach. <i>Synthetic Metals</i> , 2021, 279, 116848.	2.1	8
13	Astragaloside mediates the pharmacological effects of <i>Lysimachia candida</i> Lindl on adipogenesis via downregulating <i>PPARG</i> and <i>FKBP51</i> signaling cascade. <i>Phytotherapy Research</i> , 2021, 35, 6990-7003.	2.8	5
14	Integration of a Nonsteroidal Anti-Inflammatory Drug with Luminescent Copper for <i>In Vivo</i> Cancer Therapy in a Mouse Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 227-238.	2.3	2
15	Variation in biosynthesis of an effective anticancer secondary metabolite, mahanine in <i>Murraya koenigii</i> , conditional on soil physicochemistry and weather suitability. <i>Scientific Reports</i> , 2020, 10, 20096.	1.6	9
16	Sophorolipid Biosurfactant Can Control Cutaneous Dermatophytosis Caused by Trichophyton mentagrophytes. <i>Frontiers in Microbiology</i> , 2020, 11, 329.	1.5	37
17	Synergistic combinations of paclitaxel and withaferin A against human non-small cell lung cancer cells. <i>Oncotarget</i> , 2020, 11, 1399-1416.	0.8	16
18	Mahanine, A dietary phytochemical, represses mammary tumor burden in rat and inhibits subtype regardless breast cancer progression through suppressing self-renewal of breast cancer stem cells. <i>Pharmacological Research</i> , 2019, 146, 104330.	3.1	22

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19	Chitosan coated silk fibroin surface modified by atmospheric dielectric-barrier discharge (DBD) plasma: a mechanically robust drug release system. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1142-1160.	1.9	14
20	Efficacy of a rhamnolipid biosurfactant to inhibit <i>Trichophyton rubrum</i> in vitro and in a mice model of dermatophytosis. <i>Experimental Dermatology</i> , 2019, 28, 601-608.	1.4	21
21	Milk exosomes - Natural nanoparticles for siRNA delivery. <i>Cancer Letters</i> , 2019, 449, 186-195.	3.2	219
22	Iron-Copper Bimetallic Nanocomposite Reinforced Dressing Materials for Infection Control and Healing of Diabetic Wound. <i>ACS Applied Bio Materials</i> , 2019, 2, 5434-5445.	2.3	27
23	Functionalization of $\beta$ -lactam antibiotic on lysozyme capped gold nanoclusters retrogress MRSA and its persists following awakening. <i>Scientific Reports</i> , 2018, 8, 5778.	1.6	62
24	Approach To Fabricate a Compact Cotton Patch without Weaving: A Smart Bandage Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5806-5817.	3.2	24
25	Transferrin-Copper Nanocluster-Doxorubicin Nanoparticles as Targeted Theranostic Cancer Nanodrug. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3282-3294.	4.0	94
26	Garcinia morella fruit, a promising source of antioxidant and anti-inflammatory agents induces breast cancer cell death via triggering apoptotic pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 562-573.	2.5	32
27	Surface modification of electrospun PVA/chitosan nanofibers by dielectric barrier discharge plasma at atmospheric pressure and studies of their mechanical properties and biocompatibility. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1026-1032.	3.6	75
28	Phytochemical portfolio and anticancer activity of <i>Murraya koenigii</i> and its primary active component, mahanine. <i>Pharmacological Research</i> , 2018, 129, 227-236.	3.1	41
29	Development of banana ( <i>Musa balbisiana</i> ) pseudo stem fiber as a surgical bio-tool to avert post-operative wound infections. <i>RSC Advances</i> , 2018, 8, 36791-36801.	1.7	15
30	Polyethylene Glycol-Encapsulated Histone Deacetylase Inhibitor Drug-Composite Nanoparticles for Combination Therapy with Artesunate. <i>ACS Omega</i> , 2018, 3, 11504-11516.	1.6	12
31	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017, 40, 146-153.	1.2	32
32	Dual delivery of chloramphenicol and essential oil by poly- $\epsilon$ -caprolactone-Pluronic nanocapsules to treat MRSA-Candida co-infected chronic burn wounds. <i>RSC Advances</i> , 2017, 7, 1749-1758.	1.7	32
33	Exosomal formulation of anthocyanidins against multiple cancer types. <i>Cancer Letters</i> , 2017, 393, 94-102.	3.2	160
34	Milk-derived exosomes for oral delivery of paclitaxel. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1627-1636.	1.7	375
35	Exosomal delivery of berry anthocyanidins for the management of ovarian cancer. <i>Food and Function</i> , 2017, 8, 4100-4107.	2.1	127
36	Exosomes for the Enhanced Tissue Bioavailability and Efficacy of Curcumin. <i>AAPS Journal</i> , 2017, 19, 1691-1702.	2.2	201

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37	Antimicrobials tethering on suture surface through a hydrogel: a novel strategy to combat postoperative wound infections. <i>RSC Advances</i> , 2017, 7, 32637-32646.	1.7	7
38	ANTICANCER ACTIVITY OF GARCINIA MORELLA CHLOROFORM FRACTION AND ITS ACTIVE COMPOUND GARCINOL ON NEUROBLASTOMA. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 182.	0.3	7
39	Bioactive Fraction of <i>Annona reticulata</i> Bark (or) <i>Ziziphus jujuba</i> Root Bark along with Insulin Attenuates Painful Diabetic Neuropathy through Inhibiting NF- $\kappa$ B Inflammatory Cascade. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 73.	1.8	17
40	Glycogen&ndash;gold nanohybrid escalates the potency of silymarin. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7025-7038.	3.3	17
41	Anticancer Activity of <i>Garcinia morella</i> on T-Cell Murine Lymphoma Via Apoptotic Induction. <i>Frontiers in Pharmacology</i> , 2016, 7, 3.	1.6	36
42	Antidiabetic and Antilipidemic Effect of <i>Musa balbisiana</i> Root Extract: A Potent Agent for Glucose Homeostasis in Streptozotocin-Induced Diabetic Rat. <i>Frontiers in Pharmacology</i> , 2016, 7, 102.	1.6	43
43	Bioactive Guided Fractions of <i>Annona reticulata</i> L. bark: Protection against Liver Toxicity and Inflammation through Inhibiting Oxidative Stress and Proinflammatory Cytokines. <i>Frontiers in Pharmacology</i> , 2016, 7, 168.	1.6	21
44	Chemical Composition and Anti-Candidiasis Mediated Wound Healing Property of <i>Cymbopogon nardus</i> Essential Oil on Chronic Diabetic Wounds. <i>Frontiers in Pharmacology</i> , 2016, 7, 198.	1.6	36
45	Antioxidant and Hepatoprotective Potentiality of <i>Randia dumetorum</i> Lam. Leaf and Bark via Inhibition of Oxidative Stress and Inflammatory Cytokines. <i>Frontiers in Pharmacology</i> , 2016, 7, 205.	1.6	26
46	Protective Effect of Bioactivity Guided Fractions of <i>Ziziphus jujuba</i> Mill. Root Bark against Hepatic Injury and Chronic Inflammation via Inhibiting Inflammatory Markers and Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2016, 7, 298.	1.6	18
47	Exosomal formulation enhances therapeutic response of celastrol against lung cancer. <i>Experimental and Molecular Pathology</i> , 2016, 101, 12-21.	0.9	202
48	Potential of silk fibroin/chondrocyte constructs of muga silkworm <i>Antheraea assamensis</i> for cartilage tissue engineering. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3670-3684.	2.9	58
49	Penicillin impregnation on oxygen plasma surface functionalized chitosan/ <i>Antheraea assama</i> silk fibroin: Studies of antibacterial activity and antithrombogenic property. <i>Materials Science and Engineering C</i> , 2016, 60, 475-484.	3.8	27
50	Fiber from ramie plant ( <i>Boehmeria nivea</i> ): A novel suture biomaterial. <i>Materials Science and Engineering C</i> , 2016, 62, 816-822.	3.8	65
51	Amoxicillin functionalized gold nanoparticles reverts MRSA resistance. <i>Materials Science and Engineering C</i> , 2016, 61, 720-727.	3.8	91
52	Bovine milk-derived exosomes for drug delivery. <i>Cancer Letters</i> , 2016, 371, 48-61.	3.2	630
53	Controlled antibiotic-releasing <i>Antheraea assama</i> silk fibroin suture for infection prevention and fast wound healing. <i>Surgery</i> , 2016, 159, 539-547.	1.0	40
54	Chloramphenicol encapsulated in poly-&epsilon;-caprolactone&ndash;pluronic composite: nanoparticles for treatment of MRSA-infected burn wounds. <i>International Journal of Nanomedicine</i> , 2015, 10, 2971.	3.3	56

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55	A REVIEW ON ANTI-DIABETIC POTENTIAL OF GENUS SOLANUM (SOLANACEAE). Journal of Drug Delivery and Therapeutics, 2015, 5, .	0.2	5
56	MicroRNA "signature"™ during estrogen-mediated mammary carcinogenesis and its reversal by ellagic acid intervention. Cancer Letters, 2013, 339, 175-184.	3.2	65
57	Anti-proliferative activity and protection against oxidative DNA damage by punicalagin isolated from pomegranate husk. Food Research International, 2012, 49, 345-353.	2.9	96
58	Inhibition of Estrogen-Mediated Mammary Tumorigenesis by Blueberry and Black Raspberry. Journal of Agricultural and Food Chemistry, 2012, 60, 5547-5555.	2.4	50