

Anil Kumar Dwivedi

List of Publications by Year in descending order

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39
papers

1,008
citations

394286

19
h-index

434063

31
g-index

39
all docs

39
docs citations

39
times ranked

1473
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaempferol has osteogenic effect in ovariectomized adult Sprague-Dawley rats. <i>Molecular and Cellular Endocrinology</i> , 2008, 289, 85-93.	1.6	130
2	Effects of Egb 761 on bone mineral density, bone microstructure, and osteoblast function: Possible roles of quercetin and kaempferol. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 86-91.	1.6	86
3	Pharmacokinetics study of arteether loaded solid lipid nanoparticles: An improved oral bioavailability in rats. <i>International Journal of Pharmaceutics</i> , 2014, 466, 321-327.	2.6	81
4	Folic Acid Conjugated Guar Gum Nanoparticles for Targeting Methotrexate to Colon Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 96-106.	0.5	66
5	CD44 targeting hyaluronic acid coated lapatinib nanocrystals foster the efficacy against triple-negative breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 327-337.	1.7	55
6	Development of targeted 1,2-diacyl-sn-glycero-3-phospho-L-serine-coated gelatin nanoparticles loaded with amphotericin B for improved <i>in vitro</i> and <i>in vivo</i> effect in leishmaniasis. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 633-646.	2.4	47
7	Colon-specific delivery of curcumin by exploiting Eudragit-decorated chitosan nanoparticles <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	41
8	Curcuma oil ameliorates hyperlipidaemia and associated deleterious effects in golden Syrian hamsters. <i>British Journal of Nutrition</i> , 2013, 110, 437-446.	1.2	40
9	<i>In vivo</i> efficacy studies of layer-by-layer nano-matrix bearing kaempferol for the conditions of osteoporosis: A study in ovariectomized rat model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 508-517.	2.0	33
10	Curcuma oil attenuates accelerated atherosclerosis and macrophage foam-cell formation by modulating genes involved in plaque stability, lipid homeostasis and inflammation. <i>British Journal of Nutrition</i> , 2015, 113, 100-113.	1.2	30
11	PEGylated chitosan nanoparticles potentiate repurposing of ormeloxifene in breast cancer therapy. <i>Nanomedicine</i> , 2016, 11, 2147-2169.	1.7	29
12	Arteether nanoemulsion for enhanced efficacy against Plasmodium yoelii nigeriensis malaria: An approach by enhanced bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 467-475.	2.5	28
13	Phospholipid complexation of NMITL118RT+: way to a prudent therapeutic approach for beneficial outcomes in ischemic stroke in rats. <i>Drug Delivery</i> , 2016, 23, 3606-3618.	2.5	26
14	Osteogenic efficacy enhancement of kaempferol through an engineered layer-by-layer matrix: a study in ovariectomized rats. <i>Nanomedicine</i> , 2013, 8, 757-771.	1.7	24
15	Synthesis of disulfide esters of dialkylaminocarbothioic acid as potent, non-detergent spermicidal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6642-6648.	1.4	23
16	Exploiting 4-sulphate-N-acetyl galactosamine decorated gelatin nanoparticles for effective targeting to professional phagocytes <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Drug Targeting</i> , 2012, 20, 883-896.	2.1	23
17	Rutin phospholipid complexes confer neuro-protection in ischemic-stroke rats. <i>RSC Advances</i> , 2016, 6, 96445-96454.	1.7	22
18	Turmerone enriched standardized Curcuma longa extract alleviates LPS induced inflammation and cytokine production by regulating TLR4-IRAK1-ROS-MAPK-NF- κ B axis. <i>Journal of Functional Foods</i> , 2015, 16, 152-163.	1.6	21

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19	Neuro-protective potential of a vesicular system of a standardized extract of a new chemotype of <i>Withania somnifera</i> Dunal (NMITLI118RT+) against cerebral stroke in rats. <i>Drug Delivery</i> , 2016, 23, 2630-2641.	2.5	21
20	Synthesis of 3-(1-alkyl/aminoalkyl-3-vinyl-piperidin-4-yl)-1-(quinolin-4-yl)-propan-1-ones and their 2-methylene derivatives as potential spermicidal and microbicidal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5735-5738.	1.0	18
21	Self-nanoemulsifying drug delivery systems (SNEDDS) for oral delivery of arteether: pharmacokinetics, toxicity and antimalarial activity in mice. <i>RSC Advances</i> , 2014, 4, 64905-64918.	1.7	18
22	Potential in vitro and in vivo colon specific anticancer activity in a HCT-116 xenograft nude mice model: targeted delivery using enteric coated folate modified nanoparticles. <i>RSC Advances</i> , 2015, 5, 16507-16520.	1.7	18
23	Oleanolic acid bioenhancer co-loaded chitosan modified nanocarriers attenuate breast cancer cells by multimode mechanism and preserve female fertility. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1345-1358.	3.6	18
24	Substituted acrylophenones and related mannich bases as possible spermicides and inhibitors of HIV envelope glycoprotein CD4 interaction. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 855-864.	2.6	13
25	Effect of polydimethylsiloxane and ethylcellulose on in vitro permeation of centchroman from its transdermal patches. <i>Drug Delivery</i> , 2016, 23, 113-122.	2.5	12
26	S-Enantiomer of the Antitubercular Compound S006-830 Complements Activity of Frontline TB Drugs and Targets Biogenesis of Mycobacterium tuberculosis Cell Envelope. <i>ACS Omega</i> , 2017, 2, 8453-8465.	1.6	12
27	Curcuma oil ameliorates insulin resistance & associated thrombotic complications in hamster & rat. <i>Indian Journal of Medical Research</i> , 2015, 141, 823.	0.4	12
28	Stability indicating studies on nmitli118rt0 + (standardized extract of withania somnifera dunal). <i>Pharmacognosy Magazine</i> , 2014, 10, 227.	0.3	9
29	Design and synthesis of β -butyrolactone derivatives as potential spermicidal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3903-3906.	1.0	9
30	Enduring protection provided by NMITLI118RT+ and its preparation NMITLI118RT+CFM against ischemia/reperfusion injury in rats. <i>RSC Advances</i> , 2016, 6, 42827-42835.	1.7	9
31	Improved oral bioavailability of novel antithrombotic S002-333 via chitosan coated liposomes: a pharmacokinetic assessment. <i>RSC Advances</i> , 2015, 5, 39168-39176.	1.7	7
32	Efficacy of Novel Oral Formulations of β -Arteether against Multidrug-Resistant Malaria in Mice. <i>Chemotherapy</i> , 2010, 56, 178-183.	0.8	6
33	Validation of RP-HPLC Method for Simultaneous Quantification of Bicalutamide and Hesperetin in Polycaprolactone-Bicalutamide-Hesperetin-Chitosan Nanoparticles. <i>Journal of Chromatographic Science</i> , 2015, 53, 1485-1490.	0.7	6
34	The Preparation of <i>Morinda citrifolia</i> (Noni)-Phospholipid Complex and Its Pharmacokinetics Study in Rats. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 221-226.	0.0	6
35	Assay method for quality control and stability studies of a new antimalarial agent (CDRI 99/411). <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 335-340.	2.4	4
36	PLGA scaffolds: building blocks for new age therapeutics. , 2019, , 155-201.		3

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37	Assay Method for Quality Control and Stability Studies of a New Antidiabetic Agent (S-001-469). Journal of Biomaterials and Tissue Engineering, 2014, 4, 308-314.	0.0	1
38	Liposomes vs Phytosomes: Principles, Methodologies, and Therapeutic Applications with Emphasis on CNS Disorders. Environmental Chemistry for A Sustainable World, 2021, , 1-71.	0.3	1
39	Synthesized Phytomolecular Hybrids as Natural Interventions to Manage Hyperlipidemia and to Ameliorate Diabetes in Streptozotocin Induced Mice. Polycyclic Aromatic Compounds, 0, , 1-19.	1.4	0