

Mohammad A Altamimi

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.

60
papers

628
citations

16
h-index

21
g-index

62
ext. papers

937
ext. citations

4.2
avg, IF

4.76
L-index

#	Paper	IF	Citations
60	A voyage from 3D to 4D printing in nanomedicine and healthcare: part II.. <i>Nanomedicine</i> , 2022 ,	5.6	1
59	Preferential Solvation Study of the Synthesized Aldose Reductase Inhibitor (SE415) in the {PEG 400 (1) + Water (2)} Cosolvent Mixture and GastroPlus-Based Prediction.. <i>ACS Omega</i> , 2022 , 7, 1197-1210	3.9	2
58	Green nanoemulsion (water/ethanol/triton X100/capmul MCM C8) to remove ciprofloxacin from a bulk aqueous solution. <i>Journal of Molecular Liquids</i> , 2022 , 345, 117863	6	
57	Formulation and Evaluation of Luteolin-Loaded Nanovesicles: Physicochemical Characterization and Viability Assessment.. <i>ACS Omega</i> , 2022 , 7, 1048-1056	3.9	1
56	Four-Dimensional Printing for Hydrogel: Theoretical Concept, 4D Materials, Shape-Morphing Way, and Future Perspectives. <i>Polymers</i> , 2021 , 13,	4.5	2
55	Functionality of Films from Nigella sativa Defatted Seed Cake Proteins Plasticized with Grape Juice: Use in Wrapping Sweet Cherries. <i>Coatings</i> , 2021 , 11, 1383	2.9	0
54	Luteolin-Loaded Elastic Liposomes for Transdermal Delivery to Control Breast Cancer: In Vitro and Ex Vivo Evaluations. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	7
53	Novel high throughput green UPLC-MS/MS methods for determination of desmopressin with special sample handling. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100211		
52	Experimental Solubility, Thermodynamic/Computational Validations, and GastroPlus-Based In Silico Prediction for Subcutaneous Delivery of Rifampicin. <i>AAPS PharmSciTech</i> , 2021 , 22, 116	3.9	4
51	Liposomal drug delivery of Corchorus olitorius leaf extract containing phytol using design of experiment (DoE): In-vitro anticancer and in-vivo anti-inflammatory studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 199, 111543	6	2
50	In vitro, ex vivo, and in vivo studies of binary ethosomes for transdermal delivery of acyclovir: A comparative assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 62, 102390	4.5	5
49	Solubilization and thermodynamic properties of simvastatin in various micellar solutions of different non-ionic surfactants: Computational modeling and solubilization capacity. <i>PLoS ONE</i> , 2021 , 16, e0249485	3.7	4
48	Knowledge, Attitudes and Practices Related to Dietary Supplements among a Group of Palestinian Pharmacists. <i>Sultan Qaboos University Medical Journal</i> , 2021 , 21, 613-620	0.9	0
47	Assessment of solubility and Hansen solubility parameters of rifampicin in various permeation enhancers: Experimental and computational approach. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115432	6	5
46	Toxicological interaction between tobacco smoke toxicants cadmium and nicotine: An in-vitro investigation. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 4201-4209	4	3
45	Formulation of Piperine-Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. <i>Molecules</i> , 2021 , 26,	4.8	10
44	Formulation of Gelucire [®] -Based Solid Dispersions of Atorvastatin Calcium: In Vitro Dissolution and In Vivo Bioavailability Study. <i>AAPS PharmSciTech</i> , 2021 , 22, 161	3.9	1

43	Experimental Solubility of Ketoconazole, Validation Models, and In vivo Prediction in Human Based on GastroPlus. <i>AAPS PharmSciTech</i> , 2021 , 22, 194	3.9	2
42	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. <i>Processes</i> , 2021 , 9, 1210	2.9	3
41	Experimental Design Based Optimization and Ex Vivo Permeation of Desmopressin Acetate Loaded Elastic Liposomes Using Rat Skin. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
40	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. <i>Pharmaceutics</i> , 2021 , 13,	6.4	8
39	Vesicular elastic liposomes for transdermal delivery of rifampicin: In-vitro, in-vivo and in silico GastroPlus prediction studies. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 151, 105411	5.1	15
38	Effect of Tree Nuts Consumption on Serum Lipid Profile in Hyperlipidemic Individuals: A Systematic Review. <i>Nutrition and Metabolic Insights</i> , 2020 , 13, 1178638820926521	1.9	8
37	Novel Approach for Transdermal Delivery of Rifampicin to Induce Synergistic Antimycobacterial Effects Against Cutaneous and Systemic Tuberculosis Using a Cationic Nanoemulsion Gel. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1073-1094	7.3	27
36	Liposomal drug delivery of Aphanamixis polystachya leaf extracts and its neurobehavioral activity in mice model. <i>Scientific Reports</i> , 2020 , 10, 6938	4.9	12
35	Stimulatory Effects of Soluplus on Flufenamic Acid Cyclodextrin Supramolecular Complex: Physicochemical Characterization and Pre-clinical Anti-inflammatory Assessment. <i>AAPS PharmSciTech</i> , 2020 , 21, 145	3.9	10
34	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. <i>Current Drug Delivery</i> , 2020 , 17, 845-860	3.2	18
33	Flufenamic Acid-Loaded Self-Nanoemulsifying Drug Delivery System for Oral Delivery: From Formulation Statistical Optimization to Preclinical Anti-Inflammatory Assessment. <i>Journal of Oleo Science</i> , 2020 , 69, 1257-1271	1.6	4
32	Host-guest complex of Cyclodextrin and pluronic F127 with Luteolin: Physicochemical characterization, anti-oxidant activity and molecular modeling studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101356	4.5	16
31	Cigarette waste: Assessment of hazard to the environment and health in Riyadh city. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 1380-1383	4	20
30	Solubility determination and three dimensional Hansen solubility parameters of gefitinib in different organic solvents: Experimental and computational approaches. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112211	6	47
29	Potential of solid dispersions to enhance solubility, bioavailability, and therapeutic efficacy of poorly water-soluble drugs: newer formulation techniques, current marketed scenario and patents. <i>Drug Delivery</i> , 2020 , 27, 1625-1643	7	18
28	Development and Optimization of Epigallocatechin-3-Gallate (EGCG) Nano Phytosome Using Design of Experiment (DoE) and Their In Vivo Anti-Inflammatory Studies. <i>Molecules</i> , 2020 , 25,	4.8	2
27	Untargeted GC-MS investigation of serum metabolomics of coronary artery disease patients. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3727-3734	4	2
26	Formulation of Piperine Ternary Inclusion Complex Using CD and HPMC: Physicochemical Characterization, Molecular Docking, and Antimicrobial Testing. <i>Processes</i> , 2020 , 8, 1450	2.9	8

25	Novel Hemocompatible Imine Compounds as Alternatives for Antimicrobial Therapy in Pharmaceutical Application. <i>Processes</i> , 2020 , 8, 1476	2.9	4
24	Transdermal delivery of isoniazid loaded elastic liposomes to control cutaneous and systemic tuberculosis. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 59, 101848	4.5	5
23	Morphological transition of M. tuberculosis and modulation of intestinal permeation by food grade cationic nanoemulsion: In vitro-ex vivo-in silico GastroPlus studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101971	4.5	3
22	Formulation and Evaluation of Supramolecular Food-Grade Piperine HP β CD and TPGS Complex: Dissolution, Physicochemical Characterization, Molecular Docking, In Vitro Antioxidant Activity, and Antimicrobial Assessment. <i>Molecules</i> , 2020 , 25,	4.8	9
21	Enhancing Oral Bioavailability of Apigenin Using a Bioactive Self-Nanoemulsifying Drug Delivery System (Bio-SNEDDS): In Vitro, In Vivo and Stability Evaluations. <i>Pharmaceutics</i> , 2020 , 12,	6.4	20
20	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , 2020 , 5, 6461-6471	3.9	31
19	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1073-1078	3.6	18
18	Antifungal efficacy of Itraconazole loaded PLGA-nanoparticles stabilized by vitamin-E TPGS: In vitro and ex vivo studies. <i>Journal of Microbiological Methods</i> , 2019 , 161, 87-95	2.8	22
17	Evaluation of the bioavailability of hydrocortisone when prepared as solid dispersion. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 629-636	4.4	15
16	UHPLC assisted simultaneous separation of apigenin and prednisolone and its application in the pharmacokinetics of apigenin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1117, 58-65	3.2	2
15	Rat palatability, pharmacodynamics effect and bioavailability of mefenamic acid formulations utilizing hot-melt extrusion technology. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1610-1616	3.6	5
14	Enhanced Skin Permeation of Hydrocortisone Using Nanoemulsion as Potential Vehicle. <i>ChemistrySelect</i> , 2019 , 4, 10084-10091	1.8	11
13	dissolution and bioavailability study of furosemide nanosuspension prepared using design of experiment (DoE). <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 96-105	4.4	16
12	Dissolution and bioavailability improvement of bioactive apigenin using solid dispersions prepared by different techniques. <i>Saudi Pharmaceutical Journal</i> , 2019 , 27, 264-273	4.4	28
11	Effect of whole-grain plant-based diet on the diabetes mellitus type 2 features in newly diagnosed patients: a pilot study. <i>International Journal of Diabetes in Developing Countries</i> , 2019 , 39, 535-546	0.8	0
10	Solubility determination and thermodynamic data of apigenin in binary {Transcutol + water} mixtures. <i>Industrial Crops and Products</i> , 2018 , 116, 56-63	5.9	13
9	Utilizing spray drying technique to improve oral bioavailability of apigenin. <i>Advanced Powder Technology</i> , 2018 , 29, 1676-1684	4.6	16
8	Solubility, thermodynamic properties and solute-solvent molecular interactions of luteolin in various pure solvents. <i>Journal of Molecular Liquids</i> , 2018 , 255, 43-50	6	29

7	A study to identify the contribution of Soluplus [®] component homopolymers to the solubilization of nifedipine and sulfamethoxazole using the melting point depression method. <i>Powder Technology</i> , 2018 , 338, 576-585	5.2	7
6	Effect of β -cyclodextrin and different surfactants on solubility, stability, and permeability of hydrochlorothiazide. <i>Journal of Molecular Liquids</i> , 2018 , 250, 323-328	6	7
5	Could Autism Be Associated With Nutritional Status in the Palestinian population? The Outcomes of the Palestinian Micronutrient Survey. <i>Nutrition and Metabolic Insights</i> , 2018 , 11, 1178638818773078	1.9	4
4	Solubility and thermodynamic parameters of apigenin in different neat solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 234, 73-80	6	24
3	Investigation of the in vitro performance difference of drug-Soluplus [®] and drug-PEG 6000 dispersions when prepared using spray drying or lyophilization. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 419-439	4.4	25
2	Influence of the microwave technology on solid dispersions of mefenamic acid and flufenamic acid. <i>PLoS ONE</i> , 2017 , 12, e0182011	3.7	17
1	Use of the Flory-Huggins theory to predict the solubility of nifedipine and sulfamethoxazole in the triblock, graft copolymer Soluplus. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 446-455	3.6	24