Ibrahim A Alsarra

List of Publications by Year
in descending order

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331 papers	10,087 citations	50170 46 h-index	66788 78 g-index
343 all docs	343 docs citations	343 times ranked	8327 citing authors

#	Article	IF	Citations
1	Development and bioavailability assessment of ramipril nanoemulsion formulation. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 66, 227-243.	2.0	567
2	A review on the strategies for oral delivery of proteins and peptides and their clinical perspectives. Saudi Pharmaceutical Journal, 2016, 24, 413-428.	1.2	255
3	Modification of theophylline release with alginate gel formed in hard capsules. AAPS PharmSciTech, 2007, 8, E1-E8.	1.5	235
4	Nanoemulsions as vehicles for transdermal delivery of aceclofenac. AAPS PharmSciTech, 2007, 8, 191.	1.5	226
5	Design, development and evaluation of novel nanoemulsion formulations for transdermal potential of celecoxib. Acta Pharmaceutica, 2007, 57, 315-332.	0.9	221
6	Proniosomes as a drug carrier for transdermal delivery of ketorolac. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 485-490.	2.0	197
7	Formulation development and optimization using nanoemulsion technique: A technical note. AAPS PharmSciTech, 2007, 8, E12-E17.	1.5	196
8	Transdermal delivery of anticancer drug caffeine from water-in-oil nanoemulsions. Colloids and Surfaces B: Biointerfaces, 2010, 75, 356-362.	2.5	185
9	Chitosan topical gel formulation in the management of burn wounds. International Journal of Biological Macromolecules, 2009, 45, 16-21.	3.6	165
10	Optimization of 5-fluorouracil solid-lipid nanoparticles: a preliminary study to treat colon cancer. International Journal of Medical Sciences, 2010, 7, 398-408.	1.1	153
11	An in vitro evaluation of a chitosan-containing multiparticulate system for macromolecule delivery to the colon. International Journal of Pharmaceutics, 2002, 239, 197-205.	2.6	130
12	Biopharmaceutical applications of nanogold. Saudi Pharmaceutical Journal, 2010, 18, 179-193.	1.2	122
13	Skin permeation mechanism and bioavailability enhancement of celecoxib from transdermally applied nanoemulsion. Journal of Nanobiotechnology, 2008, 6, 8.	4.2	120
14	Nanoemulsions as potential vehicles for transdermal and dermal delivery of hydrophobic compounds: an overview. Expert Opinion on Drug Delivery, 2012, 9, 953-974.	2.4	93
15	Ultra fine super self-nanoemulsifying drug delivery system (SNEDDS) enhanced solubility and dissolution of indomethacin. Journal of Molecular Liquids, 2013, 180, 89-94.	2.3	92
16	Enhanced Antibacterial Effects of Clove Essential Oil by Nanoemulsion. Journal of Oleo Science, 2014, 63, 347-354.	0.6	90
17	Development and evaluation of PLGA polymer based nanoparticles of quercetin. International Journal of Biological Macromolecules, 2016, 92, 213-219.	3.6	88
18	Design and Development of Oral Oil in Water Ramipril Nanoemulsion Formulation: In Vitro and In Vivo Assessment. Journal of Biomedical Nanotechnology, 2007, 3, 28-44.	0.5	87

#	Article	IF	Citations
19	Critical steps and energetics involved in a successful development of a stable nanoemulsion. Journal of Molecular Liquids, 2016, 214, 7-18.	2.3	83
20	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
21	Molecular weight and degree of deacetylation effects on lipase-loaded chitosan bead characteristics. Biomaterials, 2002, 23, 3637-3644.	5.7	75
22	Oral bioavailability enhancement and hepatoprotective effects of thymoquinone by self-nanoemulsifying drug delivery system. Materials Science and Engineering C, 2017, 76, 319-329.	3.8	75
23	Wound healing effects of nanoemulsion containing clove essential oil. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 591-597.	1.9	74
24	Celecoxib nanoemulsion: Skin permeation mechanism and bioavailability assessment. Journal of Drug Targeting, 2008, 16, 733-740.	2.1	73
25	Nasal delivery of donepezil HCl-loaded hydrogels for the treatment of Alzheimerâ€™s disease. Scientific Reports, 2019, 9, 9563.	1.6	73
26	Micromatricial metronidazole benzoate film as a local mucoadhesive delivery system for treatment of periodontal diseases. AAPS PharmSciTech, 2007, 8, E184-E194.	1.5	68
27	Solubility of Bioactive Compound Hesperidin in Six Pure Solvents at (298.15 to 333.15) K. Journal of Chemical & Engineering Data, 2014, 59, 2065-2069.	1.0	68
28	Effects of preparative parameters on the properties of chitosan hydrogel beads containing Candida rugosa lipase. Biomaterials, 2004, 25, 2645-2655.	5.7	67
29	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. Life Sciences, 2016, 165, 1-8.	2.0	65
30	Preparation and characterization of polymeric nanoparticles surface modified with chitosan for target treatment of colorectal cancer. International Journal of Biological Macromolecules, 2017, 95, 643-649.	3.6	65
31	Chemical composition and antimicrobial, antioxidant, and anti-inflammatory activities of Lepidium sativum seed oil. Saudi Journal of Biological Sciences, 2019, 26, 1089-1092.	1.8	62
32	Investigation of true nanoemulsions for transdermal potential of indomethacin: characterization, rheological characteristics, andex vivoskin permeation studies. Journal of Drug Targeting, 2009, 17, 435-441.	2.1	60
33	Solubility and thermodynamic function of vanillin in ten different environmentally benign solvents. Food Chemistry, 2015, 180, 244-248.	4.2	60
34	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
35	Acyclovir Liposomes for Intranasal Systemic Delivery: Development and Pharmacokinetics Evaluation. Drug Delivery, 2008, 15, 313-321.	2.5	56
36	Mucoadhesive Polymeric Hydrogels for Nasal Delivery of Acyclovir. Drug Development and Industrial Pharmacy, 2009, 35, 352-362.	0.9	56

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37	The use of spray-drying to enhance celecoxib solubility. Drug Development and Industrial Pharmacy, 2011, 37, 1463-1472.	0.9	56
38	Solubilization Behavior of Paracetamol in Transcutolâ€“Water Mixtures at (298.15 to 333.15) K. Journal of Chemical & Engineering Data, 2013, 58, 3551-3556.	1.0	56
39	Carbon Nanotubes: Current Perspectives on Diverse Applications in Targeted Drug Delivery and Therapies. Materials, 2021, 14, 6707.	1.3	55
40	Solubility and thermodynamic function of a bioactive compound bergenin in various pharmaceutically acceptable neat solvents at different temperatures. Journal of Chemical Thermodynamics, 2016, 101, 19-24.	1.0	52
41	Solubility prediction of indomethacin in PEG 400+water mixtures at various temperatures. Journal of Molecular Liquids, 2013, 188, 28-32.	2.3	51
42	Solubility and thermodynamic analysis of sinapic acid in various neat solvents at different temperatures. Journal of Molecular Liquids, 2016, 222, 167-171.	2.3	51
43	Thermodynamics of the solubility of reserpine in {{2-(2-ethoxyethoxy)ethanol + water}} mixed solvent systems at different temperatures. Journal of Chemical Thermodynamics, 2015, 85, 57-60.	1.0	49
44	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
45	Bioavailability enhancement and pharmacokinetic profile of an anticancer drug ibrutinib by self-nanoemulsifying drug delivery system. Journal of Pharmacy and Pharmacology, 2016, 68, 772-780.	1.2	48
46	Anticancer Efficacy of Self-Nanoemulsifying Drug Delivery System of Sunitinib Malate. AAPS PharmSciTech, 2018, 19, 123-133.	1.5	48
47	Double w/o/w nanoemulsion of 5-fluorouracil for self-nanoemulsifying drug delivery system. Journal of Molecular Liquids, 2014, 200, 183-190.	2.3	47
48	Impact of various nonionic surfactants on self-nanoemulsification efficiency of two grades of Capryol (Capryol-90 and Capryol-PGMC). Journal of Molecular Liquids, 2013, 182, 57-63.	2.3	46
49	Preparation, characterization, and antibacterial activity of diclofenac-loaded chitosan nanoparticles. Saudi Pharmaceutical Journal, 2019, 27, 82-87.	1.2	45
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	Water soluble binary and ternary complexes of diosmin with Î²-cyclodextrin: Spectroscopic characterization, release studies and anti-oxidant activity. Journal of Molecular Liquids, 2014, 199, 35-41.	2.3	44
52	Niosomes as transdermal drug delivery system for celecoxib: in vitro and in vivo studies. Polymer Bulletin, 2016, 73, 1229-1245.	1.7	44
53	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
54	Solubility, molecular interactions and mixing thermodynamic properties of piperine in various pure solvents at different temperatures. Journal of Molecular Liquids, 2018, 250, 63-70.	2.3	44

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55	Solubility determination, various solubility parameters and solution thermodynamics of sunitinib malate in some cosolvents, water and various (TranscutolÂ+Âwater) mixtures. Journal of Molecular Liquids, 2020, 307, 112970.	2.3	44
56	Comparative topical delivery of antifungal drug croconazole using liposome and micro-emulsion-based gel formulations. Drug Delivery, 2014, 21, 34-43.	2.5	43
57	Wound Healing Study of Eucalyptus Essential Oil Containing Nanoemulsion in Rat Model. Journal of Oleo Science, 2018, 67, 957-968.	0.6	43
58	Solidified SNEDDS for the oral delivery of rifampicin: Evaluation, proof of concept, in vivo kinetics, and in silico GastroPlusTM simulation. International Journal of Pharmaceutics, 2019, 566, 203-217.	2.6	43
59	Antibacterial Activity of Chitosan Nanoparticles Against Pathogenic N. gonorrhoea . International Journal of Nanomedicine, 2020, Volume 15, 7877-7887.	3.3	43
60	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
61	A rapid and sensitive stability-indicating green RP-HPTLC method for the quantitation of flibanserin compared to green NP-HPTLC method: Validation studies and greenness assessment. Microchemical Journal, 2021, 164, 105960.	2.3	43
62	Nanomedicines as Drug Delivery Carriers of Anti-Tubercular Drugs: From Pathogenesis to Infection Control. Current Drug Delivery, 2019, 16, 400-429.	0.8	42
63	Experimental and Computational Approaches for Solubility Measurement of Pyridazinone Derivative in Binary (DMSO + Water) Systems. Molecules, 2020, 25, 171.	1.7	42
64	Validated liquid chromatographic determination of 5-fluorouracil in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 804, 435-439.	1.2	41
65	Solubility and thermodynamic behavior of vanillin in propane-1,2-diol + water cosolvent mixtures at different temperatures. Food Chemistry, 2015, 188, 57-61.	4.2	41
66	Solubility and thermodynamics of ferulic acid in different neat solvents: Measurement, correlation and molecular interactions. Journal of Molecular Liquids, 2017, 236, 144-150.	2.3	41
67	Proniosomal transdermal therapeutic system of losartan potassium: development and pharmacokinetic evaluation. Journal of Drug Targeting, 2009, 17, 442-449.	2.1	40
68	Solubility of antipsychotic drug risperidone in Transcutol+water co-solvent mixtures at 298.15 to 333.15K. Journal of Molecular Liquids, 2014, 191, 68-72.	2.3	40
69	Polymeric solid self-nanoemulsifying drug delivery system of glibenclamide using coffee husk as a low cost biosorbent. Powder Technology, 2014, 256, 352-360.	2.1	40
70	Enhanced Stability of Ramipril in Nanoemulsion Containing Cremophor-EL: A Technical Note. AAPS PharmSciTech, 2008, 9, 1097-1101.	1.5	39
71	Influence of Cyclodextrin Complexation with NSAIDs on NSAID/Cold Stress-Induced Gastric Ulceration in Rats. International Journal of Medical Sciences, 2010, 7, 232-239.	1.1	39
72	Solubility and thermodynamic/solvation behavior of 6-phenyl-4,5-dihydropyridazin-3(2H)-one in different (Transcutol + water) mixtures. Journal of Molecular Liquids, 2017, 230, 511-517.	2.3	39

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73	Ecofriendly densitometric RP-HPTLC method for determination of rivaroxaban in nanoparticle formulations using green solvents. RSC Advances, 2020, 10, 2133-2140.	1.7	39
74	Improvement of Albendazole Dissolution by Preparing Microparticles Using Spray-Drying Technique. Scientia Pharmaceutica, 2007, 75, 63-79.	0.7	37
75	Measurement and Correlation of Tadalafil Solubility in Five Pure Solvents at (298.15 to 333.15) K. Journal of Chemical & Engineering Data, 2014, 59, 839-843.	1.0	37
76	Chemoprevention of skin cancer using low HLB surfactant nanoemulsion of 5-fluorouracil: a preliminary study. Drug Delivery, 2015, 22, 573-580.	2.5	37
77	Transdermal Delivery of Tadalafil. I. Effect of Vehicles on Skin Permeation. Drug Development and Industrial Pharmacy, 2009, 35, 329-336.	0.9	36
78	Potential Health Benefits and Metabolomics of Camel Milk by GC-MS and ICP-MS. Biological Trace Element Research, 2017, 175, 322-330.	1.9	36
79	Solubility and thermodynamic parameters of a novel anti-cancer drug (DHP-5) in polyethylene glycol 400 + water mixtures. Journal of Molecular Liquids, 2017, 229, 241-245.	2.3	36
80	Solubility and thermodynamic function of vitamin D3 in different mono solvents. Journal of Molecular Liquids, 2017, 229, 477-481.	2.3	36
81	Summary of University of Kentucky Pharmaceutical Sciences AAPS Student Chapter 2007 Postgraduate Conference. AAPS PharmSciTech, 2007, 8, E104-E104.	1.5	35
82	A Combinatorial Statistical Design Approach to Optimize the Nanostructured Cubosomal Carrier System for Oral Delivery of Ubidecarenone for Management of Doxorubicin-Induced Cardiotoxicity: InÂVitroâ€“InÂVivo Investigations. Journal of Pharmaceutical Sciences, 2017, 106, 3050-3065.	1.6	35
83	Applying green analytical chemistry for rapid analysis of drugs: Adding health to pharmaceutical industry. Arabian Journal of Chemistry, 2017, 10, S777-S785.	2.3	35
84	Transdermal and Topical Delivery of Anti-inflammatory Agents Using Nanoemulsion/Microemulsion: An Updated Review. Current Nanoscience, 2010, 6, 184-198.	0.7	34
85	Nanoemulsion: A promising tool for solubility and dissolution enhancement of celecoxib. Pharmaceutical Development and Technology, 2010, 15, 53-56.	1.1	34
86	Solubility of a poorly soluble immunosuppressant in different pure solvents: Measurement, correlation, thermodynamics and molecular interactions. Journal of Molecular Liquids, 2018, 249, 53-60.	2.3	34
87	Thermodynamics of solubility of isatin in (PEG 400+water) mixed solvent systems at T=(298.15 to) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	33
88	Transdermal delivery of meloxicam using niosomal hydrogels:in vitroand pharmacodynamic evaluation. Pharmaceutical Development and Technology, 2015, 20, 820-826.	1.1	33
89	Solubility and dissolution thermodynamics of sinapic acid in (DMSO + water) binary solvent mixtures at different temperatures. Journal of Molecular Liquids, 2017, 225, 833-839.	2.3	33
90	Solubility Measurement and Various Solubility Parameters of Glipizide in Different Neat Solvents. ACS Omega, 2020, 5, 1708-1716.	1.6	33

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91	Testosterone solid lipid microparticles for transdermal drug delivery. Formulation and physicochemical characterization. Journal of Microencapsulation, 2007, 24, 457-475.	1.2	32
92	Solubility and thermodynamics of apremilast in different mono solvents: Determination, correlation and molecular interactions. International Journal of Pharmaceutics, 2017, 523, 410-417.	2.6	32
93	Phytotherapeutic potential and pharmaceutical impact of Phoenix dactylifera (date palm): current research and future prospects. Journal of Food Science and Technology, 2020, 57, 1191-1204.	1.4	32
94	Solubility data, Hansen solubility parameters and thermodynamic behavior of pterostilbene in some pure solvents and different (PEG-400Â+Âwater) cosolvent compositions. Journal of Molecular Liquids, 2021, 331, 115700.	2.3	32
95	Utilization of Artificial Intelligence in Disease Prevention: Diagnosis, Treatment, and Implications for the Healthcare Workforce. Healthcare (Switzerland), 2022, 10, 608.	1.0	32
96	Microwave Irradiation-Assisted Synthesis of a Novel Crown Ether Crosslinked Chitosan as a Chelating Agent for Heavy Metal Ions (M+n). Molecules, 2010, 15, 6257-6268.	1.7	31
97	Solubility and Dissolution Enhancement of Tadalafil Using Self-Nanoemulsifying Drug Delivery System. Journal of Oleo Science, 2014, 63, 567-576.	0.6	31
98	Dissolution thermodynamics and solubility of silymarin in PEG 400-water mixtures at different temperatures. Drug Development and Industrial Pharmacy, 2015, 41, 1819-1823.	0.9	31
99	Metabolomic and elemental analysis of camel and bovine urine by GCâ€“MS and ICPâ€“MS. Saudi Journal of Biological Sciences, 2017, 24, 23-29.	1.8	31
100	Evaluation of the bioavailability of hydrocortisone when prepared as solid dispersion. Saudi Pharmaceutical Journal, 2019, 27, 629-636.	1.2	31
101	Glycemic Index of Gluten-Free Bread and Their Main Ingredients: A Systematic Review and Meta-Analysis. Foods, 2021, 10, 506.	1.9	31
102	Voltammetric determination of montelukast sodium in dosage forms and human plasma. Il Farmaco, 2005, 60, 563-567.	0.9	30
103	Preparation and Characterization of Spironolactone-Loaded Gelucire Microparticles Using Spray-Drying Technique. Drug Development and Industrial Pharmacy, 2009, 35, 297-304.	0.9	30
104	Measurement and correlation of solubility of bioactive compound silymarin in five different green solvents at 298.15K to 333.15K. Journal of Molecular Liquids, 2014, 195, 255-258.	2.3	30
105	Thermodynamics of solubility of isatin in Carbitol+water mixed solvent systems at different temperatures. Journal of Molecular Liquids, 2015, 207, 274-278.	2.3	30
106	Solubility and thermodynamic parameters of apigenin in different neat solvents at different temperatures. Journal of Molecular Liquids, 2017, 234, 73-80.	2.3	30
107	Physical PEGylation Enhances The Cytotoxicity Of 5-Fluorouracil-Loaded PLGA And PCL Nanoparticles . International Journal of Nanomedicine, 2019, Volume 14, 9259-9273.	3.3	30
108	Measurement and evaluation of the effects of pH gradients on the antimicrobial and antivirulence activities of chitosan nanoparticles in Pseudomonas aeruginosa. Saudi Pharmaceutical Journal, 2018, 26, 79-83.	1.2	29

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109	Solubility, solubility parameters and solution thermodynamics of thymoquinone in different mono solvents. Journal of Molecular Liquids, 2018, 272, 912-918.	2.3	29
110	Bacterial Ghosts Carrying 5-Fluorouracil: A Novel Biological Carrier for Targeting Colorectal Cancer. AAPS PharmSciTech, 2019, 20, 48.	1.5	29
111	Trastuzumab Targeted Neratinib Loaded Poly-Amidoamine Dendrimer Nanocapsules for Breast Cancer Therapy . International Journal of Nanomedicine, 2020, Volume 15, 5433-5443.	3.3	29
112	Validated High-Performance Liquid Chromatographic Technique for Determination of 5-Fluorouracil: Applications to Stability Studies and Simulated Colonic Media. Journal of Chromatographic Science, 2009, 47, 558-563.	0.7	28
113	Preparation and In Vivo Evaluation of Indomethacin Loaded True Nanoemulsions. Scientia Pharmaceutica, 2010, 78, 47-56.	0.7	28
114	Correlation of Solubility of Bioactive Compound Reserpine in Eight Green Solvents at (298.15 to 338.15) K. Journal of Chemical & Engineering Data, 2015, 60, 775-780.	1.0	28
115	Solubility and thermodynamic function of a new anticancer drug ibrutinib in 2-(2-ethoxyethoxy)ethanol+water mixtures at different temperatures. Journal of Chemical Thermodynamics, 2015, 89, 159-163.	1.0	28
116	Solubility, solution thermodynamics and molecular interactions of osimertinib in some pharmaceutically useful solvents. Journal of Molecular Liquids, 2019, 284, 53-58.	2.3	28
117	Wound healing evaluation of self-nanoemulsifying drug delivery system containing Piper cubeba essential oil. 3 Biotech, 2019, 9, 82.	1.1	28
118	Chitosan Beads as a New Gastroretentive System of Verapamil. Scientia Pharmaceutica, 2006, 74, 175-188.	0.7	27
119	Boxâ€“Behnken Statistical Design for Removal of Methylene Blue from Aqueous Solution Using Sodium Dodecyl Sulfate Self-microemulsifying Systems. Industrial & Engineering Chemistry Research, 2014, 53, 1179-1188.	1.8	27
120	Rheological and mucoadhesive characterization of poly(vinylpyrrolidone) hydrogels designed for nasal mucosal drug delivery. Archives of Pharmacal Research, 2011, 34, 573-582.	2.7	26
121	Measurement and Correlation of Solubility of Olmesartan Medoxomil in Six Green Solvents at 295.15â€“330.15 K. Industrial & Engineering Chemistry Research, 2014, 53, 2846-2849.	1.8	26
122	Evaluation of proniosomes as an alternative strategy to optimize piroxicam transdermal delivery. Journal of Microencapsulation, 2009, 26, 272-278.	1.2	25
123	Stability and self-nanoemulsification efficiency of ramipril nanoemulsion containing labrasol and plurol oleique. Clinical Research and Regulatory Affairs, 2010, 27, 7-12.	2.1	25
124	New targeted-colon delivery system:in vitroandin vivoevaluation using X-ray imaging. Journal of Drug Targeting, 2010, 18, 59-66.	2.1	25
125	Carvone Schiff base of isoniazid as a novel antitumor agent: Nanoemulsion development and pharmacokinetic evaluation. Journal of Molecular Liquids, 2015, 203, 111-119.	2.3	25
126	Utilizing spray drying technique to improve oral bioavailability of apigenin. Advanced Powder Technology, 2018, 29, 1676-1684.	2.0	25

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127	A Systematic Review on Gluten-Free Bread Formulations Using Specific Volume as a Quality Indicator. Foods, 2021, 10, 614.	1.9	25
128	Influence of the microwave technology on solid dispersions of mefenamic acid and flufenamic acid. PLoS ONE, 2017, 12, e0182011.	1.1	25
129	Effect of Sonophoresis and Chemical Enhancers on Testosterone Transdermal Delivery from Solid Lipid Microparticles: An In Vitro Study. Current Drug Delivery, 2008, 5, 20-26.	0.8	24
130	Study of omeprazole stability in aqueous solution: influence of cyclodextrins. Journal of Drug Delivery Science and Technology, 2009, 19, 347-351.	1.4	24
131	Solubility measurement, thermodynamics and molecular interactions of flufenamic acid in different neat solvents. Journal of Molecular Liquids, 2017, 240, 447-453.	2.3	24
132	Development of Domperidone Solid Lipid Nanoparticles: In Vitro and In Vivo Characterization. AAPS PharmSciTech, 2018, 19, 1712-1719.	1.5	24
133	Design and development of a commercially viable in situ nanoemulgel for the treatment of postmenopausal osteoporosis. Nanomedicine, 2020, 15, 1167-1187.	1.7	24
134	Solubility of N-(4-Chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide (Isoniazid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Engineering Data, 2014, 59, 1727-1732.	1.0	23
135	Antioxidant and cytotoxic effects of vanillin via eucalyptus oil containing self-nanoemulsifying drug delivery system. Journal of Molecular Liquids, 2016, 218, 233-239.	2.3	23
136	Solubility determination of raloxifene hydrochloride in ten pure solvents at various temperatures: Thermodynamics-based analysis and soluteâ€“solvent interactions. International Journal of Pharmaceutics, 2018, 544, 165-171.	2.6	23
137	Simultaneous Determination of 6-Shogaol and 6-Gingerol in Various Ginger (Zingiber officinale) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2020, 9, 1136.	1.9	23
138	Solubility, Hansen Solubility Parameters and Thermodynamic Behavior of Emtricitabine in Various (Polyethylene Glycol-400 + Water) Mixtures: Computational Modeling and Thermodynamics. Molecules, 2020, 25, 1559.	1.7	23
139	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
140	Biochemically altered human erythrocytes as a carrier for targeted delivery of primaquine: an In Vitro study. Archives of Pharmacal Research, 2011, 34, 563-571.	2.7	22
141	Solution thermodynamics and solubility prediction of glibenclamide in TranscutolÂ+Âwater co-solvent mixtures at 298.15â€“333.15ÂK. Archives of Pharmacal Research, 2014, 37, 746-751.	2.7	22
142	Thermodynamics of solubility of ibrutinib in ethanol+water cosolvent mixtures at different temperatures. Journal of Molecular Liquids, 2015, 209, 461-464.	2.3	22
143	Biological investigation of a supersaturated self-nanoemulsifying drug delivery system of Piper cubeba essential oil. RSC Advances, 2015, 5, 105206-105217.	1.7	22
144	Self-nanoemulsifying drug delivery system of sinapic acid: In vitro and in vivo evaluation. Journal of Molecular Liquids, 2016, 224, 351-358.	2.3	22

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145	Simple and Accurate HPTLC-Densitometric Method for Quantification of Delafloxacin (A Novel) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Antibiotics, 2020, 9, 134.	1.5	22
146	Solubility of sinapic acid in various (Carbitolâ€‰+â€‰water) systems: computational modeling and solution thermodynamics. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1437-1446.	2.0	22
147	Vesicular Systems for Intranasal Drug Delivery. Neuromethods, 2010, , 175-203.	0.2	21
148	Synthesis, Characterization and Solubility Determination of 6-Phenyl-pyridazin-3(2H)-one in Different Pharmaceutical Solvents. Molecules, 2019, 24, 3404.	1.7	21
149	Thermodynamics-based mathematical model for solubility prediction of glibenclamide in ethanolâ€“water mixtures. Pharmaceutical Development and Technology, 2014, 19, 702-707.	1.1	20
150	Thermodynamics and solubility of tadalafil in diethylene glycol monoethyl ether+water co-solvent mixtures at (298.15 to 333.15) K. Journal of Molecular Liquids, 2014, 197, 334-338.	2.3	20
151	Efficacy of the early treatment with tocilizumab-hydroxychloroquine and tocilizumab-remdesivir in severe COVID-19 Patients. Journal of Infection and Public Health, 2022, 15, 116-122.	1.9	20
152	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
153	Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis. Pharmaceuticals, 2022, 15, 128.	1.7	20
154	Valproic Acid and Sodium Valproate: Comprehensive Profile. Profiles of Drug Substances, Excipients and Related Methodology, 2005, 32, 209-240.	3.5	19
155	Solubility and thermodynamics of vanillin in Carbitol-water mixtures at different temperatures. LWT - Food Science and Technology, 2015, 64, 1278-1282.	2.5	19
156	Solubility and thermodynamics of 4-(4-ethoxyphenyl)-5-(3,4,5-trimethoxybenzoyl)-3,4-dihydropyrimidin-2(1H)-one in various pure solvents at different temperatures. Journal of Molecular Liquids, 2016, 224, 624-628.	2.3	19
157	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
158	Hepatoprotective Effects of Bioflavonoid Luteolin Using Self-Nanoemulsifying Drug Delivery System. Molecules, 2021, 26, 7497.	1.7	19
159	Formulation, characterization, in vitro and in vivo evaluations of self-nanoemulsifying drug delivery system of luteolin. Journal of Taibah University for Science, 2020, 14, 1386-1401.	1.1	18
160	Pharmacokinetic and in vitro cytotoxic evaluation of cholesterol-rich nanoemulsion of cholesteryl-succinyl-5-fluorouracil. Journal of Molecular Liquids, 2015, 211, 164-168.	2.3	17
161	Analysis of anti-neoplastic drug in bacterial ghost matrix, w/o/w double nanoemulsion and w/o nanoemulsion by a validated â€˜greenâ€™ liquid chromatographic method. Talanta, 2016, 154, 292-298.	2.9	17
162	Enhanced Skin Permeation of Hydrocortisone Using Nanoemulsion as Potential Vehicle. ChemistrySelect, 2019, 4, 10084-10091.	0.7	17

#	Article	IF	Citations
163	Thermodynamic solubility and solvation behavior of ferulic acid in different (PEG-400 + water) binary solvent mixtures. Drug Development and Industrial Pharmacy, 2019, 45, 1468-1476.	0.9	17
164	Solubility measurement, Hansen solubility parameters and solution thermodynamics of gemfibrozil in different pharmaceutically used solvents. Drug Development and Industrial Pharmacy, 2019, 45, 1258-1264.	0.9	17
165	Chemical composition of fennel seed extract and determination of fenchone in commercial formulations by GCâ€“MS method. Journal of Food Science and Technology, 2019, 56, 2395-2403.	1.4	17
166	Recent insights on nanomedicine for augmented infection control . International Journal of Nanomedicine, 2019, Volume 14, 2301-2325.	3.3	17
167	Antidiabetic activity of standardized dried tubers extract of Aconitum napellus in streptozotocinâ€induced diabetic rats. 3 Biotech, 2020, 10, 56.	1.1	17
168	Formulation, In Vitro and In Vivo Evaluation of Gefitinib Solid Dispersions Prepared Using Different Techniques. Processes, 2021, 9, 1210.	1.3	17
169	Thermodynamic modeling for solubility prediction of indomethacin in self-nanoemulsifying drug delivery system (SNEDDS) and its individual components. Drug Development and Industrial Pharmacy, 2014, 40, 1240-1245.	0.9	16
170	Solubility of anti-inflammatory drug lornoxicam in ten different green solvents at different temperatures. Journal of Molecular Liquids, 2015, 209, 280-283.	2.3	16
171	Solubility and thermodynamics of tenoxicam in (PEG-400+water) binary solvent systems at different temperatures. Journal of Molecular Liquids, 2016, 213, 221-227.	2.3	16
172	Solid liquid equilibrium of an antifungal drug itraconazole in different neat solvents: Determination and correlation. Journal of Molecular Liquids, 2017, 234, 81-87.	2.3	16
173	Solubility and thermodynamic function of apremilast in different (Transcutol + water) cosolvent mixtures: Measurement, correlation and molecular interactions. Journal of Industrial and Engineering Chemistry, 2017, 56, 99-107.	2.9	16
174	Development and validation of a green RP-HPLC method for the analysis of rosuvastatin: a step towards making liquid chromatography environmentally benign. Green Processing and Synthesis, 2018, 7, 160-169.	1.3	16
175	Estimating the Solubility, Solution Thermodynamics, and Molecular Interaction of Aliskiren Hemifumarate in Alkylimidazolium Based Ionic Liquids. Molecules, 2019, 24, 2807.	1.7	16
176	Determination of Delafloxacin in Pharmaceutical Formulations Using a Green RP-HPTLC and NP-HPTLC Methods: A Comparative Study. Antibiotics, 2020, 9, 359.	1.5	16
177	A Green RP-HPTLC-Densitometry Method for the Determination of Diosmin in Pharmaceutical Formulations. Processes, 2020, 8, 817.	1.3	16
178	Solubility Data and Computational Modeling of Baricitinib in Various (DMSO + Water) Mixtures. Molecules, 2020, 25, 2124.	1.7	16
179	Effects of Kollicoat IR^{Â®}and hydroxypropyl-Î²-cyclodextrin on the dissolution rate of omeprazole from its microparticles and enteric-coated capsules. Pharmaceutical Development and Technology, 2010, 15, 500-510.	1.1	15
180	Technology evaluation: Kollicoat IR. Expert Opinion on Drug Delivery, 2011, 8, 693-703.	2.4	15

#	Article	IF	Citations
181	Solubility of N-(4-Chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide (Isoniazid) Tj ETQq1 1 0.784314 rgBT /Overlock 2014, 59, 2660-2664.	1.0	15
182	Silymarin: an insight to its formulation and analytical prospects. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	15
183	Solubility and thermodynamic analysis of Nâ€²-(1-(N-(methyl)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (benzylaminome different temperatures. Journal of Molecular Liquids, 2016, 220, 108-112.	2.3	15
184	Solubility and molecular interactions of ferulic acid in various (isopropanol + water) mixtures. Journal of Pharmacy and Pharmacology, 2017, 69, 1485-1494.	1.2	15
185	Simultaneous Estimation of Cinnamaldehyde and Eugenol in Essential Oils and Traditional and Ultrasound-Assisted Extracts of Different Species of Cinnamon Using a Sustainable/Green HPTLC Technique. Molecules, 2021, 26, 2054.	1.7	15
186	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
187	GCâ€“MS characterization and evaluation of antimicrobial, anticancer and wound healing efficiency of combined ethanolic extract of Tridax procumbens and Acalypha indica. Journal of Molecular Structure, 2022, 1250, 131678.	1.8	15
188	Effect of gamma radiation on the physicochemical properties of ciprofloxacin in solid state. Journal of Drug Delivery Science and Technology, 2007, 17, 211-215.	1.4	14
189	Criterion for excipients screening in the development of nanoemulsion formulation of three anti-inflammatory drugs. Pharmaceutical Development and Technology, 2010, 15, 131-138.	1.1	14
190	Evaluation of Novel Adhesive Film Containing Ketorolac for Postâ€Surgery Pain Control: A Safety and Efficacy Study. Journal of Periodontology, 2011, 82, 963-968.	1.7	14
191	Liposomes for enhanced cytotoxic activity of bleomycin. Drug Development Research, 2011, 72, 265-273.	1.4	14
192	A validated UPLCâ€“MS/MS assay using negative ionization mode for high-throughput determination of pomalidomide in rat plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 983-984, 76-82.	1.2	14
193	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
194	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
195	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
196	High-Performance Liquid Chromatographic Method for Quantitative Determination of Amlodipine in Human Plasma and Pharmaceutical Dosage Form and its Application to Pharmacokinetic Studies. Journal of Chromatographic Science, 2009, 47, 863-867.	0.7	13
197	AN ENVIRONMENTALLY BENIGN APPROACH FOR RAPID ANALYSIS OF INDOMETHACIN USING A STABILITY-INDICATING RP-HPLC METHOD. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 878-892.	0.5	13
198	Self-nanoemulsifying performance of two grades of Lauroglycol (Lauroglycol-90 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Lauro Technology, 2014, 19, 799-805.	1.1	13

#	Article	IF	Citations
199	Solubility and dissolution thermodynamics of (2Z)-N-cyclohexyl-2-(3-hydroxybenzylidine) hydrazine carbothioamide in 2-(2-ethoxyethoxy)ethanol+water mixtures at (298.15 to 338.15) K. Journal of Molecular Liquids, 2014, 197, 381-385.	2.3	13
200	Measurement, Correlation, and Thermodynamics of Solubility of Isatin in Nine Different Green Solvents at (298.15 to 338.15) K. Journal of Chemical & Engineering Data, 2015, 60, 801-805.	1.0	13
201	Solubility and thermodynamic function of bergenin in different (DMSO + water) mixtures at different temperatures. Journal of Molecular Liquids, 2016, 220, 823-828.	2.3	13
202	Solubility of rosuvastatin calcium in different neat solvents at different temperatures. Journal of Chemical Thermodynamics, 2016, 94, 230-233.	1.0	13
203	Metabolomics and Trace Element Analysis of Camel Tear by GC-MS and ICP-MS. Biological Trace Element Research, 2017, 177, 251-257.	1.9	13
204	Solubilization, Hansen Solubility Parameters, Solution Thermodynamics and Solvation Behavior of Flufenamic Acid in (Carbitol + Water) Mixtures. Processes, 2020, 8, 1204.	1.3	13
205	Lipoproteins-Nanocarriers as a Promising Approach for Targeting Liver Cancer: Present Status and Application Prospects. Current Drug Delivery, 2020, 17, 826-844.	0.8	13
206	Discovery, Development, Inventions, and Patent Trends on Mobocertinib Succinate: The First-in-Class Oral Treatment for NSCLC with EGFR Exon 20 Insertions. Biomedicines, 2021, 9, 1938.	1.4	13
207	Measurement, correlation and thermodynamics of solubility of metronidazole in 2-(2-ethoxyethoxy)ethanol+water cosolvent mixtures at (298.15 to 333.15)K. Journal of Molecular Liquids, 2014, 200, 398-403.	2.3	12
208	Solubility of Metoclopramide Hydrochloride in Six Green Solvents at (298.15 to 338.15) K. Journal of Chemical & Engineering Data, 2014, 59, 1700-1703.	1.0	12
209	Development of dilutable green nanoemulsions for removal of Eriochrome black T from aqueous solution and optimization by Boxâ€“Behnken design. Journal of Molecular Liquids, 2014, 196, 340-347.	2.3	12
210	Solubility and Thermodynamic Analysis of Antihypertensive Agent Nitrendipine in Different Pure Solvents at the Temperature Range of 298.15 to 318.15Â°K. AAPS PharmSciTech, 2017, 18, 2737-2743.	1.5	12
211	Nanoemulsification Improves the Pharmaceutical Properties and Bioactivities of Niaouli Essential Oil (Melaleuca quinquenervia L.). Molecules, 2021, 26, 4750.	1.7	12
212	Comparative study of itraconazole-cyclodextrin inclusion complex and its commercial product. Archives of Pharmacal Research, 2010, 33, 1009-1017.	2.7	11
213	Potential of lipid nanoemulsion for drug delivery of cholesteryl-hexahydrophthaloyl-5-fluorouracil. Journal of Drug Delivery Science and Technology, 2014, 24, 459-463.	1.4	11
214	Solubility of (2Z)-N-Cyclohexyl-2-(3-hydroxybenzylidine) Hydrazine Carbothioamide in Different Pure Solvents at (298.15 to 338.15) K. Journal of Chemical & Engineering Data, 2014, 59, 2126-2130.	1.0	11
215	Removal of diclofenac sodium from aqueous solution using water/Transcutol/ethylene glycol/Capryol-90 green nanoemulsions. Journal of Molecular Liquids, 2014, 199, 102-107.	2.3	11
216	Solubility of N-(4-chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide in PEG 400 + water co-solvent mixtures at 298.15 K to 338.15 K. Thermochimica Acta, 2014, 589, 235-240.	1.2	11

#	Article	IF	Citations
217	Formulation and evaluation of cholesterol-rich nanoemulsion (LDE) for drug delivery potential of cholesteryl-maleoyl-5-fluorouracil. Pharmaceutical Development and Technology, 2015, 20, 266-270.	1.1	11
218	Measurement and correlation of solubility of diosmin in four pure solvents and Î²-cyclodextrin solution at 298.15K to 333.15K. Chinese Journal of Chemical Engineering, 2015, 23, 812-815.	1.7	11
219	Surface-adsorbed reverse micelle-loaded solid self-nanoemulsifying drug delivery system of talinolol. Pharmaceutical Development and Technology, 2016, 21, 131-139.	1.1	11
220	An environmentally benign HPLC-UV method for thermodynamic solubility measurement of vitamin D3 in various (Transcutol + water) mixtures. Journal of Molecular Liquids, 2017, 242, 798-806.	2.3	11
221	Utilization of poly(ethylene terephthalate) waste for preparing disodium terephthalate and its application in a solid polymer electrolyte. Journal of Applied Polymer Science, 2019, 136, 47612.	1.3	11
222	Combining Normal/Reversed-Phase HPTLC with Univariate Calibration for the Piperine Quantification with Traditional and Ultrasound-Assisted Extracts of Various Food Spices of Piper nigrum L. under Green Analytical Chemistry Viewpoint. Molecules, 2021, 26, 732.	1.7	11
223	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
224	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
225	Integrating nanotechnology with naturally occurring phytochemicals in neuropathy induced by diabetes. Journal of Molecular Liquids, 2022, 350, 118189.	2.3	11
226	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
227	Preparation and investigation of acetyl salicylic acid-caffeine complex for rectal administration. Pharmaceutical Development and Technology, 2010, 15, 249-257.	1.1	10
228	Antioxidant Potential and In Situ Analysis of Major and Trace Element Determination of Ood-saleeb, a Known Unani Herbal Medicine by ICP-MS. Biological Trace Element Research, 2016, 172, 521-527.	1.9	10
229	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
230	Application and Safety of Erythrocytes as a Novel Drug Delivery System. Asian Journal of Biochemistry, 2011, 6, 309-321.	0.5	10
231	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
232	MicroRNA-539-5p-Loaded PLGA Nanoparticles Grafted with iRGD as a Targeting Treatment for Choroidal Neovascularization. Pharmaceutics, 2022, 14, 243.	2.0	10
233	Enhancing Ocular Bioavailability of Ciprofloxacin Using Colloidal Lipid-Based Carrier for the Management of Post-Surgical Infection. Molecules, 2022, 27, 733.	1.7	10
234	Self-Nanoemulsifying Drug Delivery System (SNEDDS) of Apremilast: In Vitro Evaluation and Pharmacokinetics Studies. Molecules, 2022, 27, 3085.	1.7	10

#	Article	IF	Citations
235	Retinal Delivery of the Protein Kinase C-Î² Inhibitor Ruboxistaurin Using Non-Invasive Nanoparticles of Polyamidoamine Dendrimers. Pharmaceutics, 2022, 14, 1444.	2.0	10
236	Caffeine: A potential complexing agent for solubility and dissolution enhancement of celecoxib. Pharmaceutical Biology, 2010, 48, 113-115.	1.3	9
237	Solubility of Gliclazide in Transcutol + Water Co-solvent Mixtures at (298.15 to 333.15) K. Croatica Chemica Acta, 2014, 87, 255-260.	0.1	9
238	Removal of indomethacin from aqueous solution using multicomponent green nanoemulsions. Journal of Molecular Liquids, 2014, 198, 329-333.	2.3	9
239	Removal of xylenol orange from its aqueous solution using SDS self-microemulsifying systems: optimization by Boxâ€“Behnken statistical design. Environmental Science and Pollution Research, 2014, 21, 5187-5200.	2.7	9
240	Solubility and dissolution thermodynamics of N-(4-chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide in PG+water co-solvent mixtures at (298.15 to 338.15)K. Thermochimica Acta, 2014, 593, 37-42.	1.2	9
241	Simultaneous separation of antihyperlipidemic drugs by green ultrahigh-performance liquid chromatographyâ€“diode array detector method: Improving the health of liquid chromatography. Journal of Food and Drug Analysis, 2017, 25, 430-437.	0.9	9
242	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
243	Solubility, thermodynamics and molecular interaction studies of delafloxacin in environmental friendly ionic liquids. Journal of Molecular Liquids, 2020, 305, 112854.	2.3	9
244	Microbial spectrum, antibiotic susceptibility profile, and biofilm formation of diabetic foot infections (2014â€“18): a retrospective multicenter analysis. 3 Biotech, 2020, 10, 325.	1.1	9
245	Investigating the Feasibility of Mefenamic Acid Nanosuspension for Pediatric Delivery: Preparation, Characterization, and Role of Excipients. Processes, 2021, 9, 574.	1.3	9
246	Solubilization of Trans-Resveratrol in Some Mono-Solvents and Various Propylene Glycol + Water Mixtures. Molecules, 2021, 26, 3091.	1.7	9
247	Estimation of Anti-neoplastic Drug Doxorubicin in Bacterial Ghost Matrix by New â€œEnvironmentally Benignâ€•RP-HPLC Method: A Step Towards Sustainable Development of Pharmaceutical Industry. Arabian Journal for Science and Engineering, 2018, 43, 181-190.	1.7	9
248	Cholesterol-Conjugate as a New Strategy to Improve the Cytotoxic Effect of 5-Fluorouracil on Liver Cancer: Impact of Liposomal Composition. Current Drug Delivery, 2020, 17, 898-910.	0.8	9
249	Investigating Antiarthritic Potential of Nanostructured Clove Oil (Syzygium aromaticum) in FCA-Induced Arthritic Rats: Pharmaceutical Action and Delivery Strategies. Molecules, 2021, 26, 7327.	1.7	9
250	Solubility and solution thermodynamics of raloxifene hydrochloride in various (DMSOÂ+Âwater) compositions. AEJ - Alexandria Engineering Journal, 2022, 61, 9119-9128.	3.4	9
251	MicroRNA-219 loaded chitosan nanoparticles for treatment of glioblastoma. Artificial Cells, Nanomedicine and Biotechnology, 2022, 50, 198-207.	1.9	9
252	Development and Optimization of Ciprofloxacin HCl-Loaded Chitosan Nanoparticles Using Boxâ€“Behnken Experimental Design. Molecules, 2022, 27, 4468.	1.7	9

#	Article	IF	Citations
253	Chitosan and Sodium Sulfate as Excipients in the Preparation of Prolonged Release Theophylline Tablets. Drug Development and Industrial Pharmacy, 2005, 31, 385-395.	0.9	8
254	Hepatocellular proliferation in response to agonists of peroxisome proliferator-activated receptor alpha: a role for Kupffer cells?. Journal of Carcinogenesis, 2006, 5, 26.	2.5	8
255	Direct UPLC-MS-MS Validated Method for the Quantification of 5-Aminolevulinic Acid: Application to in-vitro Assessment of Colonic-Targeted Oral Tablets. Journal of Chromatographic Science, 2011, 49, 428-433.	0.7	8
256	Development and validation of UHPLCâ€MS/MS assay for rapid determination of a carvone Schiff base of isoniazid (CSBâ€NH) in rat plasma: application to pharmacokinetic study. Biomedical Chromatography, 2015, 29, 876-882.	0.8	8
257	Solubility and Thermodynamic Analysis of Tenoxicam in Different Pure Solvents at Different Temperatures. Journal of Chemical & Engineering Data, 2015, 60, 2510-2514.	1.0	8
258	Simple and Sensitive UPLC-MS/MS Method for High-Throughput Analysis of Ibrutinib in Rat Plasma: Optimization by Box-Behnken Experimental Design. Journal of AOAC INTERNATIONAL, 2016, 99, 618-625.	0.7	8
259	Properties of Ethnomedicinal Plants and Their Bioactive Compounds: Possible Use for COVID-19 Prevention and Treatment. Current Pharmaceutical Design, 2021, 27, 1579-1587.	0.9	8
260	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
261	Solubility and thermodynamic function of lornoxicam in (PEG-400 + water) mixtures at different temperatures. Journal of Molecular Liquids, 2016, 219, 439-443.	2.3	7
262	Vision of bacterial ghosts as drug carriers mandates accepting the effect of cell membrane on drug loading. Drug Development and Industrial Pharmacy, 2020, 46, 1716-1725.	0.9	7
263	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
264	Green NPâ€HPTLC and green RPâ€HPTLC methods for the determination of thymoquinone: A contrast of validation parameters and greenness assessment. Phytochemical Analysis, 2022, 33, 184-193.	1.2	7
265	Quantitative Analysis of Emtricitabine in Dosage Forms Using Green RP-HPTLC and Routine NP-HPTLC Methodsâ€"A Contrast of Validation Parameters. ACS Omega, 2020, 5, 33470-33477.	1.6	7
266	Impact of Viscosity and Refractive Index on Droplet Size and Zeta Potential of Model O/W and W/O Nanoemulsion. Current Nanoscience, 2013, 9, 248-253.	0.7	7
267	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
268	Development and Validation of an Isocratic, Sensitive and Facile RP-HPLC Method for Rapid Analysis of 5-Fluorouracil and Stability Studies Under Various Stress Conditions. Asian Journal of Chemistry, 2013, 25, 7177-7182.	0.1	6
269	Removal of glibenclamide from aqueous solution using water/PEG-400/ethanol/eucalyptus oil green nanoemulsions. Journal of Molecular Liquids, 2015, 203, 120-124.	2.3	6
270	Antimicrobial evaluation of novel buccoadhesive films containing Myrrh extract. Polymer Bulletin, 2017, 74, 4041-4054.	1.7	6

#	Article	IF	Citations
271	High-performance thin layer chromatography based assay and stress study of a rare steroidal alkaloid solanopubamine in six species of Solanum grown in Saudi Arabia. Saudi Pharmaceutical Journal, 2017, 25, 184-195.	1.2	6
272	Quantitative determination of canagliflozin in human plasma samples using a validated HPTLC method and its application to a pharmacokinetic study in rats. Biomedical Chromatography, 2020, 34, e4929.	0.8	6
273	Preferential solvation of 4-(4-ethoxyphenyl)-5-(3,4,5-trimethoxybenzoyl)-3,4-dihydropyrimidin-2(1H)-one in {PEG 400 (1) + water (2)} mixtures. Physics and Chemistry of Liquids, 2021, 59, 423-430.	0.4	6
274	Effervescent floating matrix tablets of a novel anti-cancer drug neratinib for breast cancer treatment. Journal of Drug Delivery Science and Technology, 2021, 66, 102788.	1.4	6
275	Cholesterol-Rich Nanoemulsions (LDE) for Drug Targeting of Cholesteryl-Succinyl- 5-Fluorouracil Conjugate. Current Nanoscience, 2014, 10, 287-291.	0.7	6
276	Comparative bioavailability study of cefixime (equivalent to 100 mg/5 ml) suspension (Winex vs Suprax) in healthy male volunteers. International Journal of Clinical Pharmacology and Therapeutics, 2005, 43, 499-504.	0.3	6
277	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
278	Product Development Studies of Cranberry Seed Oil Nanoemulsion. Processes, 2022, 10, 393.	1.3	6
279	Removal of alizarin red from aqueous solution by ethyl acetate green nanoemulsions. Water Science and Technology, 2014, 70, 1569-1574.	1.2	5
280	Solubility and solvation behavior of Nâ€²-(1-(N-(methyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (benzylaminomethyl)-2-oxoindolin Journal of Molecular Liquids, 2016, 221, 1225-1230.	2.3	5
281	Design, characterization and evaluation of oral fast dissolving polymeric films of isradipine inclusion complex. Polymer Bulletin, 2019, 76, 2453-2469.	1.7	5
282	Solubility Data of the Bioactive Compound Piperine in (Transcutol + Water) Mixtures: Computational Modeling, Hansen Solubility Parameters and Mixing Thermodynamic Parameters. Molecules, 2020, 25, 2743.	1.7	5
283	Colored Polymeric Nanofiber Loaded with Minoxidil Sulphate as Beauty Coverage and Restoring Hair Loss. Scientific Reports, 2020, 10, 4084.	1.6	5
284	Solubility and thermodynamic analysis of vinpocetine in various mono solvents at different temperatures. Journal of Thermal Analysis and Calorimetry, 0, , 1.	2.0	5
285	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
286	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
287	Comparative bioavailability study of doxycycline hyclate (equivalent to 100 mg doxycycline) capsules (doxycin vs vibramycin) for bioequivalence evaluation in healthy adult volunteers. International Journal of Clinical Pharmacology and Therapeutics, 2004, 42, 373-377.	0.3	5
288	Solubility of Cinnarizine in (Transcutol + Water) Mixtures: Determination, Hansen Solubility Parameters, Correlation, and Thermodynamics. Molecules, 2021, 26, 7052.	1.7	5

#	Article	IF	Citations
289	Thermodynamic Solubility Profile of Temozolomide in Different Commonly Used Pharmaceutical Solvents. Molecules, 2022, 27, 1437.	1.7	5
290	Formulation and inÂvitro and inÂvivo evaluation of surfactant-stabilized mucoadhesive nanogels for vaginal delivery of fluconazole. Drug Development and Industrial Pharmacy, 2021, 47, 1935-1942.	0.9	5
291	Antioxidant status of atorvastatin in hypercholesterolemic patients. Journal of the Serbian Chemical Society, 2009, 74, 1063-1073.	0.4	4
292	Development and validation of UHPLC-DAD method for the determination of cholesteryl-hexahydrophthaloyl-5-fluorouracil in lipid nanoemulsion. Journal of Analytical Chemistry, 2015, 70, 593-599.	0.4	4
293	Solubility and thermodynamics of 6-phenyl-4,5-dihydropyridazin-3 (2H)-one in various neat solvents at different temperatures. Journal of Molecular Liquids, 2017, 238, 455-461.	2.3	4
294	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
295	Spectrophotometric and spectrodensitometric quantification of a new antiviral combination. Journal of Planar Chromatography - Modern TLC, 2020, 33, 79-87.	0.6	4
296	Capsule Independent Antimicrobial Activity Induced by Nanochitosan against Streptococcus pneumoniae. Polymers, 2021, 13, 2924.	2.0	4
297	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
298	Effect of sub-inhibitory concentrations of cefepime on biofilm formation by Pseudomonas aeruginosa. Canadian Journal of Microbiology, 2021, 67, 894-901.	0.8	4
299	A Greener HPTLC Approach for the Determination of Î²-Carotene in Traditional and Ultrasound-Based Extracts of Different Fractions of Daucus carota (L.), Ipomea batatas (L.), and Commercial Formulation. Agronomy, 2021, 11, 2443.	1.3	4
300	Modulatinn Intestinal Uptake of Atenolol Usinn Niosomes as Drun Permeation Enhancers. Scientia Pharmaceutica, 2005, 73, 81-93.	0.7	3
301	Nanoemulsion as Carrier for Stability Enhancement of Ramipril. Journal of Dispersion Science and Technology, 2010, 31, 975-979.	1.3	3
302	Potential of Green Nanoemulsions in Removal of Congo Red from Aqueous Solution. Separation Science and Technology, 2014, 49, 2568-2573.	1.3	3
303	Effect of two different delivery systems of honey on the healing of oral ulcer in an animal model. Journal of Food Science and Technology, 2020, 57, 4211-4219.	1.4	3
304	High-performance thin-layer chromatographic determination of trigonelline content in various extracts and different varieties of some commercial coffees available in the Saudi Arabian market. Journal of Planar Chromatography - Modern TLC, 2020, 33, 43-50.	0.6	3
305	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
306	Thermodynamics and solubilization behavior of (2Z)-N-cyclohexyl-2-(3-hydroxybenzylidine) hydrazine carbothioamide in polyethylene glycol-400+water mixtures at (298.15 to 338.15)K. Thermochimica Acta, 2015, 599, 52-56.	1.2	2

#	Article	IF	Citations
307	Removal of methyl orange from aqueous solution by EA/Triton-X100/EG/water green nanoemulsions. Desalination and Water Treatment, 2016, 57, 747-753.	1.0	2
308	An Overview of the Regulatory and Developmental Strategies of Chronotherapeutics. Therapeutic Innovation and Regulatory Science, 2016, 50, 450-454.	0.8	2
309	Determination of Trans-Anethole in Essential Oil, Methanolic Extract and Commercial Formulations of Foeniculum vulgare Mill Using a Green RP-HPTLC-Densitometry Method. Separations, 2020, 7, 51.	1.1	2
310	Solubility Determination, Hansen Solubility Parameters and Thermodynamic Evaluation of Thymoquinone in (Isopropanol + Water) Compositions. Molecules, 2021, 26, 3195.	1.7	2
311	Stabilityâ€indicating reversedâ€phase/normalâ€phase highâ€performance thinâ€layer chromatography technique for the determination of arbidol: Green analytical chemistry viewpoint. Journal of the Chinese Chemical Society, 2021, 68, 1709-1721.	0.8	2
312	Recent Advances in Liposomal Drug Delivery System for Drug Targeting. Current Drug Delivery, 2020, 17, 824-825.	0.8	2
313	Impact of Mixed Nonionic Surfactants on Self-Nanoemulsification Efficiency of Sefsol-218 in Glibenclamide Nanoemulsion. Current Nanoscience, 2013, 9, 723-729.	0.7	2
314	Quantification of glycyrrhizin in anti-stress herbal formulations by validate HPTLC method: a rational paradigm towards quality control of herbals. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 353-7.	0.2	2
315	Bioanalytical approaches, bioavailability assessment, and bioequivalence study for waiver drugs: In vivo and in vitro perspective. Clinical Research and Regulatory Affairs, 2010, 27, 32-41.	2.1	1
316	Solubilization, Hansen solubility parameters, and thermodynamic studies of delafloxacin in (transcutol + 1-butyl-3-methyl imidazolium hexafluorophosphate) mixtures. Drug Development and Industrial Pharmacy, 2021, 47, 654-662.	0.9	1
317	A rapid and highly sensitive stability-indicating high-performance thin-layer chromatography technique for the determination of tedizolid phosphate with a classical univariate calibration. Journal of Planar Chromatography - Modern TLC, 2021, 34, 271-278.	0.6	1
318	Solubility determination, computational modeling, Hansen solubility parameters and apparent thermodynamic analysis of brigatinib in (ethanol + water) mixtures. Zeitschrift Fur Physikalische Chemie, 2021, 235, 961-975.	1.4	1
319	Solubilization, Hansen solubility parameters and apparent thermodynamic parameters of Osimertinib in (propylene glycolÂ+Âwater) cosolvent mixtures. Zeitschrift Fur Physikalische Chemie, 2021, 235, 977-992.	1.4	1
320	A Greener Stability-Indicating High-Performance Thin-Layer Chromatography Approach for the Estimation of Topiramate. Materials, 2022, 15, 1731.	1.3	1
321	Tricyclodecan-9-yl-Xanthogenate (D609): Mechanism of Action and Pharmacological Applications. International Journal of Molecular Sciences, 2022, 23, 3305.	1.8	1
322	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
323	Determination of Gefitinib Using Routine and Greener Stability-Indicating HPTLC Methods: A Comparative Evaluation of Validation Parameters. Processes, 2022, 10, 762.	1.3	1
324	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

#	Article	IF	Citations
325	Metabolite profile and elemental determination of camel follicular fluid by GCâ€“MS and ICP-MS. Tropical Animal Health and Production, 2019, 51, 2447-2454.	0.5	0
326	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
327	Preparation and investigation of acetyl salicylic acid-caffeine complex for rectal administration. Pharmaceutical Development and Technology, 2009, 00, 090730043407028-9.	1.1	0
328	New targeted-colon delivery system:in vitroandin vivoevaluation using X-ray imaging. Journal of Drug Targeting, 2009, 00, 090805023035049-8.	2.1	0
329	UPLC-MS/MS-Based Analysis of Trastuzumab in Plasma Samples: Application in Breast Cancer Patients Sample Monitoring. Processes, 2022, 10, 509.	1.3	0
330	Solubility of tadalafil in aqueous mixtures of TranscutolÂ® and PEG 400 revisited: correlation, thermodynamics and preferential solvation. Physics and Chemistry of Liquids, 0, , 1-17.	0.4	0
331	Simultaneous Estimation of Rhein and Aloe-Emodin in Traditional and Ultrasound-Based Extracts of Rheum palmatum L. (Rhubarb) Using Sustainable Reverse-Phase and Conventional Normal-Phase HPTLC Methods. Agronomy, 2022, 12, 1295.	1.3	0