

Abdul Ahad

List of Publications by Year in descending order

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108
papers

3,782
citations

116194

36
h-index

169272

56
g-index

110
all docs

110
docs citations

110
times ranked

4015
citing authors

#	ARTICLE	IF	CITATIONS
1	Ameliorative effect of rubiadin-loaded nanocarriers in STZ-NA-induced diabetic nephropathy in rats: formulation optimization, molecular docking, and in vivo biological evaluation. <i>Drug Delivery and Translational Research</i> , 2022, 12, 615-628.	3.0	9
2	Sinapic acid ameliorates cardiac dysfunction and cardiomyopathy by modulating NF- κ B and Nrf2/HO-1 signaling pathways in streptozocin induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112412.	2.5	27
3	Thermodynamic Solubility Profile of Temozolomide in Different Commonly Used Pharmaceutical Solvents. <i>Molecules</i> , 2022, 27, 1437.	1.7	5
4	Formulation and evaluation of embelin loaded nanoliposomes: Optimization, in vitro and ex vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103414.	1.4	5
5	Formulation and characterization of eprosartan mesylate and β -cyclodextrin inclusion complex prepared by microwave technology. <i>Drug Delivery</i> , 2022, 29, 1512-1522.	2.5	6
6	Cytochrome P450 3A2 and PGP-MDR1-Mediated Pharmacokinetic Interaction of Sinapic Acid with Ibrutinib in Rats: Potential Food/Herb-Drug Interaction. <i>Processes</i> , 2022, 10, 1066.	1.3	1
7	Effect of <i>C. cyminum</i> and <i>L. sativum</i> on Pharmacokinetics and Pharmacodynamics of Antidiabetic Drug Gliclazide. <i>Current Drug Metabolism</i> , 2022, 23, .	0.7	0
8	Sinapic Acid Ameliorates Acetic Acid-Induced Ulcerative Colitis in Rats by Suppressing Inflammation, Oxidative Stress, and Apoptosis. <i>Molecules</i> , 2022, 27, 4139.	1.7	19
9	Delivery of Insulin via Skin Route for the Management of Diabetes Mellitus: Approaches for Breaching the Obstacles. <i>Pharmaceutics</i> , 2021, 13, 100.	2.0	31
10	Gastroprotective Effect of Sinapic Acid on Ethanol-Induced Gastric Ulcers in Rats: Involvement of Nrf2/HO-1 and NF- κ B Signaling and Antiapoptotic Role. <i>Frontiers in Pharmacology</i> , 2021, 12, 622815.	1.6	52
11	Optimization of valencene containing lipid vesicles for boosting the transungual delivery of itraconazole. <i>3 Biotech</i> , 2021, 11, 137.	1.1	10
12	Application of central composite design for the optimization of itraconazole loaded nail lacquer formulation. <i>3 Biotech</i> , 2021, 11, 324.	1.1	5
13	Assessment of glibenclamide pharmacokinetics in poloxamer 407-induced hyperlipidemic rats. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 719-723.	1.2	3
14	Effect of <i>Hibiscus sabdariffa</i> and <i>Zingiber officinale</i> on pharmacokinetics and pharmacodynamics of amlodipine. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1151-1160.	1.2	8
15	Effects of garden cress, fenugreek and black seed on the pharmacodynamics of metoprolol: an herb-drug interaction study in rats with hypertension. <i>Pharmaceutical Biology</i> , 2021, 59, 1086-1095.	1.3	6
16	Eudragit-Coated Sporopollenin Exine Microcapsules (SEMC) of <i>Phoenix dactylifera</i> L. of 5-Fluorouracil for Colon-Specific Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1921.	2.0	10
17	Herb-drug interaction: pharmacokinetics and pharmacodynamics of anti-hypertensive drug amlodipine besylate in presence of <i>Lepidium sativum</i> and <i>Curcuma longa</i> . <i>Xenobiotica</i> , 2021, , 1-9.	0.5	3
18	Host-guest complex of β -cyclodextrin and pluronic F127 with Luteolin: Physicochemical characterization, anti-oxidant activity and molecular modeling studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101356.	1.4	24

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19	Tailoring of berberine loaded transiosomes for the management of skin cancer in mice. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102051.	1.4	16
20	Sinapic Acid Ameliorates Oxidative Stress, Inflammation, and Apoptosis in Acute Doxorubicin-Induced Cardiotoxicity via the NF- κ B-Mediated Pathway. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	42
21	Potential pharmacodynamic and pharmacokinetic interactions of <i>Nigella Sativa</i> and <i>Trigonella Foenum-graecum</i> with losartan in L-NAME induced hypertensive rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2544-2550.	1.8	10
22	Liposome-based drug delivery of various anticancer agents of synthetic and natural product origin: a patent overview. <i>Pharmaceutical Patent Analyst</i> , 2020, 9, 87-116.	0.4	9
23	Effect of <i>Hibiscus sabdariffa</i> and <i>Zingiber officinale</i> on the antihypertensive activity and pharmacokinetic of losartan in hypertensive rats. <i>Xenobiotica</i> , 2020, 50, 847-857.	0.5	13
24	Thymoquinone treatment modulates the Nrf2/HO-1 signaling pathway and abrogates the inflammatory response in an animal model of lung fibrosis. <i>Experimental Lung Research</i> , 2020, 46, 53-63.	0.5	30
25	Preparation and optimization of fisetin loaded glycerol based soft nanovesicles by Box-Behnken design. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119125.	2.6	36
26	Effect of <i>Nigella sativa</i> and Fenugreek on the Pharmacokinetics and Pharmacodynamics of Amlodipine in Hypertensive Rats. <i>Current Drug Metabolism</i> , 2020, 21, 318-325.	0.7	11
27	Analytical Quality by Design (AQbD) Approach Based HPTLC Method for Quantification of Fisetin with Superior Recovery in Formulations. <i>Current Analytical Chemistry</i> , 2020, 16, 149-157.	0.6	2
28	Effect of sinapic acid on aripiprazole pharmacokinetics in rats: Possible food drug interaction. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 332-338.	0.9	10
29	Preparation, optimization and biological evaluation of gymnemic acid loaded niosomes against streptozotocin-nicotinamide induced diabetic-nephropathy in Wistar rats. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101328.	1.4	12
30	Thymoquinone loaded dermal lipid nano particles: Box Behnken design optimization to preclinical psoriasis assessment. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 713-721.	1.4	22
31	Improved bioavailability of raloxifene hydrochloride using limonene containing transdermal nano-sized vesicles. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 468-476.	1.4	26
32	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1073-1078.	0.9	30
33	Effects of sinapic acid on hepatic cytochrome P450 3A2, 2C11, and intestinal P-glycoprotein on the pharmacokinetics of oral carbamazepine in rats: Potential food/herb-drug interaction. <i>Epilepsy Research</i> , 2019, 153, 14-18.	0.8	13
34	Beetroot juice alleviates isoproterenol-induced myocardial damage by reducing oxidative stress, inflammation, and apoptosis in rats. <i>3 Biotech</i> , 2019, 9, 147.	1.1	31
35	Fisetin loaded binary ethosomes for management of skin cancer by dermal application on UV exposed mice. <i>International Journal of Pharmaceutics</i> , 2019, 560, 78-91.	2.6	66
36	Optimization of ethosomes for topical thymoquinone delivery for the treatment of skin acne. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 177-187.	1.4	65

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37	Lamotrigine encapsulated intra-nasal nanoliposome formulation for epilepsy treatment: Formulation design, characterization and nasal toxicity study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 553-562.	2.5	45
38	Ganoderic acid -loaded solid lipid nanoparticles ameliorate d-galactosamine induced hepatotoxicity in Wistar rats. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 48-56.	1.4	11
39	Inhibition of cytochrome P450 enzymes by thymoquinone in human liver microsomes. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 673-677.	1.2	23
40	Formulation and optimization of nanostructured lipid carriers to enhance oral bioavailability of telmisartan using Boxâ€œBehnken design. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 431-439.	1.4	44
41	Development and biological evaluation of vesicles containing bile salt of telmisartan for the treatment of diabetic nephropathy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 532-539.	1.9	16
42	Solubility determination of raloxifene hydrochloride in ten pure solvents at various temperatures: Thermodynamics-based analysis and soluteâ€œsolvent interactions. <i>International Journal of Pharmaceutics</i> , 2018, 544, 165-171.	2.6	23
43	Formulation and characterization of Phospholipon 90â€œ%G and tween 80 based transfersomes for transdermal delivery of eprosartan mesylate. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 787-793.	1.1	59
44	Ibuprofen loaded nano-ethanolic liposomes carbopol gel system: <i>in vitro</i> characterization and anti-inflammatory efficacy assessment in Wistar rats. <i>Journal of Polymer Engineering</i> , 2018, 38, 291-298.	0.6	13
45	Eprosartan mesylate loaded bilosomes as potential nano-carriers against diabetic nephropathy in streptozotocin-induced diabetic rats. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 409-417.	1.9	53
46	Embelin-loaded oral niosomes ameliorate streptozotocin-induced diabetes in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1514-1520.	2.5	40
47	Formulation and Evaluation of Neuroactive Drug Loaded Chitosan Nanoparticle for Nose to Brain Delivery: In-vitro Characterization and In-vivo Behavior Study. <i>Current Drug Delivery</i> , 2018, 16, 123-135.	0.8	23
48	Solubility, solubility parameters and solution thermodynamics of thymoquinone in different mono solvents. <i>Journal of Molecular Liquids</i> , 2018, 272, 912-918.	2.3	29
49	Sinapic acid ameliorates bleomycin-induced lung fibrosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 224-231.	2.5	43
50	Application of Lipid Blend-Based Nanoparticulate Scaffold for Oral Delivery of Antihypertensive Drug: Implication on Process Variables and In Vivo Absorption Assessment. <i>Journal of Pharmaceutical Innovation</i> , 2018, 13, 341-352.	1.1	9
51	Temozolomide loaded nano lipid based chitosan hydrogel for nose to brain delivery: Characterization, nasal absorption, histopathology and cell line study. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1260-1267.	3.6	69
52	Development of transthesomes formulation for dermal fisetin delivery: Boxâ€œBehnken design, optimization, <i>in vitro</i> skin penetration, vesiclesâ€œskin interaction and dermatokinetic studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 755-765.	1.9	88
53	Ursolic acid loaded intra nasal nano lipid vesicles for brain tumour: Formulation, optimization, in-vivo brain/plasma distribution study and histopathological assessment. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1578-1585.	2.5	24
54	Effect of Naltrexone Hydrochloride on Cytochrome P450 1A2, 2C9, 2D6, and 3A4 Activity in Human Liver Microsomes. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 707-713.	0.6	9

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55	Inhibitory effects of <i>Lepidium sativum</i> polysaccharide extracts on TNF- α production in <i>Escherichia coli</i> -stimulated mouse. <i>3 Biotech</i> , 2018, 8, 286.	1.1	9
56	Sorbitane Monostearate and Cholesterol based Niosomes for Oral Delivery of Telmisartan. <i>Current Drug Delivery</i> , 2018, 15, 260-266.	0.8	33
57	Invasomes of isradipine for enhanced transdermal delivery against hypertension: formulation, characterization, and <i>in vivo</i> pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 139-145.	1.9	61
58	The Ameliorated Pharmacokinetics of VP-16 in Wistar Rats: A Possible Role of P-Glycoprotein Inhibition by Pharmaceutical Excipients. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 191-199.	0.6	8
59	Optimization of nanostructured lipid carriers for topical delivery of nimesulide using Box-Behnken design approach. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 617-624.	1.9	60
60	Formulation by design based risperidone nano soft lipid vesicle as a new strategy for enhanced transdermal drug delivery: In-vitro characterization, and in-vivo appraisal. <i>Materials Science and Engineering C</i> , 2017, 75, 1198-1205.	3.8	69
61	Pharmacodynamic study of eprosartan mesylate-loaded transfersomes Carbopol [®] gel under Dermaroller [®] on rats with methyl prednisolone acetate-induced hypertension. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 177-184.	2.5	67
62	Formulation and characterization of novel soft nanovesicles for enhanced transdermal delivery of eprosartan mesylate. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1040-1046.	1.2	78
63	Effects of <i>Paeonia emodi</i> on hepatic cytochrome P450 (CYP3A2 and CYP2C11) expression and pharmacokinetics of carbamazepine in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 694-698.	2.5	13
64	Solubility and Thermodynamic Analysis of Antihypertensive Agent Nitrendipine in Different Pure Solvents at the Temperature Range of 298.15 to 318.15 K . <i>AAPS PharmSciTech</i> , 2017, 18, 2737-2743.	1.5	12
65	Nano vesicular lipid carriers of angiotensin II receptor blocker: Anti-hypertensive and skin toxicity study in focus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1-6.	1.9	22
66	Application of Box-Behnken design for preparation of glibenclamide loaded lipid based nanoparticles: Optimization, in vitro skin permeation, drug release and in vivo pharmacokinetic study. <i>Journal of Molecular Liquids</i> , 2016, 219, 897-908.	2.3	40
67	Brain Targeting of Temozolomide via the Intranasal Route Using Lipid-Based Nanoparticles: Brain Pharmacokinetic and Scintigraphic Analyses. <i>Molecular Pharmaceutics</i> , 2016, 13, 3773-3782.	2.3	110
68	Formulation and optimization of niosomes for topical diacerein delivery using 3-factor, 3-level Box-Behnken design for the management of psoriasis. <i>Materials Science and Engineering C</i> , 2016, 69, 789-797.	3.8	99
69	Transdermal delivery of angiotensin II receptor blockers (ARBs), angiotensin-converting enzyme inhibitors (ACEIs) and others for management of hypertension. <i>Drug Delivery</i> , 2016, 23, 579-590.	2.5	29
70	The ameliorated longevity and pharmacokinetics of valsartan released from a gel system of ultradeformable vesicles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1457-1463.	1.9	28
71	Carvedilol nano lipid carriers: formulation, characterization and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 1486-1494.	2.5	43
72	Design, formulation and optimization of novel soft nano-carriers for transdermal olmesartan medoxomil delivery: In vitro characterization and in vivo pharmacokinetic assessment. <i>International Journal of Pharmaceutics</i> , 2016, 505, 147-158.	2.6	74

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73	Application of Boxâ€œBehnken design for preparation of levofloxacin-loaded stearic acid solid lipid nanoparticles for ocular delivery: Optimization, in vitro release, ocular tolerance, and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 258-270.	3.6	130
74	Development of clove oil based nanoemulsion of olmesartan for transdermal delivery: Boxâ€œBehnken design optimization and pharmacokinetic evaluation. <i>Journal of Molecular Liquids</i> , 2016, 214, 238-248.	2.3	51
75	The application of anethole, menthone, and eugenol in transdermal penetration of valsartan: Enhancement and mechanistic investigation. <i>Pharmaceutical Biology</i> , 2016, 54, 1042-1051.	1.3	37
76	Validation of a Rapid and Sensitive HPLC-UV Method for the Quantification of Eprosartan Mesylate in Bulk Drug, Teventen TM and Ultradefomable Lipid Based Vesicular System. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 208-213.	0.3	3
77	Pharmacokinetic interaction of Acacia catechu with CYP1A substrate theophylline in rabbits. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2015, 35, 588-593.	0.4	7
78	Effects of fenugreek, garden cress, and black seed on theophylline pharmacokinetics in beagle dogs. <i>Pharmaceutical Biology</i> , 2015, 53, 296-300.	1.3	14
79	Enhanced delivery of diclofenac diethylamine loaded Eudragit RL 100 [®] transdermal system against inflammation. <i>Journal of Polymer Engineering</i> , 2015, 35, 699-708.	0.6	3
80	Transdermal delivery of antidiabetic drugs: formulation and delivery strategies. <i>Drug Discovery Today</i> , 2015, 20, 1217-1227.	3.2	33
81	Potential of a novel self nanoemulsifying carrier system to overcome P-glycoprotein mediated efflux of etoposide: In ^{vitro} and ex ^{vivo} investigations. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 28, 18-27.	1.4	12
82	A Simple HPLCâ€œUV Method for the Quantification of Theophylline in Rabbit Plasma and its Pharmacokinetic Application. <i>Journal of Chromatographic Science</i> , 2015, 53, 1765-1770.	0.7	11
83	Investigating the Potential Effect of Commiphora myrrha on the Pharmacokinetics of Theophylline, a Narrow Therapeutic Index Drug. <i>Drug Research</i> , 2015, 65, 312-316.	0.7	2
84	Impact of Herbal Medicines like Nigella sativa, Trigonella foenum-graecum, and Ferula asafoetida, on Cytochrome P450 2C11 Gene Expression in Rat Liver. <i>Drug Research</i> , 2015, 65, 366-372.	0.7	14
85	Systemic delivery of β -blockers via transdermal route for hypertension. <i>Saudi Pharmaceutical Journal</i> , 2015, 23, 587-602.	1.2	40
86	Effects of Nigella sativa, Lepidium sativum and Trigonella foenum-graecum on sildenafil disposition in beagle dogs. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2015, 40, 219-224.	0.6	14
87	Validated UPLC-MS Method for Pharmacokinetic Investigations of Cyclosporine-A in Blood. <i>Current Pharmaceutical Analysis</i> , 2015, 11, 210-215.	0.3	7
88	Investigation of antihypertensive activity of carbopol valsartan transdermal gel containing 1,8-cineole. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 144-149.	3.6	68
89	Design, formulation and optimization of valsartan transdermal gel containing iso-eucalyptol as novel permeation enhancer: preclinical assessment of pharmacokinetics in Wistar albino rats. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1149-1162.	2.4	49
90	Enhanced anti-inflammatory activity of carbopol loaded meloxicam nanoethosomes gel. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 99-104.	3.6	70

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91	Investigating the potential of essential oils as penetration enhancer for transdermal losartan delivery: Effectiveness and mechanism of action. Asian Journal of Pharmaceutical Sciences, 2014, 9, 260-267.	4.3	30
92	Pharmacokinetic interaction studies of fenugreek with CYP3A substrates cyclosporine and carbamazepine. European Journal of Drug Metabolism and Pharmacokinetics, 2014, 39, 147-153.	0.6	12
93	Enhanced transdermal delivery of an anti-hypertensive agent via nanoethosomes: Statistical optimization, characterization and pharmacokinetic assessment. International Journal of Pharmaceutics, 2013, 443, 26-38.	2.6	104
94	Transdermal delivery of calcium channel blockers for hypertension. Expert Opinion on Drug Delivery, 2013, 10, 1137-1153.	2.4	25
95	Effects of <i>Nigella sativa</i> and <i>Lepidium sativum</i> on Cyclosporine Pharmacokinetics. BioMed Research International, 2013, 2013, 1-6.	0.9	21
96	A validated RP-HPLC method for simultaneous determination of propranolol and valsartan in bulk drug and gel formulation. Journal of Pharmacy and Bioallied Sciences, 2013, 5, 61.	0.2	26
97	Formulation and optimization of nanotransfersomes using experimental design technique for accentuated transdermal delivery of valsartan. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 237-249.	1.7	146
98	The emerging role of P-glycoprotein inhibitors in drug delivery: a patent review. Expert Opinion on Therapeutic Patents, 2011, 21, 561-576.	2.4	111
99	Interactions between Novel Terpenes and Main Components of Rat and Human Skin: Mechanistic View for Transdermal Delivery of Propranolol Hydrochloride. Current Drug Delivery, 2011, 8, 213-224.	0.8	55
100	Role of novel terpenes in transcutaneous permeation of valsartan: effectiveness and mechanism of action. Drug Development and Industrial Pharmacy, 2011, 37, 583-596.	0.9	66
101	Chemical permeation enhancers for transbuccal drug delivery. Expert Opinion on Drug Delivery, 2010, 7, 97-112.	2.4	79
102	Transdermal drug delivery of labetalol hydrochloride: Feasibility and effect of penetration enhancers. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 321.	0.2	16
103	Chemical penetration enhancers: a patent review. Expert Opinion on Therapeutic Patents, 2009, 19, 969-988.	2.4	85
104	Book Review. Drug Development and Industrial Pharmacy, 2008, 34, 618-626.	0.9	38
105	Basil Oil is a Promising Skin Penetration Enhancer for Transdermal Delivery of Labetolol Hydrochloride. Drug Development and Industrial Pharmacy, 2008, 34, 384-389.	0.9	48
106	Status of terpenes as skin penetration enhancers. Drug Discovery Today, 2007, 12, 1061-1067.	3.2	196
107	Solubility and thermodynamic analysis of vinpocetine in various mono solvents at different temperatures. Journal of Thermal Analysis and Calorimetry, 0, , 1.	2.0	5
108	Nanostructured lipid carrier for transdermal gliclazide delivery: development and optimization by Box-Behnken design. Inorganic and Nano-Metal Chemistry, 0, , 1-14.	0.9	9