

Javed Ahmad

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,104
citations

147801

31
h-index

182427

51
g-index

90
all docs

90
docs citations

90
times ranked

3610
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of advanced oxidation processes and toxicity assessment of transformation products. <i>Environmental Research</i> , 2018, 167, 223-233.	7.5	206
2	PI3K/AKT/mTOR pathway inhibitors in triple-negative breast cancer: a review on drug discovery and future challenges. <i>Drug Discovery Today</i> , 2019, 24, 2181-2191.	6.4	170
3	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 650-659.	7.5	118
4	Nanotechnology-based inhalation treatments for lung cancer: state of the art. <i>Nanotechnology, Science and Applications</i> , 2015, 8, 55.	4.6	105
5	Formulation and optimization of lacidipine loaded niosomal gel for transdermal delivery: In-vitro characterization and in-vivo activity. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 255-266.	5.6	91
6	Nanocarriers in advanced drug targeting: setting novel paradigm in cancer therapeutics. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 873-884.	2.8	91
7	Effect of long-term salinity on cellular antioxidants, compatible solute and fatty acid profile of Sweet Annie (<i>Artemisia annua</i> L.). <i>Phytochemistry</i> , 2013, 95, 215-223.	2.9	83
8	Nanomedicine-based drug targeting for psoriasis: potentials and emerging trends in nanoscale pharmacotherapy. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 635-652.	5.0	79
9	Oleuropein: A natural antioxidant molecule in the treatment of metabolic syndrome. <i>Phytotherapy Research</i> , 2019, 33, 3112-3128.	5.8	74
10	Progress in nanotechnology-based drug carrier in designing of curcumin nanomedicines for cancer therapy: current state-of-the-art. <i>Journal of Drug Targeting</i> , 2016, 24, 273-293.	4.4	73
11	Nanoemulgel for Improved Topical Delivery of Retinyl Palmitate: Formulation Design and Stability Evaluation. <i>Nanomaterials</i> , 2020, 10, 848.	4.1	73
12	Nanostructured Lipid Carriers: A Novel Platform for Chemotherapeutics. <i>Current Drug Delivery</i> , 2016, 13, 4-26.	1.6	65
13	Emerging advances in cancer nanotheranostics with graphene nanocomposites: opportunities and challenges. <i>Nanomedicine</i> , 2015, 10, 2405-2422.	3.3	64
14	Improving the topical ocular pharmacokinetics of an immunosuppressant agent with mucoadhesive nanoemulsions: Formulation development, in-vitro and in-vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 19-29.	5.0	64
15	Improved pharmacokinetics and antihyperlipidemic efficacy of rosuvastatin-loaded nanostructured lipid carriers. <i>Journal of Drug Targeting</i> , 2017, 25, 58-74.	4.4	63
16	Nanoemulsion loaded polymeric hydrogel for topical delivery of curcumin in psoriasis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101847.	3.0	60
17	Solid Matrix Based Lipidic Nanoparticles in Oral Cancer Chemotherapy: Applications and Pharmacokinetics. <i>Current Drug Metabolism</i> , 2015, 16, 633-644.	1.2	59
18	Bile Salt Stabilized Vesicles (Bilosomes): A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides. <i>Current Pharmaceutical Design</i> , 2017, 23, 1575-1588.	1.9	58

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19	Co-Delivery of Imiquimod and Curcumin by Nanoemugel for Improved Topical Delivery and Reduced Psoriasis-Like Skin Lesions. <i>Biomolecules</i> , 2020, 10, 968.	4.0	57
20	Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management: Current Status and Future Perspective. <i>Current Alzheimer Research</i> , 2017, 14, 1164-1181.	1.4	57
21	Progress in nanomedicine-based drug delivery in designing of chitosan nanoparticles for cancer therapy. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 602-623.	3.4	55
22	Solid-Nanoemulsion Preconcentrate for Oral Delivery of Paclitaxel: Formulation Design, Biodistribution, and ^{18}F Scintigraphy Imaging. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	53
23	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. <i>Current Pharmaceutical Design</i> , 2016, 22, 4360-4373.	1.9	53
24	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , 2021, 13, 24.	4.5	48
25	Role of Graphene Nano-Composites in Cancer Therapy: Theranostic Applications, Metabolic Fate and Toxicity Issues. <i>Current Drug Metabolism</i> , 2015, 16, 397-409.	1.2	46
26	Epidermal growth factor receptor based active targeting: a paradigm shift towards advance tumor therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1188-1198.	2.8	44
27	Topical Nano-emulgel for Skin Disorders: Formulation Approach and Characterization. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2019, 14, 36-48.	0.8	44
28	Insights into the Targeting Potential of Thymoquinone for Therapeutic Intervention Against Triple-negative Breast Cancer. <i>Current Drug Targets</i> , 2018, 19, 70-80.	2.1	43
29	Formulation of Self-Nanoemulsifying Drug Delivery System for Telmisartan with Improved Dissolution and Oral Bioavailability. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 958-968.	2.4	41
30	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. <i>Current Drug Discovery Technologies</i> , 2014, 11, 197-213.	1.2	37
31	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. <i>Pharmaceutics</i> , 2021, 13, 840.	4.5	36
32	Thymoquinone Loaded Topical Nanoemulgel for Wound Healing: Formulation Design and In-Vivo Evaluation. <i>Molecules</i> , 2021, 26, 3863.	3.8	36
33	Surface-Engineered Cancer Nanomedicine: Rational Design and Recent Progress. <i>Current Pharmaceutical Design</i> , 2020, 26, 1181-1190.	1.9	35
34	Preparation and Characterization of Curcumin Nanoemulgel Utilizing Ultrasonication Technique for Wound Healing: In Vitro, Ex Vivo, and In Vivo Evaluation. <i>Gels</i> , 2021, 7, 213.	4.5	33
35	Effect of oil and co-surfactant on the formation of Solutol HS 15 based colloidal drug carrier by Box-Behnken statistical design. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 453, 68-77.	4.7	32
36	Development of a 3D Printed Coating Shell to Control the Drug Release of Encapsulated Immediate-Release Tablets. <i>Polymers</i> , 2020, 12, 1395.	4.5	31

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37	Extrusion-Based 3D Printing for Pharmaceuticals: Contemporary Research and Applications. <i>Current Pharmaceutical Design</i> , 2019, 24, 4991-5008.	1.9	31
38	3D Printing in medicine: Technology overview and drug delivery applications. <i>Annals of 3D Printed Medicine</i> , 2021, 4, 100037.	3.1	28
39	Formulation design and evaluation of aceclofenac nanogel for topical application. <i>Therapeutic Delivery</i> , 2020, 11, 767-778.	2.2	27
40	3D Printing of Dapagliflozin Containing Self-Nanoemulsifying Tablets: Formulation Design and In Vitro Characterization. <i>Pharmaceutics</i> , 2021, 13, 993.	4.5	27
41	Nanostructured Lipid Carriers (NLCs): Nose-to-Brain Delivery and Theranostic Application. <i>Current Drug Metabolism</i> , 2020, 21, 1136-1143.	1.2	27
42	Improved Analgesic and Anti-Inflammatory Effect of Diclofenac Sodium by Topical Nanoemulgel: Formulation Development ⁹ In Vitro and In Vivo Studies. <i>Journal of Chemistry</i> , 2020, 2020, 1-10.	1.9	26
43	Lipid Nanoparticles Based Cosmetics with Potential Application in Alleviating Skin Disorders. <i>Cosmetics</i> , 2021, 8, 84.	3.3	26
44	DNA Methylation: A Promising Approach in Management of Alzheimer's Disease and Other Neurodegenerative Disorders. <i>Biology</i> , 2022, 11, 90.	2.8	26
45	Emerging advances in synthetic cancer nano-vaccines: opportunities and challenges. <i>Expert Review of Vaccines</i> , 2020, 19, 1053-1071.	4.4	23
46	Role of Nanomedicines in Delivery of Anti-Acetylcholinesterase Compounds to the Brain in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1315-1324.	1.4	23
47	Advancement in design of nanostructured lipid carriers for cancer targeting and theranostic application. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129936.	2.4	22
48	Molecular Mechanisms and Therapeutic Strategies for Levodopa-Induced Dyskinesia in Parkinson's Disease: A Perspective Through Preclinical and Clinical Evidence. <i>Frontiers in Pharmacology</i> , 2022, 13, 805388.	3.5	22
49	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101279.	3.0	20
50	Omega-3 fatty acids as adjunctive therapeutics: prospective of nanoparticles in its formulation development. <i>Therapeutic Delivery</i> , 2020, 11, 851-868.	2.2	20
51	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 117, 79-84.	2.9	19
52	Organ-Specific Phytochemical Profiling and Antioxidant Analysis of <i>Parthenium hysterophorus</i> L.. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	18
53	Polymer-Lipid Hybrid Systems: Scope of Intravenous-To-Oral Switch in Cancer Chemotherapy. <i>Current Nanomedicine</i> , 2020, 10, 164-177.	0.6	18
54	Optimization of semisolid extrusion (pressure-assisted microsyringe)-based 3D printing process for advanced drug delivery application. <i>Annals of 3D Printed Medicine</i> , 2021, 2, 100008.	3.1	18

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55	Nanovesicular Transfersomes for Enhanced Systemic Delivery of Telmisartan. <i>Advanced Science, Engineering and Medicine</i> , 2013, 5, 299-308.	0.3	16
56	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021, 10, 1097.	2.8	16
57	Lipid based Nanocarriers for Oral Delivery of Cancer Chemotherapeutics: An Insight in the Intestinal Lymphatic Transport. <i>Drug Delivery Letters</i> , 2013, 3, 38-46.	0.5	15
58	Molecular Targets and Nanoparticulate Systems Designed for the Improved Therapeutic Intervention in Glioblastoma Multiforme. <i>Drug Research</i> , 2021, 71, 122-137.	1.7	15
59	Inclusion complex of thymol and hydroxypropyl- β -cyclodextrin (HP- β -CD) in polymeric hydrogel for topical application: Physicochemical characterization, molecular docking, and stability evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102609.	3.0	15
60	Investigation Utilizing the HLB Concept for the Development of Moisturizing Cream and Lotion: In-Vitro Characterization and Stability Evaluation. <i>Cosmetics</i> , 2020, 7, 43.	3.3	14
61	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges. <i>Pharmaceutics</i> , 2021, 13, 2039.	4.5	14
62	Quality by Design Approach for Self Nanoemulsifying System of Paclitaxel. <i>Science of Advanced Materials</i> , 2014, 6, 1778-1791.	0.7	13
63	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. <i>Immunotherapy</i> , 2021, 13, 491-507.	2.0	12
64	Self-Emulsifying Nano Carriers for Improved Oral Bioavailability of Lipophilic Drugs. <i>Reviews in Advanced Sciences and Engineering</i> , 2012, 1, 134-147.	0.6	11
65	Resveratrol loaded self-nanoemulsifying drug delivery system (SNEDDS) for pancreatic cancer: Formulation design, optimization and in vitro evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102555.	3.0	11
66	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2022, 195, 114849.	4.4	11
67	Development, Optimization, and In Vitro Evaluation of Novel Oral Long-Acting Resveratrol Nanocomposite In-Situ Gelling Film in the Treatment of Colorectal Cancer. <i>Gels</i> , 2021, 7, 276.	4.5	11
68	Emerging trends and promises of nanoemulsions in therapeutics of infectious diseases. <i>Nanomedicine</i> , 2022, 17, 793-812.	3.3	11
69	Toxicity of Inorganic Nanoparticles Used in Targeted Drug Delivery and Other Biomedical Application: An Updated Account on Concern of Biomedical Nanotoxicology. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7873-7897.	0.9	10
70	Formulation design and pharmacokinetic evaluation of docosahexaenoic acid containing self-nanoemulsifying drug delivery system for oral administration. <i>Nanomaterials and Nanotechnology</i> , 2020, 10, 184798042095098.	3.0	10
71	Development and Evaluation of Repurposed Etoricoxib Loaded Nanoemulsion for Improving Anticancer Activities against Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13284.	4.1	10
72	Formulation Design of Micronized Silver Sulfadiazine Containing Aloe vera Gel for Wound Healing. <i>Current Bioactive Compounds</i> , 2016, 12, 63-68.	0.5	9

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73	Effect of Nardostachys jatamansi DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020, 9, 1579.	3.5	8
74	Nanoemulgel as an approach to improve the biopharmaceutical performance of lipophilic drugs: Contemporary research and application. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103420.	3.0	8
75	Parthenium hysterophorus steps up Ca-regulatory pathway in defence against highlight intensities. <i>Scientific Reports</i> , 2020, 10, 8934.	3.3	7
76	Development, Optimization, and Evaluation of Luliconazole Nanoemulgel for the Treatment of Fungal Infection. <i>Journal of Chemistry</i> , 2021, 2021, 1-13.	1.9	7
77	Immunology of osteoporosis: relevance of inflammatory targets for the development of novel interventions. <i>Immunotherapy</i> , 2022, 14, 815-831.	2.0	7
78	Repurposed drug against COVID-19: nanomedicine as an approach for finding new hope in old medicines. <i>Nano Express</i> , 2021, 2, 022007.	2.4	6
79	Recent Patents, Regulatory Issues, and Toxicity of Nanoparticles in Neuronal Disorders. <i>Current Drug Metabolism</i> , 2021, 22, 263-279.	1.2	6
80	Recent Advances in Theranostic Applications of Nanomaterials in Cancer. <i>Current Pharmaceutical Design</i> , 2021, 27, .	1.9	6
81	Nanotechnology to Combat Multidrug Resistance in Cancer. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2015, , 245-272.	0.1	5
82	Metallic nanoparticulate delivery systems. , 2020, , 279-328.		4
83	Response Surface Methodology for Optimization of Ultrasound Assisted Extraction of Swertiamarin from <i>Enicostema littorale</i> Blume. <i>Current Bioactive Compounds</i> , 2016, 12, 87-92.	0.5	4
84	Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin a Ellagitannin from Galls of <i>Tamarix aphylla</i> . <i>Pharmaceuticals</i> , 2022, 15, 216.	3.8	4
85	Sustained-release ginseng/sodium alginate nano hydrogel formulation, characterization, and in vivo assessment to facilitate wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103565.	3.0	4
86	3D Printing Technology in Pharmaceutical Manufacturing and Drug Delivery Application. <i>Current Pharmaceutical Design</i> , 2019, 24, 4947-4948.	1.9	2
87	3D printing technique in the development of self-nanoemulsifying drug delivery system: scope and future prospects. <i>Therapeutic Delivery</i> , 2022, 13, 135-139.	2.2	2
88	Pharmacokinetic Analysis of Taxane Through a Validated Ultra-High Performance Liquid Chromatography-Synapt Mass Spectrometry (UHPLC-MS/MS ESI-Q-TOF) Method. <i>Current Bioactive Compounds</i> , 2016, 12, 93-102.	0.5	1
89	Self-Nanoemulsifying Drug Delivery System for Improving Efficacy of Bioactive Phytochemicals. , 2020, , 71-87.		1
90	Metallic nanomaterials for the diagnosis and treatment of infectious diseases. , 2022, , 289-317.		0