Mohammad A Altamimi

List of Publications by Year
in descending order

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61 papers	1,255 citations	377584 21 h-index	488211 31 g-index
62 all docs	62 docs citations	62 times ranked	1309 citing authors

#	Article	IF	Citations
1	Green nanoemulsion (water/ethanol/triton X100/capmul MCM C8) to remove ciprofloxacin from a bulk aqueous solution. Journal of Molecular Liquids, 2022, 345, 117863.	2.3	1
2	Preferential Solvation Study of the Synthesized Aldose Reductase Inhibitor (SE415) in the {PEG 400 (1) + Water (2)} Cosolvent Mixture and GastroPlus-Based Prediction. ACS Omega, 2022, 7, 1197-1210.	1.6	9
3	A voyage from 3D to 4D printing in nanomedicine and healthcare: part II. Nanomedicine, 2022, 17, 255-270.	1.7	17
4	A voyage from 3D to 4D printing in nanomedicine and healthcare: part I. Nanomedicine, 2022, 17, 237-253.	1.7	4
5	Formulation of Chitosan-Coated Apigenin Bilosomes: In Vitro Characterization, Antimicrobial and Cytotoxicity Assessment. Polymers, 2022, 14, 921.	2.0	14
6	Formulation and Evaluation of Luteolin-Loaded Nanovesicles: In Vitro Physicochemical Characterization and Viability Assessment. ACS Omega, 2022, 7, 1048-1056.	1.6	15
7	Experimental Solubility, Thermodynamic/Computational Validations, and GastroPlus-Based In Silico Prediction for Subcutaneous Delivery of Rifampicin. AAPS PharmSciTech, 2021, 22, 116.	1.5	4
8	Liposomal drug delivery of Corchorus olitorius leaf extract containing phytol using design of experiment (DoE): In-vitro anticancer and in-vivo anti-inflammatory studies. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111543.	2.5	13
9	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
10	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
11	Knowledge, Attitudes and Practices Related to Dietary Supplements among a Group of Palestinian Pharmacists. Sultan Qaboos University Medical Journal, 2021, 21, 613-620.	0.3	5
12	Assessment of solubility and Hansen solubility parameters of rifampicin in various permeation enhancers: Experimental and computational approach. Journal of Molecular Liquids, 2021, 328, 115432.	2.3	16
13	Toxicological interaction between tobacco smoke toxicants cadmium and nicotine: An in-vitro investigation. Saudi Journal of Biological Sciences, 2021, 28, 4201-4209.	1.8	5
14	Formulation of Piperineâ€“Chitosan-Coated Liposomes: Characterization and In Vitro Cytotoxic Evaluation. Molecules, 2021, 26, 3281.	1.7	30
15	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
16	Experimental Solubility of Ketoconazole, Validation Models, and In vivo Prediction in Human Based on GastroPlus. AAPS PharmSciTech, 2021, 22, 194.	1.5	2
17	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. Processes, 2021, 9, 1210.	1.3	17
18	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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19	Development and Evaluations of Transdermally Delivered Luteolin Loaded Cationic Nanoemulsion: In Vitro and Ex Vivo Evaluations. Pharmaceutics, 2021, 13, 1218.	2.0	27
20	Novel high throughput green UPLC-MS/MS methods for determination of desmopressin with special sample handling. Journal of the Indian Chemical Society, 2021, 98, 100211.	1.3	0
21	Four-Dimensional Printing for Hydrogel: Theoretical Concept, 4D Materials, Shape-Morphing Way, and Future Perspectives. Polymers, 2021, 13, 3858.	2.0	13
22	Functionality of Films from Nigella sativa Defatted Seed Cake Proteins Plasticized with Grape Juice: Use in Wrapping Sweet Cherries. Coatings, 2021, 11, 1383.	1.2	4
23	Luteolin-Loaded Elastic Liposomes for Transdermal Delivery to Control Breast Cancer: In Vitro and Ex Vivo Evaluations. Pharmaceuticals, 2021, 14, 1143.	1.7	21
24	Host-guest complex of Î²-cyclodextrin and pluronic F127 with Luteolin: Physicochemical characterization, anti-oxidant activity and molecular modeling studies. Journal of Drug Delivery Science and Technology, 2020, 55, 101356.	1.4	24
25	Cigarette waste: Assessment of hazard to the environment and health in Riyadh city. Saudi Journal of Biological Sciences, 2020, 27, 1380-1383.	1.8	32
26	Solubility determination and three dimensional Hansen solubility parameters of gefitinib in different organic solvents: Experimental and computational approaches. Journal of Molecular Liquids, 2020, 299, 112211.	2.3	82
27	Development and Optimization of Epigallocatechin-3-Gallate (EGCG) Nano Phytosome Using Design of Experiment (DoE) and Their In Vivo Anti-Inflammatory Studies. Molecules, 2020, 25, 5453.	1.7	16
28	Untargeted GCâ€“MS investigation of serum metabolomics of coronary artery disease patients. Saudi Journal of Biological Sciences, 2020, 27, 3727-3734.	1.8	4
29	Formulation of Piperine Ternary Inclusion Complex Using Î² CD and HPMC: Physicochemical Characterization, Molecular Docking, and Antimicrobial Testing. Processes, 2020, 8, 1450.	1.3	23
30	Novel Hemocompatible Imine Compounds as Alternatives for Antimicrobial Therapy in Pharmaceutical Application. Processes, 2020, 8, 1476.	1.3	7
31	Transdermal delivery of isoniazid loaded elastic liposomes to control cutaneous and systemic tuberculosis. Journal of Drug Delivery Science and Technology, 2020, 59, 101848.	1.4	9
32	Morphological transition of M. tuberculosis and modulation of intestinal permeation by food grade cationic nanoemulsion: In vitro-ex vivo-in silico GastroPlusâ„¢ studies. Journal of Drug Delivery Science and Technology, 2020, 60, 101971.	1.4	5
33	Formulation and Evaluation of Supramolecular Food-Grade Piperine HP Î² CD and TPGS Complex: Dissolution, Physicochemical Characterization, Molecular Docking, In Vitro Antioxidant Activity, and Antimicrobial Assessment. Molecules, 2020, 25, 4716.	1.7	22
34	Enhancing Oral Bioavailability of Apigenin Using a Bioactive Self-Nanoemulsifying Drug Delivery System (Bio-SNEDDS): In Vitro, In Vivo and Stability Evaluations. Pharmaceutics, 2020, 12, 749.	2.0	49
35	Vesicular elastic liposomes for transdermal delivery of rifampicin: In-vitro, in-vivo and in silico GastroPlusâ„¢ prediction studies. European Journal of Pharmaceutical Sciences, 2020, 151, 105411.	1.9	21
36	Effect of Tree Nuts Consumption on Serum Lipid Profile in Hyperlipidemic Individuals: A Systematic Review. Nutrition and Metabolic Insights, 2020, 13, 117863882092652.	0.8	16

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37	Novel Approach for Transdermal Delivery of Rifampicin to Induce Synergistic Antimycobacterial Effects Against Cutaneous and Systemic Tuberculosis Using a Cationic Nanoemulsion Gel . International Journal of Nanomedicine, 2020, Volume 15, 1073-1094.	3.3	43
38	Liposomal drug delivery of Aphanamixis polystachya leaf extracts and its neurobehavioral activity in mice model. Scientific Reports, 2020, 10, 6938.	1.6	25
39	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. ACS Omega, 2020, 5, 6461-6471.	1.6	60
40	Stimulatory Effects of SoluplusÂ® on Flufenamic Acid Î²-Cyclodextrin Supramolecular Complex: Physicochemical Characterization and Pre-clinical Anti-inflammatory Assessment. AAPS PharmSciTech, 2020, 21, 145.	1.5	15
41	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. Current Drug Delivery, 2020, 17, 845-860.	0.8	27
42	Flufenamic Acid-Loaded Self-Nanoemulsifying Drug Delivery System for Oral Delivery: From Formulation Statistical Optimization to Preclinical Anti-Inflammatory Assessment. Journal of Oleo Science, 2020, 69, 1257-1271.	0.6	6
43	Rat palatability, pharmacodynamics effect and bioavailability of mefenamic acid formulations utilizing hot-melt extrusion technology. Drug Development and Industrial Pharmacy, 2019, 45, 1610-1616.	0.9	9
44	Enhanced Skin Permeation of Hydrocortisone Using Nanoemulsion as Potential Vehicle. ChemistrySelect, 2019, 4, 10084-10091.	0.7	17
45	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. Drug Development and Industrial Pharmacy, 2019, 45, 1073-1078.	0.9	30
46	Antifungal efficacy of Itraconazole loaded PLGA-nanoparticles stabilized by vitamin-E TPGS: In vitro and ex vivo studies. Journal of Microbiological Methods, 2019, 161, 87-95.	0.7	46
47	Evaluation of the bioavailability of hydrocortisone when prepared as solid dispersion. Saudi Pharmaceutical Journal, 2019, 27, 629-636.	1.2	31
48	UHPLC assisted simultaneous separation of apigenin and prednisolone and its application in the pharmacokinetics of apigenin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 58-65.	1.2	4
49	In vitro dissolution and bioavailability study of furosemide nanosuspension prepared using design of experiment (DoE). Saudi Pharmaceutical Journal, 2019, 27, 96-105.	1.2	31
50	Dissolution and bioavailability improvement of bioactive apigenin using solid dispersions prepared by different techniques. Saudi Pharmaceutical Journal, 2019, 27, 264-273.	1.2	45
51	Effect of whole-grain plant-based diet on the diabetes mellitus type 2 features in newly diagnosed patients: a pilot study. International Journal of Diabetes in Developing Countries, 2019, 39, 535-546.	0.3	1
52	Solubility determination and thermodynamic data of apigenin in binary {TranscutolÂ®â€¯+â€¯water} mixtures. Industrial Crops and Products, 2018, 116, 56-63.	2.5	14
53	Utilizing spray drying technique to improve oral bioavailability of apigenin. Advanced Powder Technology, 2018, 29, 1676-1684.	2.0	25
54	Solubility, thermodynamic properties and solute-solvent molecular interactions of luteolin in various pure solvents. Journal of Molecular Liquids, 2018, 255, 43-50.	2.3	44

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55	Effect of Î²-cyclodextrin and different surfactants on solubility, stability, and permeability of hydrochlorothiazide. Journal of Molecular Liquids, 2018, 250, 323-328.	2.3	10
56	Could Autism Be Associated With Nutritional Status in the Palestinian population? The Outcomes of the Palestinian Micronutrient Survey. Nutrition and Metabolic Insights, 2018, 11, 117863881877307.	0.8	11
57	A study to identify the contribution of SoluplusÂ® component homopolymers to the solubilization of nifedipine and sulfamethoxazole using the melting point depression method. Powder Technology, 2018, 338, 576-585.	2.1	12
58	Solubility and thermodynamic parameters of apigenin in different neat solvents at different temperatures. Journal of Molecular Liquids, 2017, 234, 73-80.	2.3	30
59	Investigation of the in vitro performance difference of drug-SoluplusÂ® and drug-PEG 6000 dispersions when prepared using spray drying or lyophilization. Saudi Pharmaceutical Journal, 2017, 25, 419-439.	1.2	44
60	Influence of the microwave technology on solid dispersions of mefenamic acid and flufenamic acid. PLoS ONE, 2017, 12, e0182011.	1.1	25
61	Use of the Floryâ€“Huggins theory to predict the solubility of nifedipine and sulfamethoxazole in the triblock, graft copolymer Soluplus. Drug Development and Industrial Pharmacy, 2016, 42, 446-455.	0.9	31