

Nabil A Alhakamy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177
papers

1,770
citations

22
h-index

32
g-index

205
ext. papers

2,743
ext. citations

4.9
avg, IF

5.59
L-index

#	Paper	IF	Citations
177	Sitagliptin Combined HIV-TAT as Potential Therapeutic Targeting of SARS-CoV-2 Virus. <i>International Journal of Pharmacology</i> , 2022 , 18, 70-78	0.7	
176	Green Nanoemulsion Stabilized by In Situ Self-Assembled Natural Oil/Native Cyclodextrin Complexes: An Eco-Friendly Approach for Enhancing Anticancer Activity of Costunolide against Lung Cancer Cells.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
175	Characterization of cisplatin-loaded chitosan nanoparticles and rituximab-linked surfaces as target-specific injectable nano-formulations for combating cancer.. <i>Scientific Reports</i> , 2022 , 12, 468	4.9	5
174	DNA Methylation: A Promising Approach in Management of Alzheimer's Disease and Other Neurodegenerative Disorders.. <i>Biology</i> , 2022 , 11,	4.9	4
173	An Insight to Brain Targeting Utilizing Polymeric Nanoparticles: Effective Treatment Modalities for Neurological Disorders and Brain Tumor.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 788128	5.8	3
172	Utilization of nanotechnology and experimental design in development and optimization of Aloe vera gel loaded with Finasteride-Garlic Oil-Nanotransfersomes. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103130	4.5	0
171	Wasp venom peptide improves the proapoptotic activity of alendronate sodium in A549 lung cancer cells.. <i>PLoS ONE</i> , 2022 , 17, e0264093	3.7	1
170	Machine Learning with Quantum Seagull Optimization Model for COVID-19 Chest X-Ray Image Classification.. <i>Journal of Healthcare Engineering</i> , 2022 , 2022, 6074538	3.7	1
169	New Alpha-Amylase Inhibitory Metabolites from Pericarps of .. <i>Life</i> , 2022 , 12,	3	2
168	Boosting curcumin activity against human prostatic cancer PC3 cells by utilizing scorpion venom conjugated phytosomes as promising functionalized nanovesicles.. <i>Drug Delivery</i> , 2022 , 29, 807-820	7	2
167	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	5.6	2
166	Recent development of aptamer conjugated chitosan nanoparticles as cancer therapeutics.. <i>International Journal of Pharmaceutics</i> , 2022 , 121751	6.5	6
165	Nanocarrier-based co-delivery approaches of chemotherapeutics with natural P-glycoprotein inhibitors in the improvement of multidrug resistance cancer therapy.. <i>Journal of Drug Targeting</i> , 2022 , 1-52	5.4	
164	Adenosine Conjugated Docetaxel Nanoparticles Proof of Concept Studies for Non-Small Cell Lung Cancer. <i>Pharmaceutics</i> , 2022 , 15, 544	5.2	0
163	Adverse Events and Tolerability of Combined Durvalumab and Tremelimumab versus Durvalumab Alone in Solid Cancers: A Systematic Review and Meta-Analysis. <i>Biomedicines</i> , 2022 , 10, 1101	4.8	0
162	Merging Experimental Design and Nanotechnology for the Development of Optimized Simvastatin Spanlastics: A Promising Combined Strategy for Augmenting the Suppression of Various Human Cancer Cells. <i>Pharmaceutics</i> , 2022 , 14, 1024	6.4	1
161	Development and optimization of ofloxacin as solid lipid nanoparticles for enhancement of its ocular activity. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 72, 103373	4.5	4

160	Optimized 2-methoxyestradiol invasomes fortified with apamin: a promising approach for suppression of A549 lung cancer cells. <i>Drug Delivery</i> , 2022 , 29, 1536-1548	7	0
159	Multiclass Classification of Chest X-Ray Images for the Prediction of COVID-19 Using Capsule Network. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 1-8	3	1
158	Fluoxetine Ecofriendly Nanoemulsion Enhances Wound Healing in Diabetic Rats: In Vivo Efficacy Assessment. <i>Pharmaceutics</i> , 2022 , 14, 1133	6.4	0
157	Thioctamer: a novel thioctic acid- β -glutiramer acetate nanoconjugate expedites wound healing in diabetic rats. <i>Drug Delivery</i> , 2022 , 29, 1776-1784	7	0
156	2-Methoxy-estradiol Loaded Alpha Lipoic Acid Nanoparticles Augment Cytotoxicity in MCF-7 Breast Cancer Cells.. <i>Dose-Response</i> , 2021 , 19, 15593258211055023	2.3	0
155	Recent Progress of RGD Modified Liposomes as Multistage Rocket Against Cancer.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 803304	5.6	6
154	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,	4.2	3
153	Development, Optimization, and Evaluation of Luliconazole Nanoemulgel for the Treatment of Fungal Infection. <i>Journal of Chemistry</i> , 2021 , 2021, 1-13	2.3	1
152	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2021 , 195, 114849	6	3
151	Melittin and diclofenac synergistically promote wound healing in a pathway involving TGF- β . <i>Pharmacological Research</i> , 2021 , 175, 105993	10.2	3
150	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
149	Ambroxol Hydrochloride Loaded Gastro-Retentive Nanosuspension Gels Potentiate Anticancer Activity in Lung Cancer (A549) Cells.. <i>Gels</i> , 2021 , 7,	4.2	4
148	Phytochemical-Based Nano-Pharmacotherapeutics for Management of Burn Wound Healing. <i>Gels</i> , 2021 , 7,	4.2	2
147	Recent Advances in Pharmaceutical Cocrystals: From Bench to Market. <i>Frontiers in Pharmacology</i> , 2021 , 12, 780582	5.6	7
146	Neoadjuvant Therapy Using Checkpoint Inhibitors before Radical Cystectomy for Muscle Invasive Bladder Cancer: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
145	Accentuating CircRNA-miRNA-Transcription Factors Axis: A Conundrum in Cancer Research.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 784801	5.6	4
144	Impact of Protein Corona on the Biological Identity of Nanomedicine: Understanding the Fate of Nanomaterials in the Biological Milieu. <i>Biomedicines</i> , 2021 , 9,	4.8	4
143	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021 , 10,	4.9	3

142	Development and Evaluation of Icariin-Loaded PLGA-PEG Nanoparticles for Potentiation the Proapoptotic Activity in Pancreatic Cancer Cells. <i>AAPS PharmSciTech</i> , 2021 , 22, 252	3.9	3
141	Development of Multi-Compartment 3D-Printed Tablets Loaded with Self-Nanoemulsified Formulations of Various Drugs: A New Strategy for Personalized Medicine. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
140	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
139	Preparation and characterization of a thioctic acid nanostructured lipid carrier to enhance the absorption profile and limit the nephrotoxicity associated with allopurinol in the treatment of gout. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102859	4.5	0
138	Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
137	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
136	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 269-279	4.4	7
135	Development and In Vitro Evaluation of 2-Methoxyestradiol Loaded Polymeric Micelles for Enhancing Anticancer Activities in Prostate Cancer. <i>Polymers</i> , 2021 , 13,	4.5	11
134	Optimization of Thymoquinone-Loaded Self-Nanoemulsion for Management of Indomethacin-Induced Ulcer. <i>Dose-Response</i> , 2021 , 19, 15593258211013655	2.3	1
133	Piceatannol-Loaded Bilosome-Stabilized Zein Protein Exhibits Enhanced Cytostatic and Apoptotic Activities in Lung Cancer Cells. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
132	Remote Sensing and Remote Actuation via Silicone-Magnetic Nanorod Composites. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001099	6.8	1
131	Formulation and evaluation of injectable dextran sulfate sodium nanoparticles as a potent antibacterial agent. <i>Scientific Reports</i> , 2021 , 11, 9914	4.9	6
130	Brucine-loaded transliposomes nanogel for topical delivery in skin cancer: statistical optimization, in vitro and dermatokinetic evaluation. <i>3 Biotech</i> , 2021 , 11, 288	2.8	4
129	Lipidic Nano-Sized Emulsomes Potentiates the Cytotoxic and Apoptotic Effects of Raloxifene Hydrochloride in MCF-7 Human Breast Cancer Cells: Factorial Analysis and In Vitro Anti-Tumor Activity Assessment. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8
128	Optimized semisolid self-nanoemulsifying system based on glyceryl behenate: A potential nanoplatform for enhancing antitumor activity of raloxifene hydrochloride in MCF-7 human breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120493	6.5	9
127	Brominated Flame Retardants in Children's Room: Concentration, Composition, and Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
126	Wound Healing Activity of Fixed Oil Formulated in a Self-Nanoemulsifying Formulation. <i>International Journal of Nanomedicine</i> , 2021 , 16, 3889-3905	7.3	4
125	Scaffold Hopping of Rubromycin Enables Direct Access to FDA-Approved Cromoglicic Acid as a SARS-CoV-2 M Inhibitor. <i>Pharmaceutics</i> , 2021 , 14,	5.2	6

124	Fluvastatin-Loaded Emulsomes Exhibit Improved Cytotoxic and Apoptosis in Prostate Cancer Cells. <i>AAPS PharmSciTech</i> , 2021 , 22, 177	3.9	1
123	Development and Optimization of Luliconazole Spanlastics to Augment the Antifungal Activity against. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
122	Development, Optimization and Evaluation of 2-Methoxy-Estradiol Loaded Nanocarrier for Prostate Cancer. <i>Frontiers in Pharmacology</i> , 2021 , 12, 682337	5.6	4
121	The emerging role of immune checkpoint inhibitors in the treatment of triple-negative breast cancer. <i>Drug Discovery Today</i> , 2021 , 26, 1721-1727	8.8	24
120	Development and Optimization of Cinnamon Oil Nanoemulgel for Enhancement of Solubility and Evaluation of Antibacterial, Antifungal and Analgesic Effects against Oral Microbiota. <i>Pharmaceutics</i> , 2021 , 13,	6.4	7
119	Impact of Polysorbate 80 Grade on the Interfacial Properties and Interfacial Stress Induced Subvisible Particle Formation in Monoclonal Antibodies. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 746-759	3.9	2
118	Arsenic and lead in the indoor residential settings of different socio-economic status; assessment of human health risk via dust exposure. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 13288-13299	5.1	4
117	The relevance of nanotechnology, hepato-protective agents in reducing the toxicity and augmenting the bioavailability of isotretinoin. <i>Drug Delivery</i> , 2021 , 28, 123-133	7	1
116	Oral gel loaded with penciclovir-lavender oil nanoemulsion to enhance bioavailability and alleviate pain associated with herpes labialis. <i>Drug Delivery</i> , 2021 , 28, 1043-1054	7	3
115	The Antifungal and Ocular Permeation of Ketoconazole from Ophthalmic Formulations Containing Trans-Ethosomes Nanoparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
114	Development of omega-3 loxoprofen-loaded nanoemulsion to limit the side effect associated with NSAIDs in treatment of tooth pain. <i>Drug Delivery</i> , 2021 , 28, 741-751	7	9
113	Optimized Self-Nanoemulsifying Delivery System Based on Plant-Derived Oil Augments Alpha-Lipoic Acid Protective Effects Against Experimentally Induced Gastric Lesions. <i>Dose-Response</i> , 2021 , 19, 15593258211001259	2.3	1
112	Development, optimization and characterization of nanoemulsion loaded with clove oil-naftifine antifungal for the management of tinea. <i>Drug Delivery</i> , 2021 , 28, 343-356	7	7
111	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceutics</i> , 2021 , 14,	5.2	2
110	Antibiotic-Loaded Psyllium Husk Hemicellulose and Gelatin-Based Polymeric Films for Wound Dressing Application. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
109	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2: Antiviral Screening and Molecular Docking Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
108	Exposure to Phthalate and Organophosphate Esters via Indoor Dust and PM10 Is a Cause of Concern for the Exposed Saudi Population. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
107	Plumbagin-Loaded Glycosome Gel as Topical Delivery System for Skin Cancer Therapy. <i>Polymers</i> , 2021 , 13,	4.5	5

106	Attitudes toward the SARS-CoV-2 Vaccine: Results from the Saudi Residents' Intention to Get Vaccinated against COVID-19 (SRIGVAC) Study. <i>Vaccines</i> , 2021 , 9,	5.3	7
105	The era of gene therapy: From preclinical development to clinical application. <i>Drug Discovery Today</i> , 2021 , 26, 1602-1619	8.8	6
104	Apamin-Conjugated Alendronate Sodium Nanocomplex for Management of Pancreatic Cancer. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
103	Formulation Development, Statistical Optimization, In Vitro and In Vivo Evaluation of Etoricoxib-Loaded Eucalyptus Oil-Based Nanoemulgel for Topical Delivery. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7294	2.6	2
102	Formulation, Optimization, and Evaluation of Oregano Oil Nanoemulsions for the Treatment of Infections Due to Oral Microbiota. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5465-5478	7.3	6
101	Coconut oil-based resveratrol nanoemulsion: Optimization using response surface methodology, stability assessment and pharmacokinetic evaluation. <i>Food Chemistry</i> , 2021 , 357, 129721	8.5	11
100	Molecular docking studies of HIV TAT and sitagliptin nano-formula as potential therapeutic targeting SARS-CoV2 protease. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100119		
99	Preparation, characterization, dissolution, and permeation of flibanserin - 2-HP- β -cyclodextrin inclusion complexes. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 963-975	4.4	1
98	QbD Enabled Azacitidine Loaded Liposomal Nanoformulation and Its In Vitro Evaluation. <i>Polymers</i> , 2021 , 13,	4.5	11
97	Oncological Response and Predictive Biomarkers for the Checkpoint Inhibitors in Castration-Resistant Metastatic Prostate Cancer: A Systematic Review and Meta-Analysis.. <i>Journal of Personalized Medicine</i> , 2021 , 12,	3.6	1
96	Polymeric Nanoparticles: Exploring the Current Drug Development and Therapeutic Insight of Breast Cancer Treatment and Recommendations.. <i>Polymers</i> , 2021 , 13,	4.5	4
95	Deep Ensemble Model for COVID-19 Diagnosis and Classification Using Chest CT Images.. <i>Biology</i> , 2021 , 11,	4.9	4
94	Scorpion Venom-Functionalized Quercetin Phytosomes for Breast Cancer Management: In Vitro Response Surface Optimization and Anticancer Activity against MCF-7 Cells.. <i>Polymers</i> , 2021 , 14,	4.5	3
93	Single-Port versus Multiple-Port Robot-Assisted Radical Prostatectomy: A Systematic Review and Meta-Analysis.. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
92	Tailoring Midazolam-Loaded Chitosan Nanoparticulate Formulation for Enhanced Brain Delivery via Intranasal Route. <i>Polymers</i> , 2020 , 12,	4.5	3
91	Liquid Crystalline Nanoparticles for Nasal Delivery of Rosuvastatin: Implications on Therapeutic Efficacy in Management of Epilepsy. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	6
90	Piceatannol-Loaded Emulsomes Exhibit Enhanced Cytostatic and Apoptotic Activities in Colon Cancer Cells. <i>Antioxidants</i> , 2020 , 9,	7.1	13
89	Optimization of Thymoquinone-Loaded Coconut Oil Nanostructured Lipid Carriers for the Management of Ethanol-Induced Ulcer. <i>AAPS PharmSciTech</i> , 2020 , 21, 137	3.9	4

88	Optimized Conjugation of Fluvastatin to HIV-1 TAT Displays Enhanced Pro-Apoptotic Activity in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
87	Intranasal Niosomal Gel as a Promising Approach for Enhancing Flibanserin Bioavailability and Brain Delivery: In Vitro Optimization and / Evaluation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
86	Formulation of Chitosan Polymeric Vesicles of Ciprofloxacin for Ocular Delivery: Box-Behnken Optimization, In Vitro Characterization, HET-CAM Irritation, and Antimicrobial Assessment. <i>AAPS PharmSciTech</i> , 2020 , 21, 167	3.9	18
85	Development of lipid membrane based assays to accurately predict the transfection efficiency of cell-penetrating peptide-based gene nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020 , 580, 119221	6.5	6
84	Anti-tumor effect of PEG-coated PLGA nanoparticles of febuxostat on A549 non-small cell lung cancer cells. <i>3 Biotech</i> , 2020 , 10, 133	2.8	18
83	An Efficient Greener Approach for -Acylation of Amines in Water Using Benzotriazole Chemistry. <i>Molecules</i> , 2020 , 25,	4.8	2
82	The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
81	Application of Nanopharmaceutics for Flibanserin Brain Delivery Augmentation Via the Nasal Route. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
80	Nose to brain delivery of rotigotine loaded chitosan nanoparticles in human SH-SY5Y neuroblastoma cells and animal model of Parkinson's disease. <i>International Journal of Pharmaceutics</i> , 2020 , 579, 119148	6.5	56
79	Omega-3 Self-Nanoemulsion Role in Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
78	Preparation and Characterization of Chitosan Coated PLGA Nanoparticles of Resveratrol: Improved Stability, Antioxidant and Apoptotic Activities in H1299 Lung Cancer Cells. <i>Coatings</i> , 2020 , 10, 439	2.9	21
77	Design, synthesis and anticancer activity of novel valproic acid conjugates with improved histone deacetylase (HDAC) inhibitory activity. <i>Bioorganic Chemistry</i> , 2020 , 99, 103797	5.1	11
76	Physically Optimized Nano-Lipid Carriers Augment Raloxifene and Vitamin D Oral Bioavailability in Healthy Humans for Management of Osteoporosis. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2145-2155	3.9	9
75	Optimized Icaritin Phytosomes Exhibit Enhanced Cytotoxicity and Apoptosis-Inducing Activities in Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	35
74	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020 , 18,	6	16
73	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl)/1-naphthyl)methylene)-3-substituted imidazolidin-2,4-dione as HIV-1 fusion inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 99, 103782	5.1	15
72	Two-Step Optimization to Develop a Transdermal Film Loaded With Dapoxetine Nanoparticles: A Promising Technique to Improve Drug Skin Permeation. <i>Dose-Response</i> , 2020 , 18, 1559325820923859	2.3	6
71	Current Status and Challenges in Rotigotine Delivery. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2222-2233	3.3	3

70	Synthesis of New Cyanopyridine Scaffolds and their Biological Activities. <i>Current Organic Synthesis</i> , 2020 , 17, 567-575	1.9	4
69	Exploring the Potential of Carbon Dots to Combat COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 616575	5.6	17
68	Optimized Icariin Cubosomes Exhibit Augmented Cytotoxicity against SKOV-3 Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 13,	6.4	7
67	Nasal Gel Loaded with Amphotericin Nanotransferosomes as Antifungal Treatment for Fungal Sinusitis. <i>Pharmaceutics</i> , 2020 , 13,	6.4	2
66	Self-Nanoemulsion Loaded with a Combination of Isotretinoin, an Anti-Acne Drug, and Quercetin: Preparation, Optimization, and In Vivo Assessment. <i>Pharmaceutics</i> , 2020 , 13,	6.4	4
65	Trace metals in different socioeconomic indoor residential settings, implications for human health via dust exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 189, 109927	7	9
64	Development of an optimized febuxostat self-nanoemulsified loaded transdermal film: and evaluation. <i>Pharmaceutical Development and Technology</i> , 2020 , 25, 326-331	3.4	5
63	Improved Transmucosal Delivery of Glimepiride via Unidirectional Release Buccal Film Loaded With Vitamin E TPGS-Based Nanocarrier. <i>Dose-Response</i> , 2020 , 18, 1559325820945164	2.3	4
62	Promising Antibiofilm Agents: Recent Breakthrough against Biofilm Producing Methicillin-Resistant. <i>Antibiotics</i> , 2020 , 9,	4.9	31
61	Design and synthesis of novel pyrazolo[3,4-d]pyrimidin-4-one bearing quinoline scaffold as potent dual PDE5 inhibitors and apoptotic inducers for cancer therapy. <i>Bioorganic Chemistry</i> , 2020 , 105, 104352 ^{5.1}		2
60	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	2.9	6
59	Stimulus Responsive Ocular Gentamycin-Ferrying Chitosan Nanoparticles Hydrogel: Formulation Optimization, Ocular Safety and Antibacterial Assessment. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4717-4737	7.3	20
58	Chitosan-Based Microparticles Enhance Ellagic Acid's Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	17
57	Development of Polymer and Surfactant Based Naringenin Nanosuspension for Improvement of Stability, Antioxidant, and Antitumour Activity. <i>Journal of Chemistry</i> , 2020 , 2020, 1-10	2.3	3
56	Formulation Design, Statistical Optimization, and In Vitro Evaluation of a Naringenin Nanoemulsion to Enhance Apoptotic Activity in A549 Lung Cancer Cells. <i>Pharmaceutics</i> , 2020 , 13,	5.2	34
55	Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	2
54	In Vitro Antimycobacterial Activity and Physicochemical Characterization of Diaryl Ether Triclosan Analogues as Potential InhA Reductase Inhibitors. <i>Molecules</i> , 2020 , 25,	4.8	2
53	Effect of DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020 , 9,	4.5	2

52	Formulation and Development of Transferrin Targeted Solid Lipid Nanoparticles for Breast Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 614290	5.6	20
51	Self-Nanoemulsifying System Loaded with Sildenafil Citrate and Incorporated within Oral Lyophilized Flash Tablets: Preparation, Optimization, and In Vivo Evaluation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8
50	Combating the Pandemic COVID-19: Clinical Trials, Therapies and Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 606393	5.6	17
49	Coconut Oil Nanoemulsion Loaded with a Statin Hypolipidemic Drug for Management of Burns: Formulation and In Vivo Evaluation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	16
48	Formulation of amorphous ternary solid dispersions of dapagliflozin using PEG 6000 and Poloxamer 188: solid-state characterization, study, and molecular simulation assessment. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 1458-1467	3.6	2
47	The Encapsulation of Febuxostat into Emulsomes Strongly Enhances the Cytotoxic Potential of the Drug on HCT 116 Colon Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
46	Viscoelastic Properties of ECM-Rich Embryonic Microenvironments. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 674	5.7	1
45	Thymoquinone-Loaded Soy-Phospholipid-Based Phytosomes Exhibit Anticancer Potential against Human Lung Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
44	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in. <i>Microorganisms</i> , 2020 , 8,	4.9	24
43	Optimized Nanostructured Lipid Carriers Integrated into In Situ Nasal Gel for Enhancing Brain Delivery of Flibanserin. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5253-5264	7.3	10
42	Fusaroxazin, a novel cytotoxic and antimicrobial xanthone derivative from. <i>Natural Product Research</i> , 2020 , 1-9	2.3	3
41	Development and Evaluation of Polymeric Nanosponge Hydrogel for Terbinafine Hydrochloride: Statistical Optimization, In Vitro and In Vivo Studies. <i>Polymers</i> , 2020 , 12,	4.5	3
40	Role of therapeutic agents on repolarisation of tumour-associated macrophage to halt lung cancer progression. <i>Journal of Drug Targeting</i> , 2020 , 28, 166-175	5.4	7
39	Pumpkin Oil-Based Nanostructured Lipid Carrier System for Antiulcer Effect in NSAID-Induced Gastric Ulcer Model in Rats. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2529-2539	7.3	4
38	Improved Analgesic and Anti-Inflammatory Effect of Diclofenac Sodium by Topical Nanoemulgel: Formulation Development In Vitro and In Vivo Studies. <i>Journal of Chemistry</i> , 2020 , 2020, 1-10	2.3	13
37	Cytotoxic and Pro-Apoptotic Effects of a Sub-Toxic Concentration of Fluvastatin on OVCAR3 Ovarian Cancer Cells After its Optimized Formulation to Melittin Nano-Conjugates. <i>Frontiers in Pharmacology</i> , 2020 , 11, 642171	5.6	9
36	Formulation development and evaluation of rotigotine mucoadhesive nanoemulsion for intranasal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101301	4.5	23
35	Nano-vesicular delivery system loaded by Bifonazole: Preparation, optimization, and assessment of pharmacokinetic and antifungal activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 49, 316-322	4.5	11

34	Novel machine learning application for prediction of membrane insertion potential of cell-penetrating peptides. <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118453	6.5	10
33	Glatiramer Acetate (Copaxone) is a Promising Gene Delivery Vector. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1596-1605	5.6	9
32	Neuroprotective and Antioxidant Effect of Naringenin-Loaded Nanoparticles for Nose-to-Brain Delivery. <i>Brain Sciences</i> , 2019 , 9,	3.4	23
31	Augmentation of Alendronate Cytotoxicity Against Breast Cancer Cells by Complexation with Trans-activating Regulatory Protein. <i>International Journal of Pharmacology</i> , 2019 , 15, 731-737	0.7	3
30	Ellagic Acid Loaded TPGS Micelles for Enhanced Anticancer Activities in Ovarian Cancer. <i>International Journal of Pharmacology</i> , 2019 , 16, 63-71	0.7	6
29	Repurposing Itraconazole Loaded PLGA Nanoparticles for Improved Antitumor Efficacy in Non-Small Cell Lung Cancers. <i>Pharmaceutics</i> , 2019 , 11,	6.4	27
28	Encapsulation of Lovastatin in Zein Nanoparticles Exhibits Enhanced Apoptotic Activity in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
27	Vitamin E TPGS based transferosomes augmented TAT as a promising delivery system for improved transdermal delivery of raloxifene. <i>PLoS ONE</i> , 2019 , 14, e0226639	3.7	5
26	Attenuation of Benign Prostatic Hyperplasia by Optimized Tadalafil Loaded Pumpkin Seed Oil-Based Self Nanoemulsion: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
25	Optimization of the Factors Affecting the Absorption of Vardenafil from Oral Disintegrating Tablets: A Clinical Pharmacokinetic Investigation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	9
24	Fabrication, Optimization, and Evaluation of Rotigotine-Loaded Chitosan Nanoparticles for Nose-To-Brain Delivery. <i>Pharmaceutics</i> , 2019 , 11,	6.4	60
23	Optimization of the Conditions for Plasmid DNA Delivery and Transfection with Self-Assembled Hyaluronic Acid-Based Nanoparticles. <i>Molecular Pharmaceutics</i> , 2019 , 16, 128-140	5.6	16
22	Non-toxic engineered carbon nanodiamond concentrations induce oxidative/nitrosative stress, imbalance of energy metabolism, and mitochondrial dysfunction in microglial and alveolar basal epithelial cells. <i>Cell Death and Disease</i> , 2018 , 9, 245	9.8	40
21	pH-Induced Changes in the Surface Viscosity of Unsaturated Phospholipids Monitored Using Active Interfacial Microrheology. <i>Langmuir</i> , 2018 , 34, 1159-1170	4	4
20	Calcium enhances gene expression when using low molecular weight poly-l-lysine delivery vehicles. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 274-281	6.5	9
19	Combined Local Pulmonary and Systemic Delivery of AT2R Gene by Modified TAT Peptide Nanoparticles Attenuates Both Murine and Human Lung Carcinoma Xenografts in Mice. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 385-394	3.9	14
18	Charge Type, Charge Spacing, and Hydrophobicity of Arginine-Rich Cell-Penetrating Peptides Dictate Gene Transfection. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1047-57	5.6	28
17	AT2R Gene Delivered by Condensed Polylysine Complexes Attenuates Lewis Lung Carcinoma after Intravenous Injection or Intratracheal Spray. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 209-18	6.1	17

16	Targeted gene silencing of CCL2 inhibits triple negative breast cancer progression by blocking cancer stem cell renewal and M2 macrophage recruitment. <i>Oncotarget</i> , 2016 , 7, 49349-49367	3.3	69
15	Evaluating the Role of the Air-Solution Interface on the Mechanism of Subvisible Particle Formation Caused by Mechanical Agitation for an IgG1 mAb. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1643-1658	3.9	37
14	Physiochemical Properties of Aluminum Adjuvants Elicit Differing Reorganization of Phospholipid Domains in Model Membranes. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1731-7	5.6	6
13	Combined effect of synthetic protein, Mini-B, and cholesterol on a model lung surfactant mixture at the air-water interface. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 904-12	3.8	9
12	Monitoring phases and phase transitions in phosphatidylethanolamine monolayers using active interfacial microrheology. <i>Soft Matter</i> , 2015 , 11, 3313-21	3.6	13
11	Phospholipid composition modulates carbon nanodiamond-induced alterations in phospholipid domain formation. <i>Langmuir</i> , 2015 , 31, 5093-104	4	14
10	Effect of lipid headgroup charge and pH on the stability and membrane insertion potential of calcium condensed gene complexes. <i>Langmuir</i> , 2015 , 31, 4232-45	4	23
9	The CCL2 chemokine is a negative regulator of autophagy and necrosis in luminal B breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2015 , 150, 309-20	4.4	25
8	Characterization of the Secondary Structure of CP30, a Highly Repetitive Ampholytic Protein in Beetle Elytral Cuticle. <i>Macromolecular Symposia</i> , 2015 , 358, 212-216	0.8	
7	Effects of monovalent and multivalent ions on the stability of a polyelectrolyte complex with entrapped surfactants. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	2
6	Dynamic measurements of membrane insertion potential of synthetic cell penetrating peptides. <i>Langmuir</i> , 2013 , 29, 15336-49	4	18
5	Noncovalently associated cell-penetrating peptides for gene delivery applications. <i>Therapeutic Delivery</i> , 2013 , 4, 741-57	3.8	47
4	Polyarginine molecular weight determines transfection efficiency of calcium condensed complexes. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1940-8	5.6	43
3	Lipid-protein interactions alter line tensions and domain size distributions in lung surfactant monolayers. <i>Biophysical Journal</i> , 2012 , 102, 56-65	2.9	37
2	Active interfacial shear microrheology of aging protein films. <i>Physical Review Letters</i> , 2010 , 104, 016001	7.4	76
1	Autonomously Moving Local Nanoprobes in Heterogeneous Magnetic Fields. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3607-3613	3.8	37