

Nabil A Alhakamy

List of Publications by Citations

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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	Active interfacial shear microrheology of aging protein films. <i>Physical Review Letters</i> , 2010 , 104, 016001	7.4	76
176	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
175	Fabrication, Optimization, and Evaluation of Rotigotine-Loaded Chitosan Nanoparticles for Nose-To-Brain Delivery. <i>Pharmaceutics</i> , 2019 , 11,	6.4	60
174	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
173	Noncovalently associated cell-penetrating peptides for gene delivery applications. <i>Therapeutic Delivery</i> , 2013 , 4, 741-57	3.8	47
172	Polyarginine molecular weight determines transfection efficiency of calcium condensed complexes. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1940-8	5.6	43
171	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
170	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
169	Autonomously Moving Local Nanoprobes in Heterogeneous Magnetic Fields. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 3607-3613	3.8	37
168	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
167	Optimized Icaritin Phytosomes Exhibit Enhanced Cytotoxicity and Apoptosis-Inducing Activities in Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	35
166	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
165	Promising Antibiofilm Agents: Recent Breakthrough against Biofilm Producing Methicillin-Resistant. <i>Antibiotics</i> , 2020 , 9,	4.9	31
164	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
163	Repurposing Itraconazole Loaded PLGA Nanoparticles for Improved Antitumor Efficacy in Non-Small Cell Lung Cancers. <i>Pharmaceutics</i> , 2019 , 11,	6.4	27
162	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
161	Repurposing Anti-diabetic Drugs to Cripple Quorum Sensing in. <i>Microorganisms</i> , 2020 , 8,	4.9	24

160	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
159	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
158	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
157	Neuroprotective and Antioxidant Effect of Naringenin-Loaded Nanoparticles for Nose-to-Brain Delivery. <i>Brain Sciences</i> , 2019 , 9,	3.4	23
156	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
155	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
154	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
153	Thymoquinone-Loaded Soy-Phospholipid-Based Phytosomes Exhibit Anticancer Potential against Human Lung Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
152	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
151	Formulation and Development of Transferrin Targeted Solid Lipid Nanoparticles for Breast Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 614290	5.6	20
150	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
149	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
148	Dynamic measurements of membrane insertion potential of synthetic cell penetrating peptides. <i>Langmuir</i> , 2013 , 29, 15336-49	4	18
147	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
146	Exploring the Potential of Carbon Dots to Combat COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 616575	5.6	17
145	Chitosan-Based Microparticles Enhance Ellagic Acid's Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	17
144	Combating the Pandemic COVID-19: Clinical Trials, Therapies and Perspectives. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 606393	5.6	17
143	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020 , 18,	6	16

142	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
141	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
140	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
139	Phospholipid composition modulates carbon nanodiamond-induced alterations in phospholipid domain formation. <i>Langmuir</i> , 2015 , 31, 5093-104	4	14
138	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
137	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
136	Monitoring phases and phase transitions in phosphatidylethanolamine monolayers using active interfacial microrheology. <i>Soft Matter</i> , 2015 , 11, 3313-21	3.6	13
135	Piceatannol-Loaded Emulsomes Exhibit Enhanced Cytostatic and Apoptotic Activities in Colon Cancer Cells. <i>Antioxidants</i> , 2020 , 9,	7.1	13
134	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
133	The Antifungal and Ocular Permeation of Ketoconazole from Ophthalmic Formulations Containing Trans-Ethosomes Nanoparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
132	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2: Antiviral Screening and Molecular Docking Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
131	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
130	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
129	Omega-3 Self-Nanoemulsion Role in Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
128	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
127	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
126	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
125	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

124	QbD Enabled Azacitidine Loaded Liposomal Nanoformulation and Its In Vitro Evaluation. <i>Polymers</i> , 2021 , 13,	4.5	11
123	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
122	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
121	Glatiramer Acetate (Copaxone) is a Promising Gene Delivery Vector. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1596-1605	5.6	9
120	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
119	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
118	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
117	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
116	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
115	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
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	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
112	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
111	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
110	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
109	Recent Advances in Pharmaceutical Cocrystals: From Bench to Market. <i>Frontiers in Pharmacology</i> , 2021 , 12, 780582	5.6	7
108	Optimized Icariin Cubosomes Exhibit Augmented Cytotoxicity against SKOV-3 Ovarian Cancer Cells. <i>Pharmaceutics</i> , 2020 , 13,	6.4	7
107	Bioactive Apigenin loaded oral nano bilosomes: Formulation optimization to preclinical assessment. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 269-279	4.4	7

106	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
105	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
104	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
103	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
102	Liquid Crystalline Nanoparticles for Nasal Delivery of Rosuvastatin: Implications on Therapeutic Efficacy in Management of Epilepsy. <i>Pharmaceutics</i> , 2020 , 13,	5.2	6
101	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
100	Recent Progress of RGD Modified Liposomes as Multistage Rocket Against Cancer.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 803304	5.6	6
99	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
98	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
97	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
96	Formulation and evaluation of injectable dextran sulfate sodium nanoparticles as a potent antibacterial agent. <i>Scientific Reports</i> , 2021 , 11, 9914	4.9	6
95	Scaffold Hopping of Ribromycin Enables Direct Access to FDA-Approved Cromoglicic Acid as a SARS-CoV-2 M Inhibitor. <i>Pharmaceutics</i> , 2021 , 14,	5.2	6
94	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
93	The era of gene therapy: From preclinical development to clinical application. <i>Drug Discovery Today</i> , 2021 , 26, 1602-1619	8.8	6
92	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
91	Recent development of aptamer conjugated chitosan nanoparticles as cancer therapeutics.. <i>International Journal of Pharmaceutics</i> , 2022 , 121751	6.5	6
90	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
89	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

88	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
87	Plumbagin-Loaded Glycerosome Gel as Topical Delivery System for Skin Cancer Therapy. <i>Polymers</i> , 2021 , 13,	4.5	5
86	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
85	pH-Induced Changes in the Surface Viscosity of Unsaturated Phospholipids Monitored Using Active Interfacial Microrheology. <i>Langmuir</i> , 2018 , 34, 1159-1170	4	4
84	DNA Methylation: A Promising Approach in Management of Alzheimer's Disease and Other Neurodegenerative Disorders.. <i>Biology</i> , 2022 , 11,	4.9	4
83	Ambroxol Hydrochloride Loaded Gastro-Retentive Nanosuspension Gels Potentiate Anticancer Activity in Lung Cancer (A549) Cells.. <i>Gels</i> , 2021 , 7,	4.2	4
82	Accentuating CircRNA-miRNA-Transcription Factors Axis: A Conundrum in Cancer Research.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 784801	5.6	4
81	Synthesis of New Cyanopyridine Scaffolds and their Biological Activities. <i>Current Organic Synthesis</i> , 2020 , 17, 567-575	1.9	4
80	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
79	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
78	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
77	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
76	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
75	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
74	Piceatannol-Loaded Bilosome-Stabilized Zein Protein Exhibits Enhanced Cytostatic and Apoptotic Activities in Lung Cancer Cells. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
73	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
72	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
71	Development, Optimization and Evaluation of 2-Methoxy-Estradiol Loaded Nanocarrier for Prostate Cancer. <i>Frontiers in Pharmacology</i> , 2021 , 12, 682337	5.6	4

70	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
69	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
68	Polymeric Nanoparticles: Exploring the Current Drug Development and Therapeutic Insight of Breast Cancer Treatment and Recommendations.. <i>Polymers</i> , 2021 , 13,	4.5	4
67	Deep Ensemble Model for COVID-19 Diagnosis and Classification Using Chest CT Images.. <i>Biology</i> , 2021 , 11,	4.9	4
66	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
65	Tailoring Midazolam-Loaded Chitosan Nanoparticulate Formulation for Enhanced Brain Delivery via Intranasal Route. <i>Polymers</i> , 2020 , 12,	4.5	3
64	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
63	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
62	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
61	Melittin and diclofenac synergistically promote wound healing in a pathway involving TGF- β . <i>Pharmacological Research</i> , 2021 , 175, 105993	10.2	3
60	Current Status and Challenges in Rotigotine Delivery. <i>Current Pharmaceutical Design</i> , 2020 , 26, 2222-2232	3	3
59	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
58	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021 , 10,	4.9	3
57	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
56	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
55	Fusaroxazin, a novel cytotoxic and antimicrobial xanthone derivative from. <i>Natural Product Research</i> , 2020 , 1-9	2.3	3
54	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
53	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

52	Apamin-Conjugated Alendronate Sodium Nanocomplex for Management of Pancreatic Cancer. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
51	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
50	An Efficient Greener Approach for -Acylation of Amines in Water Using Benzotriazole Chemistry. <i>Molecules</i> , 2020 , 25,	4.8	2
49	Application of Nanopharmaceuticals for Flibanserin Brain Delivery Augmentation Via the Nasal Route. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
48	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
47	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges.. <i>Pharmaceuticals</i> , 2021 , 13,	6.4	2
46	Phytochemical-Based Nano-Pharmacotherapeutics for Management of Burn Wound Healing. <i>Gels</i> , 2021 , 7,	4.2	2
45	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
44	Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
43	Nasal Gel Loaded with Amphotericin Nanotransferosomes as Antifungal Treatment for Fungal Sinusitis. <i>Pharmaceuticals</i> , 2020 , 13,	6.4	2
42	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}	5.1	2
41	Optimized Ellagic Acid-Ca Pectinate Floating Beads for Gastroprotection against Indomethacin-Induced Gastric Injury in Rats. <i>Biomolecules</i> , 2020 , 10,	5.9	2
40	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
39	Effect of DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020 , 9,	4.5	2
38	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
37	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
36	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
35	Antibiotic-Loaded Psyllium Husk Hemicellulose and Gelatin-Based Polymeric Films for Wound Dressing Application. <i>Pharmaceuticals</i> , 2021 , 13,	6.4	2

34	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
33	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
32	New Alpha-Amylase Inhibitory Metabolites from Pericarps of .. <i>Life</i> , 2022 , 12,	3	2
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