

# Ibrahim A Alsarra

## List of Publications by Citations

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314 papers	7,212 citations	40 h-index	68 g-index
342 ext. papers	8,499 ext. citations	4.3 avg, IF	6.5 L-index

#	Paper	IF	Citations
3 <sup>14</sup>	Development and bioavailability assessment of ramipril nanoemulsion formulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2007</b> , 66, 227-43	5.7	467
3 <sup>13</sup>	Modification of theophylline release with alginate gel formed in hard capsules. <i>AAPS PharmSciTech</i> , <b>2007</b> , 8, E51	3.9	221
3 <sup>12</sup>	A review on the strategies for oral delivery of proteins and peptides and their clinical perspectives. <i>Saudi Pharmaceutical Journal</i> , <b>2016</b> , 24, 413-28	4.4	195
3 <sup>11</sup>	Nanoemulsions as vehicles for transdermal delivery of aceclofenac. <i>AAPS PharmSciTech</i> , <b>2007</b> , 8, 191	3.9	168
3 <sup>10</sup>	Design, development and evaluation of novel nanoemulsion formulations for transdermal potential of celecoxib. <i>Acta Pharmaceutica</i> , <b>2007</b> , 57, 315-32	3.2	165
3 <sup>09</sup>	Transdermal delivery of anticancer drug caffeine from water-in-oil nanoemulsions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2010</b> , 75, 356-62	6	152
3 <sup>08</sup>	Proniosomes as a drug carrier for transdermal delivery of ketorolac. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2005</b> , 59, 485-90	5.7	146
3 <sup>07</sup>	Chitosan topical gel formulation in the management of burn wounds. <i>International Journal of Biological Macromolecules</i> , <b>2009</b> , 45, 16-21	7.9	142
3 <sup>06</sup>	Formulation development and optimization using nanoemulsion technique: a technical note. <i>AAPS PharmSciTech</i> , <b>2007</b> , 8, Article 28	3.9	132
3 <sup>05</sup>	Optimization of 5-fluorouracil solid-lipid nanoparticles: a preliminary study to treat colon cancer. <i>International Journal of Medical Sciences</i> , <b>2010</b> , 7, 398-408	3.7	122
3 <sup>04</sup>	An in vitro evaluation of a chitosan-containing multiparticulate system for macromolecule delivery to the colon. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 239, 197-205	6.5	116
3 <sup>03</sup>	Biopharmaceutical applications of nanogold. <i>Saudi Pharmaceutical Journal</i> , <b>2010</b> , 18, 179-93	4.4	93
3 <sup>02</sup>	Skin permeation mechanism and bioavailability enhancement of celecoxib from transdermally applied nanoemulsion. <i>Journal of Nanobiotechnology</i> , <b>2008</b> , 6, 8	9.4	85
3 <sup>01</sup>	Ultra fine super self-nanoemulsifying drug delivery system (SNEDDS) enhanced solubility and dissolution of indomethacin. <i>Journal of Molecular Liquids</i> , <b>2013</b> , 180, 89-94	6	76
3 <sup>00</sup>	Nanoemulsions as potential vehicles for transdermal and dermal delivery of hydrophobic compounds: an overview. <i>Expert Opinion on Drug Delivery</i> , <b>2012</b> , 9, 953-74	8	72
299	Design and Development of Oral Oil in Water Ramipril Nanoemulsion Formulation: In Vitro and In Vivo Assessment. <i>Journal of Biomedical Nanotechnology</i> , <b>2007</b> , 3, 28-44	4	70
298	Enhanced antibacterial effects of clove essential oil by nanoemulsion. <i>Journal of Oleo Science</i> , <b>2014</b> , 63, 347-54	1.6	69

297	Molecular weight and degree of deacetylation effects on lipase-loaded chitosan bead characteristics. <i>Biomaterials</i> , <b>2002</b> , 23, 3637-44	15.6	67
296	Celecoxib nanoemulsion: skin permeation mechanism and bioavailability assessment. <i>Journal of Drug Targeting</i> , <b>2008</b> , 16, 733-40	5.4	66
295	Critical steps and energetics involved in a successful development of a stable nanoemulsion. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 214, 7-18	6	59
294	Solubility of Bioactive Compound Hesperidin in Six Pure Solvents at (298.15 to 333.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 2065-2069	2.8	58
293	Effects of preparative parameters on the properties of chitosan hydrogel beads containing Candida rugosa lipase. <i>Biomaterials</i> , <b>2004</b> , 25, 2645-55	15.6	58
292	Development and evaluation of PLGA polymer based nanoparticles of quercetin. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 92, 213-219	7.9	58
291	Micromatrical metronidazole benzoate film as a local mucoadhesive delivery system for treatment of periodontal diseases. <i>AAPS PharmSciTech</i> , <b>2007</b> , 8, E75	3.9	54
290	Mucoadhesive polymeric hydrogels for nasal delivery of acyclovir. <i>Drug Development and Industrial Pharmacy</i> , <b>2009</b> , 35, 352-62	3.6	51
289	Acyclovir liposomes for intranasal systemic delivery: development and pharmacokinetics evaluation. <i>Drug Delivery</i> , <b>2008</b> , 15, 313-21	7	50
288	Investigation of true nanoemulsions for transdermal potential of indomethacin: characterization, rheological characteristics, and ex vivo skin permeation studies. <i>Journal of Drug Targeting</i> , <b>2009</b> , 17, 435-44	5.4	49
287	Solubility prediction of indomethacin in PEG 400+water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , <b>2013</b> , 188, 28-32	6	48
286	Solubilization Behavior of Paracetamol in Transcutol/Water Mixtures at (298.15 to 333.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 3551-3556	2.8	47
285	Solubility determination and three dimensional Hansen solubility parameters of gefitinib in different organic solvents: Experimental and computational approaches. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 299, 112211	6	47
284	Solubility and thermodynamic function of vanillin in ten different environmentally benign solvents. <i>Food Chemistry</i> , <b>2015</b> , 180, 244-248	8.5	46
283	The use of spray-drying to enhance celecoxib solubility. <i>Drug Development and Industrial Pharmacy</i> , <b>2011</b> , 37, 1463-72	3.6	45
282	Oral bioavailability enhancement and hepatoprotective effects of thymoquinone by self-nanoemulsifying drug delivery system. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 319-329	8.3	44
281	Thermodynamics of the solubility of reserpine in {{2-(2-ethoxyethoxy)ethanol + water}} mixed solvent systems at different temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 85, 57-60	2.9	44
280	Solubility and thermodynamic analysis of sinapic acid in various neat solvents at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 222, 167-171	6	43

- 279 Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. *Life Sciences*, **2016**, 165, 1-8 6.8 41
- 278 Wound healing effects of nanoemulsion containing clove essential oil. *Artificial Cells, Nanomedicine and Biotechnology*, **2017**, 45, 591-597 6.1 40
- 277 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 7.9 40
- 276 Solubility and thermodynamic behavior of vanillin in propane-1,2-diol+water cosolvent mixtures at different temperatures. *Food Chemistry*, **2015**, 188, 57-61 8.5 40
- 275 Double w/o/w nanoemulsion of 5-fluorouracil for self-nanoemulsifying drug delivery system. *Journal of Molecular Liquids*, **2014**, 200, 183-190 6 40
- 274 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 6 39
- 273 Solubility of antipsychotic drug risperidone in Transcutol + water co-solvent mixtures at 298.15 to 333.15 K. *Journal of Molecular Liquids*, **2014**, 191, 68-72 6 38
- 272 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 6 37
- 271 Nasal delivery of donepezil HCl-loaded hydrogels for the treatment of Alzheimer's disease. *Scientific Reports*, **2019**, 9, 9563 4.9 37
- 270 Water soluble binary and ternary complexes of diosmin with  $\beta$ -cyclodextrin: Spectroscopic characterization, release studies and anti-oxidant activity. *Journal of Molecular Liquids*, **2014**, 199, 35-41 6 37
- 269 Comparative topical delivery of antifungal drug croconazole using liposome and micro-emulsion-based gel formulations. *Drug Delivery*, **2014**, 21, 34-43 7 37
- 268 Validated liquid chromatographic determination of 5-fluorouracil in human plasma. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 804, 435-9 3.2 36
- 267 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 2.9 36
- 266 Anticancer Efficacy of Self-Nanoemulsifying Drug Delivery System of Sunitinib Malate. *AAPS PharmSciTech*, **2018**, 19, 123-133 3.9 34
- 265 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 2.8 34
- 264 Chemical composition and antimicrobial, antioxidant, and anti-inflammatory activities of seed oil. *Saudi Journal of Biological Sciences*, **2019**, 26, 1089-1092 4 34
- 263 Polymeric solid self-nanoemulsifying drug delivery system of glibenclamide using coffee husk as a low cost biosorbent. *Powder Technology*, **2014**, 256, 352-360 5.2 33
- 262 Bioavailability enhancement and pharmacokinetic profile of an anticancer drug ibrutinib by self-nanoemulsifying drug delivery system. *Journal of Pharmacy and Pharmacology*, **2016**, 68, 772-80 4.8 32

261	Transdermal and Topical Delivery of Anti-inflammatory Agents Using Nanoemulsion/Microemulsion: An Updated Review. <i>Current Nanoscience</i> , <b>2010</b> , 6, 184-198	1.4	31
260	Nanoemulsions as vehicles for transdermal delivery of aceclofenac. <i>AAPS PharmSciTech</i> , <b>2007</b> , 8, E104	3.9	31
259	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , <b>2020</b> , 5, 6461-6471	3.9	31
258	Solubility, molecular interactions and mixing thermodynamic properties of piperine in various pure solvents at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 250, 63-70	6	31
257	Solubility and thermodynamic parameters of a novel anti-cancer drug (DHP-5) in polyethylene glycol 400 + water mixtures. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 229, 241-245	6	30
256	Thermodynamics of solubility of isatin in (PEG 400+water) mixed solvent systems at T=(298.15 to 338.15)K. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 82, 156-160	2.9	30
255	Improvement of Albendazole Dissolution by Preparing Microparticles Using Spray-Drying Technique. <i>Scientia Pharmaceutica</i> , <b>2007</b> , 75, 63-79	4.3	30
254	Solubility determination, various solubility parameters and solution thermodynamics of sunitinib malate in some cosolvents, water and various (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 307, 112970	6	29
253	Solubility, thermodynamic properties and solute-solvent molecular interactions of luteolin in various pure solvents. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 255, 43-50	6	29
252	Nanoemulsion: a promising tool for solubility and dissolution enhancement of celecoxib. <i>Pharmaceutical Development and Technology</i> , <b>2010</b> , 15, 53-6	3.4	29
251	Preparation and characterization of spironolactone-loaded gelucire microparticles using spray-drying technique. <i>Drug Development and Industrial Pharmacy</i> , <b>2009</b> , 35, 297-304	3.6	29
250	Solidified SNEDDS for the oral delivery of rifampicin: Evaluation, proof of concept, in vivo kinetics, and in silico GastroPlus simulation. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 566, 203-217	6.5	28
249	Chemoprevention of skin cancer using low HLB surfactant nanoemulsion of 5-fluorouracil: a preliminary study. <i>Drug Delivery</i> , <b>2015</b> , 22, 573-80	7	28
248	Ecofriendly densitometric RP-HPTLC method for determination of rivaroxaban in nanoparticle formulations using green solvents.. <i>RSC Advances</i> , <b>2020</b> , 10, 2133-2140	3.7	28
247	Solubility and dissolution thermodynamics of sinapic acid in (DMSO + water) binary solvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 225, 833-839	6	28
246	Microwave irradiation-assisted synthesis of a novel crown ether crosslinked chitosan as a chelating agent for heavy metal ions (M(+n)). <i>Molecules</i> , <b>2010</b> , 15, 6257-68	4.8	28
245	Influence of cyclodextrin complexation with NSAIDs on NSAID/cold stress-induced gastric ulceration in rats. <i>International Journal of Medical Sciences</i> , <b>2010</b> , 7, 232-9	3.7	28
244	Proniosomal transdermal therapeutic system of losartan potassium: development and pharmacokinetic evaluation. <i>Journal of Drug Targeting</i> , <b>2009</b> , 17, 442-9	5.4	28

243	Transdermal delivery of tadalafil. I. Effect of vehicles on skin permeation. <i>Drug Development and Industrial Pharmacy</i> , <b>2009</b> , 35, 329-36	3.6	28
242	Dissolution and bioavailability improvement of bioactive apigenin using solid dispersions prepared by different techniques. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 264-273	4.4	28
241	Solubility and thermodynamics of ferulic acid in different neat solvents: Measurement, correlation and molecular interactions. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 236, 144-150	6	27
240	Dissolution thermodynamics and solubility of silymarin in PEG 400-water mixtures at different temperatures. <i>Drug Development and Industrial Pharmacy</i> , <b>2015</b> , 41, 1819-23	3.6	27
239	Thermodynamics of solubility of isatin in Carbitol+water mixed solvent systems at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 207, 274-278	6	27
238	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> , <b>2020</b> , 15, 1073-1094	7.3	27
237	Solubility of a poorly soluble immunosuppressant in different pure solvents: Measurement, correlation, thermodynamics and molecular interactions. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 249, 53-60	6	27
236	Solubility and thermodynamic function of vitamin D3 in different mono solvents. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 229, 477-481	6	26
235	Wound Healing Study of Eucalyptus Essential Oil Containing Nanoemulsion in Rat Model. <i>Journal of Oleo Science</i> , <b>2018</b> , 67, 957-968	1.6	26
234	Measurement and correlation of solubility of bioactive compound silymarin in five different green solvents at 298.15 K to 333.15 K. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 195, 255-258	6	26
233	Enhanced stability of ramipril in nanoemulsion containing cremophor-EL: a technical note. <i>AAPS PharmSciTech</i> , <b>2008</b> , 9, 1097-101	3.9	26
232	Preparation, characterization, and antibacterial activity of diclofenac-loaded chitosan nanoparticles. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 82-87	4.4	26
231	Nanomedicines as Drug Delivery Carriers of Anti-Tubercular Drugs: From Pathogenesis to Infection Control. <i>Current Drug Delivery</i> , <b>2019</b> , 16, 400-429	3.2	25
230	Experimental and Computational Approaches for Solubility Measurement of Pyridazinone Derivative in Binary (DMSO + Water) Systems. <i>Molecules</i> , <b>2019</b> , 25,	4.8	25
229	Niosomes as transdermal drug delivery system for celecoxib: in vitro and in vivo studies. <i>Polymer Bulletin</i> , <b>2016</b> , 73, 1229-1245	2.4	25
228	BoxBehnken Statistical Design for Removal of Methylene Blue from Aqueous Solution Using Sodium Dodecyl Sulfate Self-microemulsifying Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 1179-1188	3.9	25
227	Potential Health Benefits and Metabolomics of Camel Milk by GC-MS and ICP-MS. <i>Biological Trace Element Research</i> , <b>2017</b> , 175, 322-330	4.5	24
226	Solubility and thermodynamic parameters of apigenin in different neat solvents at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 234, 73-80	6	24



225	Correlation of Solubility of Bioactive Compound Reserpine in Eight Green Solvents at (298.15 to 338.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 775-780	2.8	24
224	Solubility and thermodynamic function of a new anticancer drug ibrutinib in 2-(2-ethoxyethoxy)ethanol+water mixtures at different temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 89, 159-163	2.9	24
223	Transdermal delivery of meloxicam using niosomal hydrogels: in vitro and pharmacodynamic evaluation. <i>Pharmaceutical Development and Technology</i> , <b>2015</b> , 20, 820-826	3.4	24
222	Solubility and dissolution enhancement of tadalafil using self-nanoemulsifying drug delivery system. <i>Journal of Oleo Science</i> , <b>2014</b> , 63, 567-76	1.6	24
221	Validated high-performance liquid chromatographic technique for determination of 5-fluorouracil: applications to stability studies and simulated colonic media. <i>Journal of Chromatographic Science</i> , <b>2009</b> , 47, 558-63	1.4	24
220	Testosterone solid lipid microparticles for transdermal drug delivery. Formulation and physicochemical characterization. <i>Journal of Microencapsulation</i> , <b>2007</b> , 24, 457-75	3.4	24
219	Solubility and thermodynamics of apremilast in different mono solvents: Determination, correlation and molecular interactions. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 523, 410-417	6.5	23
218	Measurement and Correlation of Solubility of Olmesartan Medoxomil in Six Green Solvents at 295.15-30.15 K. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 2846-2849	3.9	23
217	Rheological and mucoadhesive characterization of poly(vinylpyrrolidone) hydrogels designed for nasal mucosal drug delivery. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 573-82	6.1	23
216	Evaluation of proniosomes as an alternative strategy to optimize piroxicam transdermal delivery. <i>Journal of Microencapsulation</i> , <b>2009</b> , 26, 272-8	3.4	23
215	A Combinatorial Statistical Design Approach to Optimize the Nanostructured Cubosomal Carrier System for Oral Delivery of Ubidecarenone for Management of Doxorubicin-Induced Cardiotoxicity: In Vitro-In Vivo Investigations. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 3050-3065	3.9	22
214	Solubility of N-(4-Chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide (Isoniazid Analogue) in Transcutol + Water Cosolvent Mixtures at (298.15 to 338.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 1727-1732	2.8	22
213	Applying green analytical chemistry for rapid analysis of drugs: Adding health to pharmaceutical industry. <i>Arabian Journal of Chemistry</i> , <b>2017</b> , 10, S777-S785	5.9	22
212	Biochemically altered human erythrocytes as a carrier for targeted delivery of primaquine: an in vitro study. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 563-71	6.1	22
211	Preparation and in vivo evaluation of indomethacin loaded true nanoemulsions. <i>Scientia Pharmaceutica</i> , <b>2010</b> , 78, 47-56	4.3	22
210	New targeted-colon delivery system: in vitro and in vivo evaluation using X-ray imaging. <i>Journal of Drug Targeting</i> , <b>2010</b> , 18, 59-66	5.4	22
209	Effect of sonophoresis and chemical enhancers on testosterone transdermal delivery from solid lipid microparticles: an in vitro study. <i>Current Drug Delivery</i> , <b>2008</b> , 5, 20-6	3.2	22
208	Chitosan Beads as a New Gastroretentive System of Verapamil. <i>Scientia Pharmaceutica</i> , <b>2006</b> , 74, 175-183	4.3	22

207	Voltammetric determination of montelukast sodium in dosage forms and human plasma. <i>Il Farmaco</i> , <b>2005</b> , 60, 563-7		22
206	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. <i>Microchemical Journal</i> , <b>2021</b> , 164, 105960	4.8	22
205	Solubility, solution thermodynamics and molecular interactions of osimertinib in some pharmaceutically useful solvents. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 284, 53-58	6	21
204	Carvone Schiff base of isoniazid as a novel antitumor agent: Nanoemulsion development and pharmacokinetic evaluation. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 203, 111-119	6	21
203	Stability and self-nanoemulsification efficiency of ramipril nanoemulsion containing labrasol and plulol oleique. <i>Clinical Research and Regulatory Affairs</i> , <b>2010</b> , 27, 7-12		21
202	Measurement and evaluation of the effects of pH gradients on the antimicrobial and antivirulence activities of chitosan nanoparticles in. <i>Saudi Pharmaceutical Journal</i> , <b>2018</b> , 26, 79-83	4.4	20
201	Antibacterial Activity of Chitosan Nanoparticles Against Pathogenic. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 7877-7887	7.3	20
200	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> , <b>2020</b> , 12,	6.4	20
199	Wound healing evaluation of self-nanoemulsifying drug delivery system containing essential oil. <i>3 Biotech</i> , <b>2019</b> , 9, 82	2.8	18
198	Thermodynamics of solubility of ibrutinib in ethanol + water cosolvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 209, 461-464	6	18
197	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> , <b>2020</b> , 27, 1625-1643	7	18
196	Metabolomic and elemental analysis of camel and bovine urine by GC-MS and ICP-MS. <i>Saudi Journal of Biological Sciences</i> , <b>2017</b> , 24, 23-29	4	17
195	Simple and Accurate HPTLC-Densitometric Method for Quantification of Delafloxacin (A Novel Fluoroquinolone Antibiotic) in Plasma Samples: Application to Pharmacokinetic Study in Rats. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	17
194	Development of Domperidone Solid Lipid Nanoparticles: In Vitro and In Vivo Characterization. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 1712-1719	3.9	17
193	Antioxidant and cytotoxic effects of vanillin via eucalyptus oil containing self-nanoemulsifying drug delivery system. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 233-239	6	17
192	Thermodynamics and solubility of tadalafil in diethylene glycol monoethyl ether+water co-solvent mixtures at (298.15 to 333.15) K. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 197, 334-338	6	17
191	Influence of the microwave technology on solid dispersions of mefenamic acid and flufenamic acid. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182011	3.7	17
190	Physical PEGylation Enhances The Cytotoxicity Of 5-Fluorouracil-Loaded PLGA And PCL Nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9259-9273	7.3	17



189	Solubility, solubility parameters and solution thermodynamics of thymoquinone in different mono solvents. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 272, 912-918	6	17
188	Solubility and thermodynamics of vanillin in Carbitol-water mixtures at different temperatures. <i>LWT - Food Science and Technology</i> , <b>2015</b> , 64, 1278-1282	5.4	16
187	Biological investigation of a supersaturated self-nanoemulsifying drug delivery system of Piper cubeba essential oil. <i>RSC Advances</i> , <b>2015</b> , 5, 105206-105217	3.7	16
186	Utilizing spray drying technique to improve oral bioavailability of apigenin. <i>Advanced Powder Technology</i> , <b>2018</b> , 29, 1676-1684	4.6	16
185	Solubility measurement, thermodynamics and molecular interactions of flufenamic acid in different neat solvents. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 447-453	6	16
184	Thermodynamics-based mathematical model for solubility prediction of glibenclamide in ethanol-water mixtures. <i>Pharmaceutical Development and Technology</i> , <b>2014</b> , 19, 702-7	3.4	16
183	Solution thermodynamics and solubility prediction of glibenclamide in Transcutol + water co-solvent mixtures at 298.15-333.15 K. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 746-51	6.1	16
182	Self-nanoemulsifying drug delivery system of sinapic acid: In vitro and in vivo evaluation. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 224, 351-358	6	16
181	Bacterial Ghosts Carrying 5-Fluorouracil: A Novel Biological Carrier for Targeting Colorectal Cancer. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 48	3.9	16
180	Synthesis, Characterization and Solubility Determination of 6-Phenyl-pyridazin-3(2)-one in Different Pharmaceutical Solvents. <i>Molecules</i> , <b>2019</b> , 24,	4.8	15
179	Evaluation of the bioavailability of hydrocortisone when prepared as solid dispersion. <i>Saudi Pharmaceutical Journal</i> , <b>2019</b> , 27, 629-636	4.4	15
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