Mohammad raish

List of Publications by Year in descending order

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115 2,985 31 47
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115 115 115 3896
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#	Article	IF	CITATIONS
1	Sinapic acid ameliorates cardiac dysfunction and cardiomyopathy by modulating NF-κB and Nrf2/HO-1 signaling pathways in streptozocin induced diabetic rats. Biomedicine and Pharmacotherapy, 2022, 145, 112412.	5.6	27
2	Thermodynamic Solubility Profile of Temozolomide in Different Commonly Used Pharmaceutical Solvents. Molecules, 2022, 27, 1437.	3.8	5
3	Thymoquinone modulates the expression of sepsis‑related microRNAs in a CLP model. Experimental and Therapeutic Medicine, 2022, 23, 395.	1.8	4
4	Formulation and characterization of eprosartan mesylate and \hat{l}^2 -cyclodextrin inclusion complex prepared by microwave technology. Drug Delivery, 2022, 29, 1512-1522.	5.7	6
5	Cytochrome P450 3A2 and PGP-MDR1-Mediated Pharmacokinetic Interaction of Sinapic Acid with Ibrutinib in Rats: Potential Food/Herb–Drug Interaction. Processes, 2022, 10, 1066.	2.8	1
6	Sinapic Acid Ameliorates Acetic Acid-Induced Ulcerative Colitis in Rats by Suppressing Inflammation, Oxidative Stress, and Apoptosis. Molecules, 2022, 27, 4139.	3.8	19
7	An In Silico Investigation to Explore Anti-Cancer Potential of Foeniculum vulgare Mill. Phytoconstituents for the Management of Human Breast Cancer. Molecules, 2022, 27, 4077.	3.8	16
8	Delivery of Insulin via Skin Route for the Management of Diabetes Mellitus: Approaches for Breaching the Obstacles. Pharmaceutics, 2021, 13, 100.	4.5	31
9	Gastroprotective Effect of Sinapic Acid on Ethanol-Induced Gastric Ulcers in Rats: Involvement of Nrf2/HO-1 and NF-κB Signaling and Antiapoptotic Role. Frontiers in Pharmacology, 2021, 12, 622815.	3 . 5	52
10	Sinapic acid ameliorates D-galactosamine/lipopolysaccharide-induced fulminant hepatitis in rats: Role of nuclear factor erythroid-related factor 2/heme oxygenase-1 pathways. World Journal of Gastroenterology, 2021, 27, 592-608.	3.3	15
11	Sinapic acid mitigates methotrexateâ€induced hepatic injuries in rats through modulation of Nrfâ€2/ HO â€1 signaling. Environmental Toxicology, 2021, 36, 1261-1268.	4.0	10
12	Role of Oxidative Stress and Inflammatory Cytokines (TNF-α and IL-6) in Acetic Acid-Induced Ulcerative Colitis in Rats: Ameliorated by Otostegia fruticosa. Life, 2021, 11, 195.	2.4	17
13	The potential role of thymoquinone in preventing the cardiovascular complications of COVID-19. Vascular Pharmacology, 2021, 141, 106899.	2.1	7
14	In vitro and in vivo biological assessment of dual drug-loaded coaxial nanofibers for the treatment of corneal abrasion. International Journal of Pharmaceutics, 2021, 604, 120732.	5.2	18
15	Assessment of glibenclamide pharmacokinetics in poloxamer 407-induced hyperlipidemic rats. Saudi Pharmaceutical Journal, 2021, 29, 719-723.	2.7	3
16	Effect of Hibiscus sabdariffa and Zingiber officinale on pharmacokinetics and pharmacodynamics of amlodipine. Journal of Pharmacy and Pharmacology, 2021, 73, 1151-1160.	2.4	8
17	Effects of garden cress, fenugreek and black seed on the pharmacodynamics of metoprolol: an herb-drug interaction study in rats with hypertension. Pharmaceutical Biology, 2021, 59, 1086-1095.	2.9	6
18	Clopidogrel-herb Interactions: A Pharmacokinetic and Pharmacodynamic Assessment in a Rat Model. Current Drug Metabolism, 2021, 22, 969-977.	1.2	1

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19	Eudragit-Coated Sporopollenin Exine Microcapsules (SEMC) of Phoenix dactylifera L. of 5-Fluorouracil for Colon-Specific Drug Delivery. Pharmaceutics, 2021, 13, 1921.	4.5	10
20	Herb–drug interaction: pharmacokinetics and pharmacodynamics of anti-hypertensive drug amlodipine besylate in presence of <i>Lepidium sativum </i> and <i>Curcuma longa </i> Xenobiotica, 2021, , 1-9.	1.1	3
21	A Sensitive Rapid and Environmentally Friendly UHPLC Assay Method for the Determination of Thymoquinone in Plasma Samples and Its Analytical Application. Journal of Chromatographic Science, 2020, 58, 629-635.	1.4	4
22	Zingerone [4-(3-Methoxy-4-hydroxyphenyl)-butan-2] Attenuates Lipopolysaccharide-Induced Inflammation and Protects Rats from Sepsis Associated Multi Organ Damage. Molecules, 2020, 25, 5127.	3.8	14
23	Effect of compromised liver function and acute kidney injury on the pharmacokinetics of thymoquinone in a rat model. Xenobiotica, 2020, 50, 858-862.	1.1	7
24	Sinapic Acid Ameliorates Oxidative Stress, Inflammation, and Apoptosis in Acute Doxorubicin-Induced Cardiotoxicity via the NF- $\langle i \rangle$ $\hat{l}^2 < i \rangle$ B-Mediated Pathway. BioMed Research International, 2020, 2020, 1-10.	1.9	42
25	Potential pharmacodynamic and pharmacokinetic interactions of Nigella Sativa and Trigonella Foenum-graecum with losartan in L-NAME induced hypertensive rats. Saudi Journal of Biological Sciences, 2020, 27, 2544-2550.	3.8	10
26	Effect of Hibiscus sabdariffa and Zingiber officinale on the antihypertensive activity and pharmacokinetic of losartan in hypertensive rats. Xenobiotica, 2020, 50, 847-857.	1.1	13
27	Thymoquinone treatment modulates the Nrf2/HO-1 signaling pathway and abrogates the inflammatory response in an animal model of lung fibrosis. Experimental Lung Research, 2020, 46, 53-63.	1.2	30
28	Gender effect on the pharmacokinetics of thymoquinone: Preclinical investigation and in silico modeling in male and female rats. Saudi Pharmaceutical Journal, 2020, 28, 403-408.	2.7	8
29	Effect of Nigella sativa and Fenugreek on the Pharmacokinetics and Pharmacodynamics of Amlodipine in Hypertensive Rats. Current Drug Metabolism, 2020, 21, 318-325.	1.2	11
30	Therapeutic Potential of Rhododendron arboreum Polysaccharides in an Animal Model of Lipopolysaccharide-Inflicted Oxidative Stress and Systemic Inflammation. Molecules, 2020, 25, 6045.	3.8	9
31	Effect of sinapic acid on aripiprazole pharmacokinetics in rats: Possible food drug interaction. Journal of Food and Drug Analysis, 2019, 27, 332-338.	1.9	10
32	Treatment of endotoxin-induced uveitis by topical application of cyclosporine a-loaded PolyGelâ,, in rabbit eyes. International Journal of Pharmaceutics, 2019, 569, 118573.	5.2	19
33	Cisplatin bioconjugated enzymatic GNPs amplify the effect of cisplatin with acquiescence. Scientific Reports, 2019, 9, 13826.	3.3	36
34	A Validated Ultra-Performance Liquid Chromatography Tandem Triple Quadrupole Mass Spectrometric Method for Fast Determination of Losartan in Rabbit Plasma. Journal of Chromatographic Science, 2019, 57, 323-330.	1.4	5
35	Evaluation of Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) for Poorly Water-Soluble Talinolol: Preparation, in vitro and in vivo Assessment. Frontiers in Pharmacology, 2019, 10, 459.	3.5	84
36	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. Drug Development and Industrial Pharmacy, 2019, 45, 1073-1078.	2.0	30

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37	Variability in Catechin and Rutin Contents and Their Antioxidant Potential in Diverse Apple Genotypes. Molecules, 2019, 24, 943.	3.8	20
38	Evaluation of the in vivo genotoxicity of liposomal formulation for delivering anticancer estrogenic derivative (ESC8) in a mouse model. Saudi Pharmaceutical Journal, 2019, 27, 637-642.	2.7	1
39	Levocarnitine Improves AlCl3-Induced Spatial Working Memory Impairment in Swiss albino Mice. Frontiers in Neuroscience, 2019, 13, 278.	2.8	19
40	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. Epilepsy Research, 2019, 153, 14-18.	1.6	13
41	Beetroot juice alleviates isoproterenol-induced myocardial damage by reducing oxidative stress, inflammation, and apoptosis in rats. 3 Biotech, 2019, 9, 147.	2.2	31
42	Dasatinib significantly reduced in vivo exposure to cyclosporine in a rat model: The possible involvement of CYP3A induction. Pharmacological Reports, 2019, 71, 201-205.	3.3	7
43	Employing a PLGA-TPGS based nanoparticle to improve the ocular delivery of Acyclovir. Saudi Pharmaceutical Journal, 2019, 27, 293-302.	2.7	44
44	Thymoquinone reduces mortality and suppresses early acute inflammatory markers of sepsis in a mouse model. Biomedicine and Pharmacotherapy, 2018, 98, 801-805.	5.6	32
45	Development and biological evaluation of vesicles containing bile salt of telmisartan for the treatment of diabetic nephropathy. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 532-539.	2.8	16
46	Momordica charantia polysaccharides ameliorate oxidative stress, inflammation, and apoptosis in ethanol-induced gastritis in mucosa through NF-kB signaling pathway inhibition. International Journal of Biological Macromolecules, 2018, 111, 193-199.	7. 5	109
47	Solubility determination of raloxifene hydrochloride in ten pure solvents at various temperatures: Thermodynamics-based analysis and solute–solvent interactions. International Journal of Pharmaceutics, 2018, 544, 165-171.	5.2	23
48	Formulation and characterization of Phospholipon 90 G and tween 80 based transfersomes for transdermal delivery of eprosartan mesylate. Pharmaceutical Development and Technology, 2018, 23, 787-793.	2.4	59
49	Eprosartan mesylate loaded bilosomes as potential nano-carriers against diabetic nephropathy in streptozotocin-induced diabetic rats. European Journal of Pharmaceutical Sciences, 2018, 111, 409-417.	4.0	53
50	Biogenic pentagonal silver nanoparticles for safer and more effective antibacterial therapeutics. International Journal of Nanomedicine, 2018, Volume 13, 7789-7799.	6.7	10
51	Solubility, solubility parameters and solution thermodynamics of thymoquinone in different mono solvents. Journal of Molecular Liquids, 2018, 272, 912-918.	4.9	29
52	Sinapic acid ameliorates bleomycin-induced lung fibrosis in rats. Biomedicine and Pharmacotherapy, 2018, 108, 224-231.	5.6	43
53	Antioxidant and Antimutagenic Activities of Different Fractions from the Leaves of Rhododendron arboreum Sm. and Their GC-MS Profiling. Molecules, 2018, 23, 2239.	3.8	18
54	Indole Derivatives as Cyclooxygenase Inhibitors: Synthesis, Biological Evaluation and Docking Studies. Molecules, 2018, 23, 1250.	3.8	30

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55	Inhibitory effects of Lepidium sativum polysaccharide extracts on TNF-α production in Escherichia coli-stimulated mouse. 3 Biotech, 2018, 8, 286.	2.2	9
56	Sorbitane Monostearate and Cholesterol based Niosomes for Oral Delivery of Telmisartan. Current Drug Delivery, 2018, 15, 260-266.	1.6	33
57	Meta-analysis reveals no correlation of caveolin-1 G14713A (G>A) gene polymorphism with increased cancer risk in Taiwanese population. International Journal of Health Sciences, 2018, 12, 3-9.	0.4	2
58	Metabolomic and elemental analysis of camel and bovine urine by GC–MS and ICP–MS. Saudi Journal of Biological Sciences, 2017, 24, 23-29.	3.8	31
59	Potential Health Benefits and Metabolomics of Camel Milk by GC-MS and ICP-MS. Biological Trace Element Research, 2017, 175, 322-330.	3.5	36
60	Wound healing effects of nanoemulsion containing clove essential oil. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 591-597.	2.8	74
61	Development and validation of bioanalytical UHPLC-UV method for simultaneous analysis of unchanged fenofibrate and its metabolite fenofibric acid in rat plasma: Application to pharmacokinetics. Saudi Pharmaceutical Journal, 2017, 25, 128-135.	2.7	7
62	Momordica charantia polysaccharides ameliorate oxidative stress, hyperlipidemia, inflammation, and apoptosis during myocardial infarction by inhibiting the NF-κB signaling pathway. International Journal of Biological Macromolecules, 2017, 97, 544-551.	7.5	98
63	Sinapic acid ameliorate cadmium-induced nephrotoxicity: In vivo possible involvement of oxidative stress, apoptosis, and inflammation via NF-κB downregulation. Environmental Toxicology and Pharmacology, 2017, 51, 100-107.	4.0	81
64	Pharmacodynamic study of eprosartan mesylate-loaded transfersomes Carbopol® gel under Dermaroller® on rats with methyl prednisolone acetate-induced hypertension. Biomedicine and Pharmacotherapy, 2017, 89, 177-184.	5.6	67
65	Formulation and characterization of novel soft nanovesicles for enhanced transdermal delivery of eprosartan mesylate. Saudi Pharmaceutical Journal, 2017, 25, 1040-1046.	2.7	78
66	Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (RORγt) signaling in a BTBR T + ltpr3 tf $ J $ mouse model of autism. Cellular Signalling, 2017, 36, 14-24.	3.6	53
67	Effects of Paeonia emodi on hepatic cytochrome P450 (CYP3A2 and CYP2C11) expression and pharmacokinetics of carbamazepine in rats. Biomedicine and Pharmacotherapy, 2017, 90, 694-698.	5.6	13
68	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf \parallel mice. Molecular and Cellular Neurosciences, 2017, 82, 76-87.	2.2	32
69	The synergic effect of HPV infection and epigenetic anomaly of the p16 gene in the development of cervical cancer. Cancer Biomarkers, 2017, 19, 375-381.	1.7	6

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73	Nepeta deflersiana attenuates isoproterenol-induced myocardial injuries in rats: Possible involvement of oxidative stress, apoptosis, inflammation through nuclear factor (NF)-κB downregulation. Phytomedicine, 2017, 34, 67-75.	5.3	25
74	Metabolomics and Trace Element Analysis of Camel Tear by GC-MS and ICP-MS. Biological Trace Element Research, 2017, 177, 251-257.	3.5	13
75	GC-MS-based Metabolomic Profiling of Thymoquinone in Streptozotocin-induced Diabetic Nephropathy in Rats. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	6
76	Humoral and cellular immune responses to modified hepatitis B plasmid DNA vaccine in mice. Tropical Journal of Pharmaceutical Research, 2016, 15, 687.	0.3	0
77	Development of self-nanoemulsifying drug delivery systems for the enhancement of solubility and oral bioavailability of fenofibrate, a poorly water-soluble drug. International Journal of Nanomedicine, 2016, 11, 2829.	6.7	35
78	Differential Effects of Sunitinib on the Expression Profiles of Xenobioticâ€Metabolizing Enzymes and Transporters in Rat Liver and Kidneys. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 173-183.	2.5	7
79	Solubility and thermodynamic analysis of sinapic acid in various neat solvents at different temperatures. Journal of Molecular Liquids, 2016, 222, 167-171.	4.9	51
80	Hepatoprotective activity of Lepidium sativum seeds against D-galactosamine/lipopolysaccharide induced hepatotoxicity in animal model. BMC Complementary and Alternative Medicine, 2016, 16, 501.	3.7	45
81	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. Life Sciences, 2016, 165, 1-8.	4.3	65
82	Momordica charantia polysaccharides mitigate the progression of STZ induced diabetic nephropathy in rats. International Journal of Biological Macromolecules, 2016, 91, 394-399.	7.5	71
83	â€^Ajwa' dates (Phoenix dactylifera L.) extract ameliorates isoproterenol-induced cardiomyopathy through downregulation of oxidative, inflammatory and apoptotic molecules in rodent model. Phytomedicine, 2016, 23, 1240-1248.	5.3	65
84	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.	3.5	10
85	A Validated UPLC–MS-MS Assay for the Rapid Determination of Lorcaserin in Plasma and Brain Tissue Samples. Journal of Analytical Toxicology, 2016, 40, 133-139.	2.8	6
86	Preclinical pharmacokinetics, tissue distribution and excretion studies of a novel anti-candidal agent-thiosemicarbazide derivative of isoniazid (TSC-INH) by validated UPLC–MS/MS assay. Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 109-117.	2.8	8
87	Assessment of antinociceptive, antipyretic and antimicrobial activity of Piper cubeba L. essential oil in animal models. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 671-7.	0.2	1
88	Evaluation of the Effectiveness of <i>Piper cubeba </i> Extract in the Amelioration of CCl < sub>4 -Induced Liver Injuries and Oxidative Damage in the Rodent Model. BioMed Research International, 2015, 2015, 1-11.	1.9	23
89	Effects of Thymoquinone on the Pharmacokinetics and Pharmacodynamics of Glibenclamide in a Rat Model. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	14
90	Pharmacokinetic interaction of Acacia catechu with CYP1A substrate theophylline in rabbits. 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, 2015, 35, 588-593.	0.4	7

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91	Pharmacokinetic and in vitro cytotoxic evaluation of cholesterol-rich nanoemulsion of cholesteryl-succinyl-5-fluorouracil. Journal of Molecular Liquids, 2015, 211, 164-168.	4.9	17
92	Hepatoprotective effect of <i>Commiphora myrrha </i> against <scp>d </scp> -GalN/LPS-induced hepatic injury in a rat model through attenuation of pro inflammatory cytokines and related genes. Pharmaceutical Biology, 2015, 53, 1759-1767.	2.9	25
93	Thymoquinone modulates nitric oxide production and improves organ dysfunction of sepsis. Life Sciences, 2015, 143, 131-138.	4.3	24
94	A Simple HPLC–UV Method for the Quantification of Theophylline in Rabbit Plasma and its Pharmacokinetic Application. Journal of Chromatographic Science, 2015, 53, 1765-1770.	1.4	11
95	Investigating the Potential Effect of Commiphora myrrha on the Pharmacokinetics of Theophylline, a Narrow Therapeutic Index Drug. Drug Research, 2015, 65, 312-316.	1.7	2
96	Impact of Herbal Medicines like Nigella sativa, Trigonella foenum-graecum, and Ferula asafoetida, on Cytochrome P450 2C11 Gene Expression in Rat Liver. Drug Research, 2015, 65, 366-372.	1.7	14
97	Biological investigation of a supersaturated self-nanoemulsifying drug delivery system of Piper cubeba essential oil. RSC Advances, 2015, 5, 105206-105217.	3.6	22
98	Application of Box–Behnken design for ultrasonic-assisted extraction of polysaccharides from Paeonia emodi. International Journal of Biological Macromolecules, 2015, 72, 990-997.	7.5	85
99	Systemic delivery of \hat{I}^2 -blockers via transdermal route for hypertension. Saudi Pharmaceutical Journal, 2015, 23, 587-602.	2.7	40
100	Validated UPLC-MS Method for Pharmacokinetic Investigations of Cyclosporine-A in Blood. Current Pharmaceutical Analysis, 2015, 11, 210-215.	0.6	7
101	Effects of Thymoquinone on the Pharmacokinetics and Pharmacodynamics of Glibenclamide in a Rat Model. Natural Product Communications, 2015, 10, 1395-8.	0.5	11
102	Beetroot (<i>Beta vulgaris</i> L.) Extract Ameliorates Gentamicin-Induced Nephrotoxicity Associated Oxidative Stress, Inflammation, and Apoptosis in Rodent Model. Mediators of Inflammation, 2014, 2014, 1-12.	3.0	100
103	Simple and Rapid Determination of Zafirlukast in Plasma by Ultra-performance Liquid Chromatography Tandem Mass Spectrometric Method: Application into Pharmacokinetic Study in Rabbits. Drug Research, 2014, 64, 412-419.	1.7	2
104	Enhanced anti-inflammatory activity of carbopol loaded meloxicam nanoethosomes gel. International Journal of Biological Macromolecules, 2014, 67, 99-104.	7. 5	70
105	Pharmacokinetic interaction studies of fenugreek with CYP3A substrates cyclosporine and carbamazepine. European Journal of Drug Metabolism and Pharmacokinetics, 2014, 39, 147-153.	1.6	12
106	Effects of <i> Nigella sativa < /i > and <i> Lepidium sativum < /i > on Cyclosporine Pharmacokinetics. BioMed Research International, 2013, 2013, 1-6.</i></i>	1.9	21
107	Analysis of molecular cytogenetic alterations in uterine leiomyosarcoma by array-based comparative genomic hybridization. Journal of Cancer Research and Clinical Oncology, 2012, 138, 1173-1186.	2.5	45
108	Detection and relevance of germline genetic polymorphisms in glutathione S-transferases (GSTs) in breast cancer patients from northern Indian population. Breast Cancer Research and Treatment, 2009, 115, 537-543.	2.5	36

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109	Promoter Hypermethylation in Tumor Suppressing Genes p16 and FHIT and Their Relations Estrogen Receptor Status in Breast Cancer Patients from Northern India. Translational Oncology, 2009, 2, 264-270.	3.7	17
110	Analysis of the SRY gene in two sex-reversed XY sisters identifies two new novel point mutations in the high mobility group box domain. Fertility and Sterility, 2008, 90, 1199.e1-1199.e8.	1.0	15
111	Specific 5′CpG Island Methylation Signatures of <i>FHIT</i> and <i>p16</i> Genes and Their Potential Diagnostic Relevance in Indian Breast Cancer Patients. DNA and Cell Biology, 2008, 27, 517-525.	1.9	9
112	Implication of BRCA2 -26G>A 5' untranslated region polymorphism in susceptibility to sporadic breast cancer and its modulation by p53codon 72 Arg>Pro polymorphism. Breast Cancer Research, 2007, 9, R71.	5.0	52
113	Virological course of hepatitis A virus as determined by real time RT-PCR: Correlation with biochemical, immunological and genotypic profiles. World Journal of Gastroenterology, 2006, 12, 4683.	3.3	17
114	Evaluation of immunogenicity and reactogenicity of recombinant DNA hepatitis B vaccine produced in India. World Journal of Gastroenterology, 2005, $11,7165$.	3.3	16
115	Solubility and thermodynamic analysis of vinpocetine in various mono solvents at different temperatures. Journal of Thermal Analysis and Calorimetry, 0 , 1 .	3.6	5