

Nasir Ali Siddiqui

List of Publications by Year in descending order

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88
papers

1,150
citations

430874

18
h-index

526287

27
g-index

88
all docs

88
docs citations

88
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility and thermodynamic function of vanillin in ten different environmentally benign solvents. Food Chemistry, 2015, 180, 244-248.	8.2	60
2	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.	2.0	52
3	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.	2.0	49
4	Single Step Fabrication of Chitosan Nanocrystals Using <i>Penaeus semisulcatus</i> : Potential as New Insecticides, Antimicrobials and Plant Growth Promoters. Journal of Cluster Science, 2018, 29, 375-384.	3.3	46
5	Solubility and thermodynamic behavior of vanillin in propane-1,2-diol + water cosolvent mixtures at different temperatures. Food Chemistry, 2015, 188, 57-61.	8.2	41
6	Solubility and thermodynamics of ferulic acid in different neat solvents: Measurement, correlation and molecular interactions. Journal of Molecular Liquids, 2017, 236, 144-150.	4.9	41
7	Biosynthesized silver nanoparticles using <i>Caulerpa taxifolia</i> against A549 lung cancer cell line through cytotoxicity effect/morphological damage. Saudi Journal of Biological Sciences, 2020, 27, 3421-3427.	3.8	31
8	A comprehensive review on Brigatinib â€œ A wonder drug for targeted cancer therapy in non-small cell lung cancer. Saudi Pharmaceutical Journal, 2018, 26, 755-763.	2.7	30
9	Stability issues and approaches to stabilised nanoparticles based drug delivery system. Journal of Drug Targeting, 2020, 28, 468-486.	4.4	29
10	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.	1.9	28
11	Comparative study of antioxidant activity and validated RP-HPTLC analysis of rutin in the leaves of different Acacia species grown in Saudi Arabia. Saudi Pharmaceutical Journal, 2017, 25, 715-723.	2.7	25
12	Anticancer activity and concurrent analysis of ursolic acid, Î²-sitosterol and lupeol in three different Hibiscus species (aerial parts) by validated HPTLC method. Saudi Pharmaceutical Journal, 2018, 26, 1060-1067.	2.7	25
13	Antioxidant and cytotoxic effects of vanillin via eucalyptus oil containing self-nanoemulsifying drug delivery system. Journal of Molecular Liquids, 2016, 218, 233-239.	4.9	23
14	Antidiabetic, antioxidant, molecular docking and HPTLC analysis of miquelianin isolated from <i>Euphorbia schimperi</i> C. Presl. Saudi Pharmaceutical Journal, 2019, 27, 655-663.	2.7	23
15	Stability-indicating densitometric high-performance thin-layer chromatographic method for the quantitative analysis of biomarker naringin in the leaves and stems of <i>Rumex vesicarius</i> L.. Journal of Planar Chromatography - Modern TLC, 2014, 27, 204-209.	1.2	21
16	Ameliorative effect of methanol extract of <i>Rumex vesicarius</i> on CCl ₄ -induced liver damage in Wistar albino rats. Pharmaceutical Biology, 2015, 53, 1163-1167.	2.9	21
17	Prevalence and Use of Dietary Supplements Among Pharmacy Students in Saudi Arabia. Risk Management and Healthcare Policy, 2020, Volume 13, 1523-1531.	2.5	21
18	Simultaneous Quantification of Biomarkers Bergenin and Menisdaurin in the Methanol Extract of Aerial Parts of <i>Flueggea virosa</i> by Validated HPTLC Densitometric Method. Journal of Chromatographic Science, 2015, 53, 824-829.	1.4	20

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19	Prevalence of Anxiety and Associated Factors among Pharmacy Students in Saudi Arabia: a Cross-Sectional Study. <i>BioMed Research International</i> , 2020, 2020, 1-6.	1.9	20
20	Solubility and thermodynamics of vanillin in Carbitol-water mixtures at different temperatures. <i>LWT - Food Science and Technology</i> , 2015, 64, 1278-1282.	5.2	19
21	Eco-friendly and cost-effective Ag nanocrystals fabricated using the leaf extract of <i>Habenaria plantaginea</i> : toxicity on six mosquito vectors and four non-target species. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10317-10327.	5.3	19
22	Attitudes and Associated Demographic Factors Contributing towards the Abuse of Illicit Drugs: A Cross-Sectional Study from Health Care Students in Saudi Arabia. <i>Medicina (Lithuania)</i> , 2022, 58, 322.	2.0	19
23	PI3K-AKT Pathway Modulation by Thymoquinone Limits Tumor Growth and Glycolytic Metabolism in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2305.	4.1	18
24	Thermodynamic solubility and solvation behavior of ferulic acid in different (PEG-400 + water) binary solvent mixtures. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1468-1476.	2.0	17
25	Box-Behnken Design (BBD)-Based Optimization of Microwave-Assisted Extraction of Parthenolide from the Stems of <i>Tarconanthus camphoratus</i> and Cytotoxic Analysis. <i>Molecules</i> , 2021, 26, 1876.	3.8	17
26	Comparative anticancer and antimicrobial activity of aerial parts of <i>Acacia salicina</i> , <i>Acacia laeta</i> , <i>Acacia hamulosa</i> and <i>Acacia tortilis</i> grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1248-1252.	2.7	15
27	Solubility and molecular interactions of ferulic acid in various (isopropanol + water) mixtures. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1485-1494.	2.4	15
28	Interspecies Anticancer and Antimicrobial Activities of Genus <i>Solanum</i> and Estimation of Rutin by Validated UPLC-PDA Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-13.	1.2	15
29	Antioxidant potential of <i>Rumex vesicarius</i> L.: in vitro approach. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 538-544.	1.2	14
30	Betulinic acid lowers lipid accumulation in adipocytes through enhanced NCoA1-PPAR γ 3 interaction. <i>Journal of Infection and Public Health</i> , 2019, 12, 726-732.	4.1	14
31	Prevalence and Practice of Unused and Expired Medicines: A Community-Based Study among Saudi Adults in Riyadh, Saudi Arabia. <i>BioMed Research International</i> , 2020, 2020, 1-5.	1.9	14
32	Neuropharmacological Profile of Extracts of Aerial Parts of <i>Convolvulus pluricaulis</i> Choisy in Mice Model. <i>The Open Neurology Journal</i> , 2011, 8, 11-14.	0.4	14
33	Solubility and thermodynamic function of bergenin in different (DMSO + water) mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2016, 220, 823-828.	4.9	13
34	Anti-diabetic Effect of <i>Boerhavia diffusa</i> L. Root Extract via Free Radical Scavenging and Antioxidant Mechanism. <i>Toxicology and Environmental Health Sciences</i> , 2018, 10, 220-227.	2.1	13
35	A novel monocyclic triterpenoid and a norsesquaterpenol from the aerial parts of <i>Suaeda monoica</i> Forssk. ex J.F. Gmel with cell proliferative potential. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1005-1010.	2.7	12
36	Concurrent analysis of bioactive triterpenes oleanolic acid and Î ² -amyrin in antioxidant active fractions of <i>Hibiscus calyphyllus</i> , <i>Hibiscus deflersii</i> and <i>Hibiscus micranthus</i> grown in Saudi Arabia by applying validated HPTLC method. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 266-273.	2.7	12

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37	Chemotherapeutic Potential of <i>Carthamus Oxycantha</i> Root Extract as Antidiarrheal and In Vitro Antibacterial Activities. <i>Antibiotics</i> , 2020, 9, 226.	3.7	12
38	Synthetic lethality on drug discovery: an update on cancer therapy. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 823-832.	5.0	12
39	Comparative extraction and simple isolation improvement techniques of active constituentsâ€™ momilactone A and B from rice husks of <i>Oryza sativa</i> by HPLC analysis and column chromatography. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 17-24.	2.7	11
40	Pharmacological Evaluation of Secondary Metabolites and Their Simultaneous Determination in the Arabian Medicinal Plant <i>Plicosepalus curviflorus</i> Using HPTLC Validated Method. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-8.	1.6	11
41	Design, Synthesis, Molecular Modelling, and Biological Evaluation of Oleanolic Acid-Arylidene Derivatives as Potential Anti-Inflammatory Agents. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 385-397.	4.3	11
42	Phytochemical screening and anti-oxidant activity of <i>Sargassum wightii</i> enhances the anti-bacterial activity against <i>Pseudomonas aeruginosa</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1763-1769.	3.8	11
43	Physicochemical and phytochemical standardization with HPTLC fingerprinting of <i>Nigella sativa</i> L. seeds. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 1175-82.	0.2	11
44	Assessment of the knowledge beliefs and associated factors among Saudi adults towards blood donation in Saudi Arabia. <i>Hematology</i> , 2022, 27, 412-419.	1.5	11
45	Inter-species comparative antioxidant assay and HPTLC analysis of sakuranetin in the chloroform and ethanol extracts of aerial parts of <i>Rhus retinorrhoea</i> and <i>Rhus tripartita</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 1450-1457.	2.9	10
46	Optimization of ultrasound-assisted parthenolide extraction from <i>Tarhonanthus camphoratus</i> leaves using response surface methodology: HPTLC and cytotoxicity analysis. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103194.	4.9	10
47	A stability-indicating assay of biomarker bergenin in the aerial parts of <i>Flueggea virosa</i> by a validated high-performance thin-layer chromatographic-densitometric method. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 54-60.	1.2	10
48	Simultaneous separation of antihyperlipidemic drugs by green ultrahigh-performance liquid chromatographyâ€™diode array detector method: Improving the health of liquid chromatography. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 430-437.	1.9	9
49	New Ursane Glycoside from the Roots of <i>Asparagus racemosus</i> . <i>Asian Journal of Chemistry</i> , 2013, 25, 8557-8560.	0.3	8
50	Development of a densitometric high-performance thin-layer chromatographic method for the quantitative analysis of biomarker lupeol in the leaves of different species of genus <i>Ficus</i> . <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 30-35.	1.2	8
51	Cytotoxicity and molecular docking analysis of racemolactone I, a new sesquiterpene lactone isolated from <i>Inula racemosa</i> . <i>Pharmaceutical Biology</i> , 2021, 59, 941-952.	2.9	8
52	Flavonoid glycosides from leaves and straw of <i>Oryza sativa</i> and their effects of cytotoxicity on a macrophage cell line and allelopathic on weed germination. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 375-387.	2.7	7
53	Biological Evaluation of Different Extracts of Aerial Parts of <i>Nepeta deflersiana</i> and Standardization of Active Extracts Using 8-Epi-7-Deoxyloganic Acid and Ursolic Acid by Validated HPTLC Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	1.2	7
54	The influence of variations of furanosesquiterpenoids content of commercial samples of myrrh on their biological properties. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 981-989.	2.7	7

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55	Evaluation of thermo sensitivity of curcumin and quantification of ferulic acid and vanillin as degradation products by a validated HPTLC method. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 299-305.	0.2	7
56	New constituents triterpene ester and sugar derivatives from Panax ginseng Meyer and their evaluation of antioxidant activities. Saudi Pharmaceutical Journal, 2017, 25, 801-812.	2.7	6
57	High-performance thin-layer chromatography based concurrent estimation of biomarkers ent-phyllanthidine and rutin in the dried aerial parts of Flueggea virosa. Saudi Pharmaceutical Journal, 2017, 25, 696-702.	2.7	6
58	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.	2.7	6
59	The Reproductive Toxicity Associated with Dodonaea viscosa, a Folk Medicinal Plant in Saudi Arabia. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	1.2	6
60	Effect of some plants' extracts used in Sudanese folkloric medicines on carrageenan-induced inflammation. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 159-65.	0.2	6
61	Quantitative determination of alliin in dried garlic cloves and products by high-performance thin-layer chromatography. Tropical Journal of Pharmaceutical Research, 2016, 15, 1759.	0.3	5
62	Development of a stress induced validated UPLC-PDA method for the analysis of Eslicarbazepine acetate. Saudi Pharmaceutical Journal, 2018, 26, 286-291.	2.7	5
63	Cell proliferation activity delineated by molecular docking of four new compounds isolated from the aerial parts of Suaeda monoica Forssk. ex. J.F. Gmel. Saudi Pharmaceutical Journal, 2020, 28, 172-186.	2.7	5
64	Isolation, Characterization, and HPTLC-Quantification of Compounds with Anticancer Potential from Loranthus Acaciae Zucc.. Separations, 2020, 7, 43.	2.4	5
65	Quantitative analysis of biomarker rutin in different species of genus Ficus by validated NP and RP-HPTLC methods. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 2213-20.	0.2	5
66	Quantification of biomarkers and evaluation of antioxidant, anti-inflammatory, and cytotoxicity properties of <i>Dodonaea viscosa</i> grown in Saudi Arabia using HPTLC technique. Open Chemistry, 2022, 20, 559-569.	1.9	5
67	Evaluation of antioxidant activity of new constituents from the fruits of Lycium chinense. Medicinal Chemistry Research, 2014, 23, 3852-3860.	2.4	4
68	Isolation of New Aliphatic Ester 8'a-Hydroxy-n-decanyl n-docosanoate from the Leaves of Centaurothamnus maximus Wagentz and Dittri. Asian Journal of Chemistry, 2015, 27, 2651-2653.	0.3	4
69	Role of LXR alpha in regulating expression of glucose transporter 4 in adipocytes â€” Investigation on improvement of health of diabetic patients. Journal of Infection and Public Health, 2020, 13, 244-252.	4.1	4
70	Development and validation of UPLC-PDA method for concurrent analysis of bergenin and menisdaurin in aerial parts of Flueggea virosa (Roxb. ex Willd.). Saudi Pharmaceutical Journal, 2018, 26, 970-976.	2.7	3
71	Isolation and characterization of a new oxygenated homoditerpenoid from leaves of Centaurothamnus maximus with antimicrobial potential. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 1091-5.	0.2	3
72	Quantification of Physiologically Available Glycyrrhizin in Anti-Stress Herbal Formulations by Validated HPTLC Method. Asian Journal of Chemistry, 2014, 26, 874-878.	0.3	2

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73	Stability Indicating Densitometric HPTLC Method for Quantitative Analysis of Biomarker Naringin in the Leaves and Stems of <i>Rumex Vesicarius</i> L. <i>Journal of Alternative and Complementary Medicine</i> , 2014, 20, A126-A126.	2.1	2
74	Simultaneous quantification of two phenolic biomarkers by a validated high-performance thin-layer chromatographic method in antimicrobial and antioxidant active ethyl acetate fraction of <i>Allium cepa</i> L. (peel). <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 510-515.	1.2	2
75	Interspecies estimation of \hat{I}^2 -sitosterol by a validated high-performance thin-layer chromatography method in genus <i>Ficus</i> and cytotoxic activity against HepG2, HEK-293, MCF-7, and MDA-MB-231 cell lines. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018, 31, 213-219.	1.2	2
76	Quantification of two biomarker compounds by a validated high-performance thin-layer chromatographic method from different extracts of <i>Pluchea dioscoridis</i> growing in Saudi Arabia. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 243-249.	1.2	2
77	Design, in-silico study and biological evaluation of newly synthesized 3-chlorobenzofuran congeners as antitubercular agents. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103034.	4.9	2
78	Amelioration of Experimental Hepatotoxicity in Rats by <i>Portulaca oleracea</i> Linn. from Kashmir Himalaya. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 1072-1081.	1.1	2
79	Development and validation of a high-performance thin-layer chromatographic method for the determination of biomarker \hat{I}^2 -amyirin in the leaves of different <i>Ficus</i> species. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 223-228.	1.2	2
80	Quantification of glycyrrhizin in anti-stress herbal formulations by validate HPTLC method: a rational paradigm towards quality control of herbals. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 353-7.	0.2	2
81	New Acyclic Triterpenoid Glycoside Constituent from the Fruits of <i>Lycium chinense</i> . <i>Asian Journal of Chemistry</i> , 2014, 26, 6185-6188.	0.3	1
82	Simultaneous quantification of two bioactive flavonoids, homoeriodictyol and persicogenin, in the methanol extract of the aerial parts of two different species of genus <i>Rhus</i> by a validated high-performance thin-layer chromatographic-densitometric method. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 42-47.	1.2	1
83	Recent Advances Towards Treatment of HIV: Synthesis and SAR Studies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 471-499.	2.4	1
84	Multifactorial antioxidant potential of novel compounds isolated from <i>Zanthoxylum armatum</i> fruits along with cytotoxicity studies on HepG2 cell lines. <i>Journal of King Saud University - Science</i> , 2022, 34, 101792.	3.5	1
85	Densitometric validation and analysis of biomarker \hat{I}^2 -amyirin in different <i>Acacia</i> species (leaves) grown in Kingdom of Saudi Arabia by high performance thin-layer chromatography. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 1485-91.	0.2	1
86	Cytotoxic activity of guaiane-type sesquiterpene lactone (deoxycynaropicrin) isolated from the leaves of <i>Centaurothamnus maximus</i> . <i>Open Chemistry</i> , 2022, 20, 410-416.	1.9	1
87	Chemical constituents from <i>Centaurothamnus maximus</i> and their antimicrobial activity. <i>Natural Product Research</i> , 2023, 37, 693-701.	1.8	1
88	New Aliphatic Glycoside Constituent from the Fruits of <i>Lycium chinense</i> Miller. <i>Asian Journal of Chemistry</i> , 2013, 25, 4664-4666.	0.3	0