Sultan Alshehri

List of Publications by Year
in descending order

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276	5,379	116194	223390
papers	citations	36 h-index	49 g-index

279	279	279	5097
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioactive Luteolin Entrapped Chitosan-PLGA Nanoparticles: Formulation Optimization to In-Vivo Preclinical Evaluation. Journal of Cluster Science, 2023, 34, 437-449.	1.7	9
2	Engineering processive cellulase of Clostridium thermocellum to divulge the role of the carbohydrateâ€binding module. Biotechnology and Applied Biochemistry, 2023, 70, 290-305.	1.4	2
3	Nanocrystals: Characterization Overview, Applications in Drug Delivery, and Their Toxicity Concerns. Journal of Pharmaceutical Innovation, 2022, 17, 237-248.	1.1	13
4	Formulation of ternary genistein Î²-cyclodextrin inclusion complex: In vitro characterization and cytotoxicity assessment using breast cancer cell line. Journal of Drug Delivery Science and Technology, 2022, 67, 102932.	1.4	8
5	Novel therapeutic interventions for combating Parkinsonâ€™s disease and prospects of Nose-to-Brain drug delivery. Biochemical Pharmacology, 2022, 195, 114849.	2.0	11
6	Promises of phytochemical based nano drug delivery systems in the management of cancer. Chemico-Biological Interactions, 2022, 351, 109745.	1.7	15
7	Novelkaraya gum micro-particles loaded Ganoderma lucidum polysaccharide regulate sex hormones, oxidative stress and inflammatory cytokine levels in cadmium induced testicular toxicity in experimental animals. International Journal of Biological Macromolecules, 2022, 194, 338-346.	3.6	5
8	Solubility of sinapic acid in some (ethylene glycolÂ+Âwater) mixtures: Measurement, computational modeling, thermodynamics, and preferential solvation. Journal of Molecular Liquids, 2022, 348, 118057.	2.3	11
9	Integrating nanotechnology with naturally occurring phytochemicals in neuropathy induced by diabetes. Journal of Molecular Liquids, 2022, 350, 118189.	2.3	11
10	New biologically dynamic hybrid pharmacophore triazinoindole-based-thiadiazole as potent Î±-glucosidase inhibitors: In vitro and in silico study. International Journal of Biological Macromolecules, 2022, 199, 77-85.	3.6	12
11	Gelatin- and Papaya-Based Biodegradable and Edible Packaging Films to Counter Plastic Waste Generation. Materials, 2022, 15, 1046.	1.3	14
12	Phytochemical Compound Screening to Identify Novel Small Molecules against Dengue Virus: A Docking and Dynamics Study. Molecules, 2022, 27, 653.	1.7	10
13	Lycopene: A Natural Arsenal in the War against Oxidative Stress and Cardiovascular Diseases. Antioxidants, 2022, 11, 232.	2.2	43
14	Simultaneous Determination of Caffeine and Paracetamol in Commercial Formulations Using Greener Normal-Phase and Reversed-Phase HPTLC Methods: A Contrast of Validation Parameters. Molecules, 2022, 27, 405.	1.7	20
15	Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis. Pharmaceuticals, 2022, 15, 128.	1.7	20
16	Anti-Huntingtonâ€™s Effect of Butin in 3-Nitropropionic Acid-Treated Rats: Possible Mechanism of Action. Neurotoxicity Research, 2022, 40, 66-77.	1.3	9
17	Enhancing Ocular Bioavailability of Ciprofloxacin Using Colloidal Lipid-Based Carrier for the Management of Post-Surgical Infection. Molecules, 2022, 27, 733.	1.7	10
18	Aromatic Polyesters Containing Ether and a Kinked Aromatic Amide Structure in the Main Chain: Synthesis and Characterisation. Coatings, 2022, 12, 181.	1.2	1

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19	Perception of Biosimilar Biologics and Non-Medical Prescription Switching among Rheumatologists: A Saudi Society for Rheumatology Initiative. Saudi Pharmaceutical Journal, 2022, 30, 39-44.	1.2	3
20	DNA Methylation: A Promising Approach in Management of Alzheimerâ€™s Disease and Other Neurodegenerative Disorders. Biology, 2022, 11, 90.	1.3	26
21	Genes and Longevity of Lifespan. International Journal of Molecular Sciences, 2022, 23, 1499.	1.8	13
22	Localizing pharmaceuticals manufacturing and its impact on drug security in Saudi Arabia. Saudi Pharmaceutical Journal, 2022, 30, 28-38.	1.2	16
23	Formulation of Apigenin-Cyclodextrin-Chitosan Ternary Complex: Physicochemical Characterization, In Vitro and In Vivo Studies. AAPS PharmSciTech, 2022, 23, 71.	1.5	7
24	Determination of Thymol in Commercial Formulation, Essential Oils, Traditional, and Ultrasound-Based Extracts of Thymus vulgaris and Origanum vulgare Using a Greener HPTLC Approach. Molecules, 2022, 27, 1164.	1.7	8
25	Development and Optimization of Hybrid Polymeric Nanoparticles of Apigenin: Physicochemical Characterization, Antioxidant Activity and Cytotoxicity Evaluation. Sensors, 2022, 22, 1364.	2.1	12
26	Theranostic Interpolation of Genomic Instability in Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 1861.	1.8	8
27	A Review on the Main Phytoconstituents, Traditional Uses, Inventions, and Patent Literature of Gum Arabic Emphasizing Acacia seyal. Molecules, 2022, 27, 1171.	1.7	19
28	Formulation and Evaluation of Topical Nano-Lipid-Based Delivery of Butenafine: In Vitro Characterization and Antifungal Activity. Gels, 2022, 8, 133.	2.1	15
29	A Greener Stability-Indicating High-Performance Thin-Layer Chromatography Approach for the Estimation of Topiramate. Materials, 2022, 15, 1731.	1.3	1
30	Product Development Studies of Cranberry Seed Oil Nanoemulsion. Processes, 2022, 10, 393.	1.3	6
31	Plant-Based Synthesis of Gold Nanoparticles and Theranostic Applications: A Review. Molecules, 2022, 27, 1391.	1.7	43
32	Formulation of Chitosan-Coated Apigenin Bilosomes: In Vitro Characterization, Antimicrobial and Cytotoxicity Assessment. Polymers, 2022, 14, 921.	2.0	14
33	Phytochemicals Mediated Synthesis of AuNPs from Citrullus colocynthis and Their Characterization. Molecules, 2022, 27, 1300.	1.7	9
34	Design, Synthesis, Molecular Docking, and Biological Evaluation of Pyrazole Hybrid Chalcone Conjugates as Potential Anticancer Agents and Tubulin Polymerization Inhibitors. Pharmaceuticals, 2022, 15, 280.	1.7	11
35	Polycystic Ovarian Syndrome: A Complex Disease with a Genetics Approach. Biomedicines, 2022, 10, 540.	1.4	19
36	In Vivo Assessment of the Ameliorative Impact of Some Medicinal Plant Extracts on Lipopolysaccharide-Induced Multiple Sclerosis in Wistar Rats. Molecules, 2022, 27, 1608.	1.7	4

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37	Preparation of NLCs-Based Topical Erythromycin Gel: In Vitro Characterization and Antibacterial Assessment. Gels, 2022, 8, 116.	2.1	12
38	Use of Next-Generation Sequencing for Identifying Mitochondrial Disorders. Current Issues in Molecular Biology, 2022, 44, 1127-1148.	1.0	6
39	Wasp venom peptide improves the proapoptotic activity of alendronate sodium in A549 lung cancer cells. PLoS ONE, 2022, 17, e0264093.	1.1	4
40	Rosinidin Flavonoid Ameliorates Hyperglycemia, Lipid Pathways and Proinflammatory Cytokines in Streptozotocin-Induced Diabetic Rats. Pharmaceutics, 2022, 14, 547.	2.0	4
41	Development and Optimization of Nanolipid-Based Formulation of Diclofenac Sodium: In Vitro Characterization and Preclinical Evaluation. Pharmaceutics, 2022, 14, 507.	2.0	8
42	Development of Therapeutic and Prophylactic Zinc Compositions for Use against COVID-19: A Glimpse of the Trends, Inventions, and Patents. Nutrients, 2022, 14, 1227.	1.7	14
43	UPLC-MS/MS-Based Analysis of Trastuzumab in Plasma Samples: Application in Breast Cancer Patients Sample Monitoring. Processes, 2022, 10, 509.	1.3	0
44	Ribociclib-Loaded Ethylcellulose-Based Nanosponges: Formulation, Physicochemical Characterization, and Cytotoxic Potential against Breast Cancer. Adsorption Science and Technology, 2022, 2022, .	1.5	9
45	Tricyclodecan-9-yl-Xanthogenate (D609): Mechanism of Action and Pharmacological Applications. International Journal of Molecular Sciences, 2022, 23, 3305.	1.8	1
46	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury. Regenerative Therapy, 2022, 19, 144-153.	1.4	17
47	Integrated Machine Learning and Chemoinformatics-Based Screening of Mycotic Compounds against Kinesin Spindle ProteinEg5 for Lung Cancer Therapy. Molecules, 2022, 27, 1639.	1.7	7
48	Formulation of Piperine Nanoparticles: In Vitro Breast Cancer Cell Line and In Vivo Evaluation. Polymers, 2022, 14, 1349.	2.0	10
49	Utilization of Artificial Intelligence in Disease Prevention: Diagnosis, Treatment, and Implications for the Healthcare Workforce. Healthcare (Switzerland), 2022, 10, 608.	1.0	32
50	Quality Control Standardization, Contaminant Detection and In Vitro Antioxidant Activity of Prunus domestica Linn. Fruit. Plants, 2022, 11, 706.	1.6	4
51	Thymoquinone-Enriched Naringenin-Loaded Nanostructured Lipid Carrier for Brain Delivery via Nasal Route: In Vitro Prospect and In Vivo Therapeutic Efficacy for the Treatment of Depression. Pharmaceutics, 2022, 14, 656.	2.0	18
52	Formulation of Self-Nanoemulsifying Drug Delivery System of Cephalexin: Physiochemical Characterization and Antibacterial Evaluation. Polymers, 2022, 14, 1055.	2.0	15
53	Development and Evaluation of Chitosan Nanoparticles for Ocular Delivery of Tedizolid Phosphate. Molecules, 2022, 27, 2326.	1.7	18
54	Formulation and Evaluation of Apigenin-Loaded Hybrid Nanoparticles. Pharmaceutics, 2022, 14, 783.	2.0	7

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55	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
56	Green analytical chemistry approach for the determination of emtricitabine in human plasma, formulations, and solubility study samples. Sustainable Chemistry and Pharmacy, 2022, 26, 100648.	1.6	1
57	Solubility and solution thermodynamics of raloxifene hydrochloride in various (DMSOÂ+Âwater) compositions. AEJ - Alexandria Engineering Journal, 2022, 61, 9119-9128.	3.4	9
58	Formulation and Evaluation of Luteolin-Loaded Nanovesicles: In Vitro Physicochemical Characterization and Viability Assessment. ACS Omega, 2022, 7, 1048-1056.	1.6	15
59	Smart Nanocarriers as an Emerging Platform for Cancer Therapy: A Review. Molecules, 2022, 27, 146.	1.7	58
60	Unique Properties of Surface-Functionalized Nanoparticles for Bio-Application: Functionalization Mechanisms and Importance in Application. Nanomaterials, 2022, 12, 1333.	1.9	55
61	Evaluation of the Structural Deviation of Cu/Cu2O Nanocomposite Using the X-ray Diffraction Analysis Methods. Crystals, 2022, 12, 566.	1.0	9
62	Development and Characterization of PEGylated Fatty Acid-Block-Poly(Îµ-caprolactone) Novel Block Copolymers and Their Self-Assembled Nanostructures for Ocular Delivery of Cyclosporine A. Polymers, 2022, 14, 1635.	2.0	9
63	Determination of Gefitinib Using Routine and Greener Stability-Indicating HPTLC Methods: A Comparative Evaluation of Validation Parameters. Processes, 2022, 10, 762.	1.3	1
64	Development of a Novel Methotrexate-Loaded Nanoemulsion for Rheumatoid Arthritis Treatment with Site-Specific Targeting Subcutaneous Delivery. Nanomaterials, 2022, 12, 1299.	1.9	18
65	A Green High-Performance Thin-Layer Chromatography Method for the Determination of Caffeine in Commercial Energy Drinks and Formulations. Materials, 2022, 15, 2965.	1.3	7
66	Effect of Solvents, Stabilizers and the Concentration of Stabilizers on the Physical Properties of Poly(d,l-lactide-co-glycolide) Nanoparticles: Encapsulation, In Vitro Release of Indomethacin and Cytotoxicity against HepG2-Cell. Pharmaceutics, 2022, 14, 870.	2.0	13
67	Sepsis triggered oxidative stress-inflammatory axis: the pathobiology of reprogramming in the normal sleepâ€“wake cycle. Molecular and Cellular Biochemistry, 2022, 477, 2203-2211.	1.4	3
68	The Therapeutic and Prophylactic Potential of Quercetin against COVID-19: An Outlook on the Clinical Studies, Inventive Compositions, and Patent Literature. Antioxidants, 2022, 11, 876.	2.2	34
69	Development of Apremilast Nanoemulsion-Loaded Chitosan Gels: In Vitro Evaluations and Anti-Inflammatory and Wound Healing Studies on a Rat Model. Gels, 2022, 8, 253.	2.1	13
70	Development, In-Vitro Characterization and Preclinical Evaluation of Esomeprazole-Encapsulated Proniosomal Formulation for the Enhancement of Anti-Ulcer Activity. Molecules, 2022, 27, 2748.	1.7	3
71	TiO2â€“SnO2 Nanocomposites for Photocatalytic Environmental Remediation under UV-Light. Metals, 2022, 12, 733.	1.0	6
72	A Simple, Cost-Effective, and Green HPTLC Method for the Estimation of Ascorbic Acid in Solvent and Ultrasound-Assisted Extracts of Phyllanthus emblica, Capsicum annuum, and Psidium guajava. Agronomy, 2022, 12, 1016.	1.3	1

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73	Formulation and Evaluation of Nano Lipid Carrier-Based Ocular Gel System: Optimization to Antibacterial Activity. Gels, 2022, 8, 255.	2.1	11
74	Formulation of Isopropyl Isothiocyanate Loaded Nano Vesicles Delivery Systems: In Vitro Characterization and In Vivo Assessment. Molecules, 2022, 27, 2876.	1.7	0
75	Triazoles and Their Derivatives: Chemistry, Synthesis, and Therapeutic Applications. Frontiers in Molecular Biosciences, 2022, 9, 864286.	1.6	67
76	Box-Behnken Design (BBD) Application for Optimization of Chromatographic Conditions in RP-HPLC Method Development for the Estimation of Thymoquinone in Nigella sativa Seed Powder. Processes, 2022, 10, 1082.	1.3	5
77	Simultaneous Determination of Fenchone and Trans-Anethole in Essential Oils and Methanolic Extracts of Foeniculum vulgare Mill. Fruits Obtained from Different Geographical Regions Using GC-MS Approach. Separations, 2022, 9, 132.	1.1	3
78	An Overview of the Neuropharmacological Potential of Thymoquinone and its Targeted Delivery Prospects for CNS Disorder. Current Drug Metabolism, 2022, 23, 447-459.	0.7	4
79	Phytochemical Profiling and Antibacterial Activity of Methanol Leaf Extract of Skimmia anquetilia. Plants, 2022, 11, 1667.	1.6	10
80	Solubility and Thermodynamic Data of Febuxostat in Various Mono Solvents at Different Temperatures. Molecules, 2022, 27, 4043.	1.7	6
81	Protective Effect of Fustin Against Ethanol-Activated Gastric Ulcer via Downregulation of Biochemical Parameters in Rats. ACS Omega, 2022, 7, 23245-23254.	1.6	8
82	Determination of Colchicine in Pharmaceutical Formulations, Traditional Extracts, and Ultrasonication-Based Extracts of Colchicum autumnale Pleniflorum (L.) Using Regular and Greener HPTLC Approaches: A Comparative Evaluation of Validation Parameters. Plants, 2022, 11, 1767.	1.6	2
83	Development and Optimization of Ciprofloxacin HCl-Loaded Chitosan Nanoparticles Using Boxâ€“Behnken Experimental Design. Molecules, 2022, 27, 4468.	1.7	9
84	Antiamnesic Potential of Malvidin on Aluminum Chloride Activated by the Free Radical Scavenging Property. ACS Omega, 2022, 7, 24231-24240.	1.6	7
85	MiRNAs in Lung Cancer: Diagnostic, Prognostic, and Therapeutic Potential. Diagnostics, 2022, 12, 1610.	1.3	10
86	Immunology of osteoporosis: relevance of inflammatory targets for the development of novel interventions. Immunotherapy, 2022, 14, 815-831.	1.0	7
87	Solubility Data, Solubility Parameters and Thermodynamic Behavior of an Antiviral Drug Emtricitabine in Different Pure Solvents: Molecular Understanding of Solubility and Dissolution. Molecules, 2021, 26, 746.	1.7	7
88	Oral gel loaded with penciclovirâ€“lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. Drug Delivery, 2021, 28, 1043-1054.	2.5	15
89	Optimized Self-Nanoemulsifying Delivery System Based on Plant-Derived Oil Augments Alpha-Lipoic Acid Protective Effects Against Experimentally Induced Gastric Lesions. Dose-Response, 2021, 19, 155932582110012.	0.7	2
90	Chitosan Coated Luteolin Nanostructured Lipid Carriers: Optimization, In Vitro-Ex Vivo Assessments and Cytotoxicity Study in Breast Cancer Cells. Coatings, 2021, 11, 158.	1.2	35

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91	Development, optimization and characterization of nanoemulsion loaded with clove oil-naftifine antifungal for the management of tinea. Drug Delivery, 2021, 28, 343-356.	2.5	17
92	Glycemic Index of Gluten-Free Bread and Their Main Ingredients: A Systematic Review and Meta-Analysis. Foods, 2021, 10, 506.	1.9	31
93	Thermodynamic, Computational Solubility Parameters in Organic Solvents and In Silico GastroPlus Based Prediction of Ketoconazole. ACS Omega, 2021, 6, 5033-5045.	1.6	12
94	Development and Characterization of Sustained-Released Donepezil Hydrochloride Solid Dispersions Using Hot Melt Extrusion Technology. Pharmaceutics, 2021, 13, 213.	2.0	15
95	Chronicles of Nanoerythrosomes: An Erythrocyte-Based Biomimetic Smart Drug Delivery System as a Therapeutic and Diagnostic Tool in Cancer Therapy. Pharmaceutics, 2021, 13, 368.	2.0	23
96	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. Saudi Pharmaceutical Journal, 2021, 29, 269-279.	1.2	31
97	Experimental Solubility, Thermodynamic/Computational Validations, and GastroPlus-Based In Silico Prediction for Subcutaneous Delivery of Rifampicin. AAPS PharmSciTech, 2021, 22, 116.	1.5	4
98	Investigating the Feasibility of Mefenamic Acid Nanosuspension for Pediatric Delivery: Preparation, Characterization, and Role of Excipients. Processes, 2021, 9, 574.	1.3	9
99	Preparation and Optimization of PEGylated Nano Graphene Oxide-Based Delivery System for Drugs with Different Molecular Structures Using Design of Experiment (DoE). Molecules, 2021, 26, 1457.	1.7	8
100	Potential of Natural Bioactive Compounds in Management of Diabetes: Review of Preclinical and Clinical Evidence. Current Pharmacology Reports, 2021, 7, 107-122.	1.5	5
101	A Systematic Review on Gluten-Free Bread Formulations Using Specific Volume as a Quality Indicator. Foods, 2021, 10, 614.	1.9	25
102	Deleterious effect of angiotensin-converting enzyme gene polymorphism in vitiligo patients. Saudi Journal of Biological Sciences, 2021, 28, 4478-4483.	1.8	7
103	In vitro, ex vivo, and in vivo studies of binary ethosomes for transdermal delivery of acyclovir: A comparative assessment. Journal of Drug Delivery Science and Technology, 2021, 62, 102390.	1.4	11
104	Solubilization and thermodynamic properties of simvastatin in various micellar solutions of different non-ionic surfactants: Computational modeling and solubilization capacity. PLoS ONE, 2021, 16, e0249485.	1.1	11
105	Ceramide expression in relation to breast cancer molecular subtypes in Saudi women. Saudi Pharmaceutical Journal, 2021, 29, 609-615.	1.2	0
106	Synthesis and Evaluation of Thiol-Conjugated Poloxamer and Its Pharmaceutical Applications. Pharmaceutics, 2021, 13, 693.	2.0	2
107	Design and Development of Dâ€'Î±â€'Tocopheryl Polyethylene Glycol Succinateâ€'blockâ€'Poly(Îµ-Caprolactone) (TPGSâ^'bâ^'PCL) Nanocarriers for Solubilization and Controlled Release of Paclitaxel. Molecules, 2021, 26, 2690.	1.7	6
108	Formulation and in vitro evaluation of topical nanosponge-based gel containing butenafine for the treatment of fungal skin infection. Saudi Pharmaceutical Journal, 2021, 29, 467-477.	1.2	38

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109	Application of Green Nanoemulsion for Elimination of Rifampicin from a Bulk Aqueous Solution. International Journal of Environmental Research and Public Health, 2021, 18, 5835.	1.2	11
110	Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. Coatings, 2021, 11, 548.	1.2	13
111	LCR based quick detection of hotspot G1896A mutation in patients with different spectrum of hepatitis B. Journal of Infection and Public Health, 2021, 14, 651-654.	1.9	2
112	UPLC-MS/MS assay of Tedizolid in rabbit aqueous humor: Application to ocular pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1171, 122621.	1.2	10
113	Formulation of Piperineâ€“Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. Molecules, 2021, 26, 3281.	1.7	30
114	Formulation of GelucireÂ®-Based Solid Dispersions of Atorvastatin Calcium: In Vitro Dissolution and In Vivo Bioavailability Study. AAPS PharmSciTech, 2021, 22, 161.	1.5	8
115	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. Pharmaceutics, 2021, 13, 840.	2.0	36
116	Addendum: Gilani et al. Formulation and Optimization of Nano Lipid Based Oral Delivery Systems for Arthritis. Coatings 2021, 11, 548. Coatings, 2021, 11, 781.	1.2	1
117	Experimental Solubility of Ketoconazole, Validation Models, and In vivo Prediction in Human Based on GastroPlus. AAPS PharmSciTech, 2021, 22, 194.	1.5	2
118	Evaluation of the Anticancer Activity of Phytomolecules Conjugated Gold Nanoparticles Synthesized by Aqueous Extracts of Zingiber officinale (Ginger) and Nigella sativa L. Seeds (Black Cumin). Materials, 2021, 14, 3368.	1.3	15
119	Efficacy of SPG-ODN 1826 Nanovehicles in Inducing M1 Phenotype through TLR-9 Activation in Murine Alveolar J774A.1 Cells: Plausible Nano-Immunotherapy for Lung Carcinoma. International Journal of Molecular Sciences, 2021, 22, 6833.	1.8	33
120	Formulation and Optimization of Butenafine-Loaded Topical Nano Lipid Carrier-Based Gel: Characterization, Irritation Study, and Anti-Fungal Activity. Pharmaceutics, 2021, 13, 1087.	2.0	20
121	Development, Optimization and Evaluation of 2-Methoxy-Estradiol Loaded Nanocarrier for Prostate Cancer. Frontiers in Pharmacology, 2021, 12, 682337.	1.6	7
122	Rapid, Sensitive, and Sustainable Reversed-Phase HPTLC Method in Comparison to the Normal-Phase HPTLC for the Determination of Pterostilbene in Capsule Dosage Form. Processes, 2021, 9, 1305.	1.3	8
123	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. Processes, 2021, 9, 1210.	1.3	17
124	Development and Optimization of Cinnamon Oil Nanoemulgel for Enhancement of Solubility and Evaluation of Antibacterial, Antifungal and Analgesic Effects against Oral Microbiota. Pharmaceutics, 2021, 13, 1008.	2.0	17
125	In vitro and in vivo biological assessment of dual drug-loaded coaxial nanofibers for the treatment of corneal abrasion. International Journal of Pharmaceutics, 2021, 604, 120732.	2.6	18
126	Experimental Design Based Optimization and Ex Vivo Permeation of Desmopressin Acetate Loaded Elastic Liposomes Using Rat Skin. Pharmaceutics, 2021, 13, 1047.	2.0	6

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127	Cholinesterase inhibitory activity of tinosporide and 8-hydroxytinosporide isolated from Tinospora cordifolia: In vitro and in silico studies targeting management of Alzheimerâ€™s disease. Saudi Journal of Biological Sciences, 2021, 28, 3893-3900.	1.8	6
128	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. Pharmaceutics, 2021, 13, 1218.	2.0	27
129	Thymoquinone loaded chitosan - Solid lipid nanoparticles: Formulation optimization to oral bioavailability study. Journal of Drug Delivery Science and Technology, 2021, 64, 102565.	1.4	21
130	Nanoemulsification Improves the Pharmaceutical Properties and Bioactivities of Niaouli Essential Oil (Melaleuca quinquenervia L.). Molecules, 2021, 26, 4750.	1.7	12
131	Formulation, Optimization, and Evaluation of Oregano Oil Nanoemulsions for the Treatment of Infections Due to Oral Microbiota. International Journal of Nanomedicine, 2021, Volume 16, 5465-5478.	3.3	19
132	Formulation of carteolol chitosomes for ocular delivery: formulation optimization, ex-vivo permeation, and ocular toxicity examination. Cutaneous and Ocular Toxicology, 2021, 40, 338-349.	0.5	9
133	A Sustainable Reversed-Phase HPTLC Method for the Quantitative Estimation of Hesperidin in Traditional and Ultrasound-Assisted Extracts of Different Varieties of Citrus Fruit Peels and Commercial Tablets. Agronomy, 2021, 11, 1744.	1.3	5
134	Highly Sensitive and Ecologically Sustainable Reversed-Phase HPTLC Method for the Determination of Hydroquinone in Commercial Whitening Creams. Processes, 2021, 9, 1631.	1.3	5
135	Pathobiological Relationship of Excessive Dietary Intake of Choline/L-Carnitine: A TMAO Precursor-Associated Aggravation in Heart Failure in Sarcopenic Patients. Nutrients, 2021, 13, 3453.	1.7	9
136	pH-Responsive Nanocomposite Based Hydrogels for the Controlled Delivery of Ticagrelor; In Vitro and In Vivo Approaches. International Journal of Nanomedicine, 2021, Volume 16, 6345-6366.	3.3	6
137	Systematic development of lectin conjugated microspheres for nose-to-brain delivery of rivastigmine for the treatment of Alzheimerâ€™s disease. Biomedicine and Pharmacotherapy, 2021, 141, 111829.	2.5	18
138	Effect of temperature and polarity on the solubility and preferential solvation of sinapic acid in aqueous mixtures of DMSO and Carbitol. Journal of Molecular Liquids, 2021, 340, 117268.	2.3	19
139	Thymoquinone-entrapped chitosan-modified nanoparticles: formulation optimization to preclinical bioavailability assessments. Drug Delivery, 2021, 28, 973-984.	2.5	34
140	Antiarthritic Potential of Calotropis procera Leaf Fractions in FCA-Induced Arthritic Rats: Involvement of Cellular Inflammatory Mediators and Other Biomarkers. Agriculture (Switzerland), 2021, 11, 68.	1.4	14
141	Nanocubosomal based in situ gel loaded with natamycin for ocular fungal diseases: development, optimization, in-vitro, and in-vivo assessment. Drug Delivery, 2021, 28, 1836-1848.	2.5	18
142	Effect of Chitosan Coating on PLGA Nanoparticles for Oral Delivery of Thymoquinone: In Vitro, Ex Vivo, and Cancer Cell Line Assessments. Coatings, 2021, 11, 6.	1.2	31
143	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. Pharmaceutics, 2021, 13, 24.	2.0	48
144	Norfloxacin Loaded Lipid Polymer Hybrid Nanoparticles for Oral Administration: Fabrication, Characterization, In Silico Modelling and Toxicity Evaluation. Pharmaceutics, 2021, 13, 1632.	2.0	7

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145	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. Biology, 2021, 10, 1097.	1.3	16
146	Rapid, Highly-Sensitive and Ecologically Greener Reversed-Phase/Normal-Phase HPTLC Technique with Univariate Calibration for the Determination of Trans-Resveratrol. Separations, 2021, 8, 184.	1.1	0
147	Formulation, Optimization and Evaluation of Luteolin-Loaded Topical Nanoparticulate Delivery System for the Skin Cancer. Pharmaceutics, 2021, 13, 1749.	2.0	14
148	Design and Evaluation of Losartan Potassium Effervescent Floating Matrix Tablets: In Vivo X-ray Imaging and Pharmacokinetic Studies in Albino Rabbits. Polymers, 2021, 13, 3476.	2.0	10
149	A rapid, sensitive, and greener stability-indicating normal-phase HPTLC method with univariate calibration for the estimation of chlorhexidine acetate in its commercial formulations. Sustainable Chemistry and Pharmacy, 2021, 24, 100552.	1.6	1
150	Solubility of 6-phenyl-4,5-dihydropyridazin-3(2H)-one in aqueous mixtures of Transcutol and PEG 400 revisited: Correlation and preferential solvation. Journal of Molecular Liquids, 2021, 344, 117728.	2.3	4
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