Javed Ahmad

List of Publications by Year in descending order

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90 papers	3,104 citations	147726 31 h-index	182361 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. Environmental Research, 2018, 167, 223-233.	3.7	206
2	PI3K/AKT/mTOR pathway inhibitors in triple-negative breast cancer: a review on drug discovery and future challenges. Drug Discovery Today, 2019, 24, 2181-2191.	3.2	170
3	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. International Journal of Biological Macromolecules, 2018, 108, 650-659.	3.6	118
4	Nanotechnology-based inhalation treatments for lung cancer: state of the art. Nanotechnology, Science and Applications, 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. Biomedicine and Pharmacotherapy, 2017, 93, 255-266.	2.5	91
6	Nanocarriers in advanced drug targeting: setting novel paradigm in cancer therapeutics. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 873-884.	1.9	91
7	Effect of long-term salinity on cellular antioxidants, compatible solute and fatty acid profile of Sweet Annie (Artemisia annua L.). Phytochemistry, 2013, 95, 215-223.	1.4	83
8	Nanomedicine-based drug targeting for psoriasis: potentials and emerging trends in nanoscale pharmacotherapy. Expert Opinion on Drug Delivery, 2015, 12, 635-652.	2.4	79
9	Oleuropein: A natural antioxidant molecule in the treatment of metabolic syndrome. Phytotherapy Research, 2019, 33, 3112-3128.	2.8	74
10	Progress in nanotechnology-based drug carrier in designing of curcumin nanomedicines for cancer therapy: current state-of-the-art. Journal of Drug Targeting, 2016, 24, 273-293.	2.1	73
11	Nanoemulgel for Improved Topical Delivery of Retinyl Palmitate: Formulation Design and Stability Evaluation. Nanomaterials, 2020, 10, 848.	1.9	73
12	Nanostructured Lipid Carriers: A Novel Platform for Chemotherapeutics. Current Drug Delivery, 2016, 13, 4-26.	0.8	65
13	Emerging advances in cancer nanotheranostics with graphene nanocomposites: opportunities and challenges. Nanomedicine, 2015, 10, 2405-2422.	1.7	64
14	Improving the topical ocular pharmacokinetics of an immunosuppressant agent with mucoadhesive nanoemulsions: Formulation development, in-vitro and in-vivo studies. Colloids and Surfaces B: Biointerfaces, 2016, 148, 19-29.	2.5	64
15	Improved pharmacokinetics and antihyperlipidemic efficacy of rosuvastatin-loaded nanostructured lipid carriers. Journal of Drug Targeting, 2017, 25, 58-74.	2.1	63
16	Nanoemulsion loaded polymeric hydrogel for topical delivery of curcumin in psoriasis. Journal of Drug Delivery Science and Technology, 2020, 59, 101847.	1.4	60
17	Solid Matrix Based Lipidic Nanoparticles in Oral Cancer Chemotherapy: Applications and Pharmacokinetics. Current Drug Metabolism, 2015, 16, 633-644.	0.7	59
18	Bile Salt Stabilized Vesicles (Bilosomes): A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides. Current Pharmaceutical Design, 2017, 23, 1575-1588.	0.9	58

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19	Co-Delivery of Imiquimod and Curcumin by Nanoemugel for Improved Topical Delivery and Reduced Psoriasis-Like Skin Lesions. Biomolecules, 2020, 10, 968.	1.8	57
20	Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management: Current Status and Future Perspective. Current Alzheimer Research, 2017, 14, 1164-1181.	0.7	57
21	Progress in nanomedicine-based drug delivery in designing of chitosan nanoparticles for cancer therapy. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 602-623.	1.8	55
22	Solid-Nanoemulsion Preconcentrate for Oral Delivery of Paclitaxel: Formulation Design, Biodistribution, andÎ³Scintigraphy Imaging. BioMed Research International, 2014, 2014, 1-12.	0.9	53
23	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. Current Pharmaceutical Design, 2016, 22, 4360-4373.	0.9	53
24	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. Pharmaceutics, 2021, 13, 24.	2.0	48
25	Role of Graphene Nano-Composites in Cancer Therapy: Theranostic Applications, Metabolic Fate and Toxicity Issues. Current Drug Metabolism, 2015, 16, 397-409.	0.7	46
26	Epidermal growth factor receptor based active targeting: a paradigm shift towards advance tumor therapy. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1188-1198.	1.9	44
27	Topical Nano-emulgel for Skin Disorders: Formulation Approach and Characterization. Recent Patents on Anti-infective Drug Discovery, 2019, 14, 36-48.	0.5	44
28	Insights into the Targeting Potential of Thymoquinone for Therapeutic Intervention Against Triple-negative Breast Cancer. Current Drug Targets, 2018, 19, 70-80.	1.0	43
29	Formulation of Self-Nanoemulsifying Drug Delivery System for Telmisartan with Improved Dissolution and Oral Bioavailability. Journal of Dispersion Science and Technology, 2011, 32, 958-968.	1.3	41
30	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. Current Drug Discovery Technologies, 2014, 11, 197-213.	0.6	37
31	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. Pharmaceutics, 2021, 13, 840.	2.0	36
32	Thymoquinone Loaded Topical Nanoemulgel for Wound Healing: Formulation Design and In-Vivo Evaluation. Molecules, 2021, 26, 3863.	1.7	36
33	Surface-Engineered Cancer Nanomedicine: Rational Design and Recent Progress. Current Pharmaceutical Design, 2020, 26, 1181-1190.	0.9	35
34	Preparation and Characterization of Curcumin Nanoemulgel Utilizing Ultrasonication Technique for Wound Healing: In Vitro, Ex Vivo, and In Vivo Evaluation. Gels, 2021, 7, 213.	2.1	33
35	Effect of oil and co-surfactant on the formation of Solutol HS 15 based colloidal drug carrier by Boxâ€“Behnken statistical design. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 453, 68-77.	2.3	32
36	Development of a 3D Printed Coating Shell to Control the Drug Release of Encapsulated Immediate-Release Tablets. Polymers, 2020, 12, 1395.	2.0	31

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37	Extrusion-Based 3D Printing for Pharmaceuticals: Contemporary Research and Applications. Current Pharmaceutical Design, 2019, 24, 4991-5008.	0.9	31
38	3D Printing in medicine: Technology overview and drug delivery applications. Annals of 3D Printed Medicine, 2021, 4, 100037.	1.6	28
39	Formulation design and evaluation of aceclofenac nanogel for topical application. Therapeutic Delivery, 2020, 11, 767-778.	1.2	27
40	3D Printing of Dapagliflozin Containing Self-Nanoemulsifying Tablets: Formulation Design and In Vitro Characterization. Pharmaceutics, 2021, 13, 993.	2.0	27
41	Nanostructured Lipid Carriers (NLCs): Nose-to-Brain Delivery and Theranostic Application. Current Drug Metabolism, 2020, 21, 1136-1143.	0.7	27
42	Improved Analgesic and Anti-Inflammatory Effect of Diclofenac Sodium by Topical Nanoemulgel: Formulation Developmentâ€”In VitroandIn VivoStudies. Journal of Chemistry, 2020, 2020, 1-10.	0.9	26
43	Lipid Nanoparticles Based Cosmetics with Potential Application in Alleviating Skin Disorders. Cosmetics, 2021, 8, 84.	1.5	26
44	DNA Methylation: A Promising Approach in Management of Alzheimerâ€™s Disease and Other Neurodegenerative Disorders. Biology, 2022, 11, 90.	1.3	26
45	Emerging advances in synthetic cancer nano-vaccines: opportunities and challenges. Expert Review of Vaccines, 2020, 19, 1053-1071.	2.0	23
46	Role of Nanomedicines in Delivery of Anti-Acetylcholinesterase Compounds to the Brain in Alzheimerâ€™s Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1315-1324.	0.8	23
47	Advancement in design of nanostructured lipid carriers for cancer targeting and theranostic application. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129936.	1.1	22
48	Molecular Mechanisms and Therapeutic Strategies for Levodopa-Induced Dyskinesia in Parkinsonâ€™s Disease: A Perspective Through Preclinical and Clinical Evidence. Frontiers in Pharmacology, 2022, 13, 805388.	1.6	22
49	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. Journal of Drug Delivery Science and Technology, 2019, 54, 101279.	1.4	20
50	Omega-3 fatty acids as adjunctive therapeutics: prospective of nanoparticles in its formulation development. Therapeutic Delivery, 2020, 11, 851-868.	1.2	20
51	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. Pharmacology Biochemistry and Behavior, 2014, 117, 79-84.	1.3	19
52	Organ-Specific Phytochemical Profiling and Antioxidant Analysis of Parthenium hysterophorus L.. BioMed Research International, 2018, 2018, 1-10.	0.9	18
53	Polymer-Lipid Hybrid Systems: Scope of Intravenous-To-Oral Switch in Cancer Chemotherapy. Current Nanomedicine, 2020, 10, 164-177.	0.2	18
54	Optimization of semisolid extrusion (pressure-assisted microsyringe)-based 3D printing process for advanced drug delivery application. Annals of 3D Printed Medicine, 2021, 2, 100008.	1.6	18

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55	Nanovesicular Transfersomes for Enhanced Systemic Delivery of Telmisartan. Advanced Science, Engineering and Medicine, 2013, 5, 299-308.	0.3	16
56	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. Biology, 2021, 10, 1097.	1.3	16
57	Lipid based Nanocarriers for Oral Delivery of Cancer Chemotherapeutics: An Insight in the Intestinal Lymphatic Transport. Drug Delivery Letters, 2013, 3, 38-46.	0.2	15
58	Molecular Targets and Nanoparticulate Systems Designed for the Improved Therapeutic Intervention in Glioblastoma Multiforme. Drug Research, 2021, 71, 122-137.	0.7	15
59	Inclusion complex of thymol and hydroxypropyl-Î²-cyclodextrin (HP-Î²-CD) in polymeric hydrogel for topical application: Physicochemical characterization, molecular docking, and stability evaluation. Journal of Drug Delivery Science and Technology, 2021, 64, 102609.	1.4	15
60	Investigation Utilizing the HLB Concept for the Development of Moisturizing Cream and Lotion: In-Vitro Characterization and Stability Evaluation. Cosmetics, 2020, 7, 43.	1.5	14
61	Receptor-Mediated Targeted Delivery of Surface-ModifiedNanomedicine in Breast Cancer: Recent Update and Challenges. Pharmaceutics, 2021, 13, 2039.	2.0	14
62	Quality by Design Approach for Self Nanoemulsifying System of Paclitaxel. Science of Advanced Materials, 2014, 6, 1778-1791.	0.1	13
63	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. Immunotherapy, 2021, 13, 491-507.	1.0	12
64	Self-Emulsifying Nano Carriers for Improved Oral Bioavailability of Lipophilic Drugs. Reviews in Advanced Sciences and Engineering, 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. Journal of Drug Delivery Science and Technology, 2021, 64, 102555.	1.4	11
66	Novel therapeutic interventions for combating Parkinsonâ€™s disease and prospects of Nose-to-Brain drug delivery. Biochemical Pharmacology, 2022, 195, 114849.	2.0	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. Gels, 2021, 7, 276.	2.1	11
68	Emerging trends and promises of nanoemulsions inÂtherapeutics ofÂinfectious diseases. Nanomedicine, 2022, 17, 793-812.	1.7	11
69	Toxicity of Inorganic Nanoparticles Used in Targeted Drug Delivery and Other Biomedical Application: An Updated Account on Concern of Biomedical Nanotoxicology. Journal of Nanoscience and Nanotechnology, 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. Nanomaterials and Nanotechnology, 2020, 10, 184798042095098.	1.2	10
71	Development and Evaluation of Repurposed Etoricoxib Loaded Nanoemulsion for Improving Anticancer Activities against Lung Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 13284.	1.8	10
72	Formulation Design of Micronized Silver Sulfadiazine Containing Aloe vera Gel for Wound Healing. Current Bioactive Compounds, 2016, 12, 63-68.	0.2	9

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73	Effect of Nardostachys jatamansi DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. Plants, 2020, 9, 1579.	1.6	8
74	Nanoemulgel as an approach to improve the biopharmaceutical performance of lipophilic drugs: Contemporary research and application. Journal of Drug Delivery Science and Technology, 2022, 72, 103420.	1.4	8
75	Parthenium hysterophorus steps up Ca-regulatory pathway in defence against highlight intensities. Scientific Reports, 2020, 10, 8934.	1.6	7
76	Development, Optimization, and Evaluation of Luliconazole Nanoemulgel for the Treatment of Fungal Infection. Journal of Chemistry, 2021, 2021, 1-13.	0.9	7
77	Immunology of osteoporosis: relevance of inflammatory targets for the development of novel interventions. Immunotherapy, 2022, 14, 815-831.	1.0	7
78	Repurposed drug against COVID-19: nanomedicine as an approach for finding new hope in old medicines. Nano Express, 2021, 2, 022007.	1.2	6
79	Recent Patents, Regulatory Issues, and Toxicity of Nanoparticles in Neuronal Disorders. Current Drug Metabolism, 2021, 22, 263-279.	0.7	6
80	Recent Advances in Theranostic Applications of Nanomaterials in Cancer. Current Pharmaceutical Design, 2021, 27, .	0.9	6
81	Nanotechnology to Combat Multidrug Resistance in Cancer. Resistance To Targeted Anti-cancer Therapeutics, 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 Enicostema littorale Blume. Current Bioactive Compounds, 2016, 12, 87-92.	0.2	4
84	Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin a Ellagitannin from Galls of Tamarix aphylla. Pharmaceuticals, 2022, 15, 216.	1.7	4
85	Sustained-release ginseng/sodium alginate nano hydrogel formulation, characterization, and in vivo assessment to facilitate wound healing. Journal of Drug Delivery Science and Technology, 2022, 74, 103565.	1.4	4
86	3D Printing Technology in Pharmaceutical Manufacturing and Drug Delivery Application. Current Pharmaceutical Design, 2019, 24, 4947-4948.	0.9	2
87	3D printing technique in the development of self-nanoemulsifying drug delivery system: scope and future prospects. Therapeutic Delivery, 2022, 13, 135-139.	1.2	2
88	Pharmacokinetic Analysis of Taxane Through a Validated Ultra-High Performance Liquid Chromatography-Synapt Mass Spectrometry (UHPLC-MS/MS ESI-Q-TOF) Method. Current Bioactive Compounds, 2016, 12, 93-102.	0.2	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