

Raghuram Kandimalla

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,510
citations

172457

29
h-index

144013

57
g-index

58
all docs

58
docs citations

58
times ranked

4611
citing authors

#	ARTICLE	IF	CITATIONS
1	Bovine milk-derived exosomes for drug delivery. <i>Cancer Letters</i> , 2016, 371, 48-61.	7.2	630
2	Milk-derived exosomes for oral delivery of paclitaxel. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1627-1636.	3.3	375
3	Milk exosomes - Natural nanoparticles for siRNA delivery. <i>Cancer Letters</i> , 2019, 449, 186-195.	7.2	219
4	Exosomal formulation enhances therapeutic response of celastrol against lung cancer. <i>Experimental and Molecular Pathology</i> , 2016, 101, 12-21.	2.1	202
5	Exosomes for the Enhanced Tissue Bioavailability and Efficacy of Curcumin. <i>AAPS Journal</i> , 2017, 19, 1691-1702.	4.4	201
6	Exosomal formulation of anthocyanidins against multiple cancer types. <i>Cancer Letters</i> , 2017, 393, 94-102.	7.2	160
7	Exosomal delivery of berry anthocyanidins for the management of ovarian cancer. <i>Food and Function</i> , 2017, 8, 4100-4107.	4.6	127
8	Anti-proliferative activity and protection against oxidative DNA damage by punicalagin isolated from pomegranate husk. <i>Food Research International</i> , 2012, 49, 345-353.	6.2	96
9	Transferrinâ€“Copper Nanoclusterâ€“Doxorubicin Nanoparticles as Targeted Theranostic Cancer Nanodrug. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3282-3294.	8.0	94
10	Amoxicillin functionalized gold nanoparticles reverts MRSA resistance. <i>Materials Science and Engineering C</i> , 2016, 61, 720-727.	7.3	91
11	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.	7.5	75
12	MicroRNA â€“signatureâ€™ during estrogen-mediated mammary carcinogenesis and its reversal by ellagic acid intervention. <i>Cancer Letters</i> , 2013, 339, 175-184.	7.2	65
13	Fiber from ramie plant (<i>Boehmeria nivea</i>): A novel suture biomaterial. <i>Materials Science and Engineering C</i> , 2016, 62, 816-822.	7.3	65
14	Exosome-mediated delivery of RNA and DNA for gene therapy. <i>Cancer Letters</i> , 2021, 505, 58-72.	7.2	64
15	Functionalization of Î²-lactam antibiotic on lysozyme capped gold nanoclusters retrogress MRSA and its persists following awakening. <i>Scientific Reports</i> , 2018, 8, 5778.	3.3	62
16	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.	5.8	58
17	Chloramphenicol encapsulated in poly-Îµ-caprolactone–pluronic composite: nanoparticles for treatment of MRSA-infected burn wounds. <i>International Journal of Nanomedicine</i> , 2015, 10, 2971.	6.7	56
18	Inhibition of Estrogen-Mediated Mammary Tumorigenesis by Blueberry and Black Raspberry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5547-5555.	5.2	50

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19	Targeted Oral Delivery of Paclitaxel Using Colostrum-Derived Exosomes. <i>Cancers</i> , 2021, 13, 3700.	3.7	49
20	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.	3.5	43
21	Phytochemical portfolio and anticancer activity of <i>Murraya koenigii</i> and its primary active component, mahanine. <i>Pharmacological Research</i> , 2018, 129, 227-236.	7.1	41
22	Controlled antibiotic-releasing <i>Antheraea assama</i> silk fibroin suture for infection prevention and fast wound healing. <i>Surgery</i> , 2016, 159, 539-547.	1.9	40
23	Sophorolipid Biosurfactant Can Control Cutaneous Dermatophytosis Caused by <i>Trichophyton mentagrophytes</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 329.	3.5	37
24	Exosomes as Emerging Drug Delivery and Diagnostic Modality for Breast Cancer: Recent Advances in Isolation and Application. <i>Cancers</i> , 2022, 14, 1435.	3.7	37
25	Anticancer Activity of <i>Garcinia morella</i> on T-Cell Murine Lymphoma Via Apoptotic Induction. <i>Frontiers in Pharmacology</i> , 2016, 7, 3.	3.5	36
26	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.	3.5	36
27	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017, 40, 146-153.	2.3	32
28	Dual delivery of chloramphenicol and essential oil by poly- ϵ -caprolactone-Pluronic nanocapsules to treat MRSA-Candida co-infected chronic burn wounds. <i>RSC Advances</i> , 2017, 7, 1749-1758.	3.6	32
29	<i>Garcinia morella</i> 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.	5.6	32
30	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
31	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.	7.3	27
32	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.	4.6	27
33	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.	3.5	26
34	Approach To Fabricate a Compact Cotton Patch without Weaving: A Smart Bandage Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5806-5817.	6.7	24
35	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.	7.1	22
36	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.	3.5	21

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37	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.	2.9	21
38	Microbe-based therapies for colorectal cancer: Advantages and limitations. <i>Seminars in Cancer Biology</i> , 2022, 86, 652-665.	9.6	21
39	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.	3.5	18
40	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- κ B Inflammatory Cascade. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 73.	3.7	17
41	Glycogen–gold nanohybrid escalates the potency of silymarin. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7025-7038.	6.7	17
42	Synergistic combinations of paclitaxel and withaferin A against human non-small cell lung cancer cells. <i>Oncotarget</i> , 2020, 11, 1399-1416.	1.8	16
43	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.	3.6	15
44	Exosomes in Cancer Therapy. <i>Cancers</i> , 2022, 14, 500.	3.7	15
45	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.	3.5	14
46	Polyethylene Glycol-Encapsulated Histone Deacetylase Inhibitor Drug-Composite Nanoparticles for Combination Therapy with Artesunate. <i>ACS Omega</i> , 2018, 3, 11504-11516.	3.5	12
47	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.	3.3	9
48	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>Phytotherapy</i> , 2021, 93, 153761.	5.3	8
49	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.	3.9	8
50	Antimicrobials tethering on suture surface through a hydrogel: a novel strategy to combat postoperative wound infections. <i>RSC Advances</i> , 2017, 7, 32637-32646.	3.6	7
51	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
52	Nanotechnological interventions of the microbiome as a next-generation antimicrobial therapy. <i>Science of the Total Environment</i> , 2022, 833, 155085.	8.0	6
53	A REVIEW ON ANTI-DIABETIC POTENTIAL OF GENUS SOLANUM (SOLANACEAE). <i>Journal of Drug Delivery and Therapeutics</i> , 2015, 5, .	0.5	5
54	Astragalin mediates the pharmacological effects of <i>Lysimachia candida</i> Lindl on adipogenesis via downregulating PPARG and FKBP51 signaling cascade. <i>Phytotherapy Research</i> , 2021, 35, 6990-7003.	5.8	5

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55	Effect of multiple doses of N-methyl-N-nitrosourea, an end product of methylguanidine (found in Tj ETQq1 1 0.784314 rgBT /Overloc	3.2	3
56	Integration of a Nonsteroidal Anti-Inflammatory Drug with Luminescent Copper for <i>in Vivo</i> Cancer Therapy in a Mouse Model. ACS Applied Bio Materials, 2020, 3, 227-238.	4.6	2
57	Editorial: Role of Phytochemicals and Structural Analogs in Cancer Chemoprevention and Therapeutics. Frontiers in Pharmacology, 2022, 13, 865619.	3.5	2
58	Green chemistry mediated facile synthesis of surface passivated ZnSe QDs and their cytotoxicity evaluation. Materials Today: Proceedings, 2022, 51, 2389-2394.	1.8	0