

Zulfiqar Ali

List of Publications by Year in descending order

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91
papers

1,249
citations

331670

21
h-index

454955

30
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93
all docs

93
docs citations

93
times ranked

1815
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of In Vitro Absorption, Distribution, Metabolism, and Excretion (ADME) Properties of Mitragynine, 7-Hydroxymitragynine, and Mitraphylline. <i>Planta Medica</i> , 2014, 80, 568-576.	1.3	61
2	The anticancer potential of steroidal saponin, dioscin, isolated from wild yam (<i>Dioscorea villosa</i>) root extract in invasive human breast cancer cell line MDA-MB-231 in vitro. <i>Archives of Biochemistry and Biophysics</i> , 2016, 591, 98-110.	3.0	52
3	Overview of Analytical Tools for the Identification of Adulterants in Commonly Traded Herbs and Spices. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 376-385.	1.5	51
4	Berberis Plants – Drifting from Farm to Food Applications, Phytotherapy, and Phytopharmacology. <i>Foods</i> , 2019, 8, 522.	4.3	46
5	Characterization of in Vitro ADME Properties of Diosgenin and Dioscin from <i>Dioscorea villosa</i> . <i>Planta Medica</i> , 2013, 79, 1421-1428.	1.3	44
6	Phenylalkanoïds and Monoterpene Analogues from the Roots of <i>Rhodiola rosea</i> . <i>Planta Medica</i> , 2008, 74, 178-181.	1.3	39
7	Cytotoxic monacolin from red yeast rice, a Chinese medicine and food. <i>Food Chemistry</i> , 2016, 202, 262-268.	8.2	37
8	Jatrophane and rearranged jatrophane-type diterpenes: biogenesis, structure, isolation, biological activity and SARs (1984–2019). <i>Phytochemistry Reviews</i> , 2020, 19, 265-336.	6.5	36
9	Alkyl phenols and saponins from the roots of <i>Labisia pumila</i> (Kacip Fatimah). <i>Phytochemistry</i> , 2011, 72, 2075-2080.	2.9	34
10	Cannabisol, a novel 9-THC dimer possessing a unique methylene bridge, isolated from <i>Cannabis sativa</i> . <i>Tetrahedron Letters</i> , 2012, 53, 3560-3562.	1.4	34
11	Methylenebissantin: A rare methylene-bridged bisflavonoid from <i>Dodonaea viscosa</i> which inhibits Plasmodium falciparum enoyl-ACP reductase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 610-612.	2.2	33
12	PXR mediated induction of CYP3A4, CYP1A2, and P-gp by <i>Mitragyna speciosa</i> and its alkaloids. <i>Phytotherapy Research</i> , 2017, 31, 1935-1945.	5.8	33
13	Alkaloids and saponins from blue cohosh. <i>Phytochemistry</i> , 2008, 69, 1037-1042.	2.9	32
14	Safety Assessment of Phytochemicals Derived from the Globalized South African Rooibos Tea (<i>Aspalathus linearis</i>) through Interaction with CYP, PXR, and P-gp. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4967-4975.	5.2	32
15	Tandem Mass Spectrometry for Structural Identification of Sesquiterpene Alkaloids from the Stems of <i>Dendrobium nobile</i> Using LC-QToF. <i>Planta Medica</i> , 2016, 82, 662-670.	1.3	29
16	Effects of <i>Sceletium tortuosum</i> in rats. <i>Journal of Ethnopharmacology</i> , 2014, 155, 731-735.	4.1	28
17	Prenylated flavonol glycosides from <i>Epimedium grandiflorum</i> : Cytotoxicity and evaluation against inflammation and metabolic disorder. <i>Phytochemistry Letters</i> , 2017, 20, 160-167.	1.2	28
18	Cholestane steroid glycosides from the rhizomes of <i>Dioscorea villosa</i> (wild yam). <i>Carbohydrate Research</i> , 2013, 370, 86-91.	2.3	24

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19	Bioactivity-guided isolation of flavonoids from <i>Urtica dioica</i> L. and their effect on endometriosis rat model. <i>Journal of Ethnopharmacology</i> , 2019, 243, 112100.	4.1	24
20	The effects of <i>Sceletium tortuosum</i> (L.) N.E. Br. extract fraction in the chick anxiety-depression model. <i>Journal of Ethnopharmacology</i> , 2016, 193, 329-332.	4.1	23
21	Targeted and non-targeted analysis of annonaceous alkaloids and acetogenins from <i>Asimina</i> and <i>Annona</i> species using UHPLC-QToF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 548-566.	2.8	22
22	9,19-Cyclolanostane Derivatives from the Roots of <i>Actaea pachypoda</i> . <i>Journal of Natural Products</i> , 2007, 70, 107-110.	3.0	21
23	Evaluation of drug interaction potential of <i>Labisia pumila</i> (Kacip Fatimah) and its constituents. <i>Frontiers in Pharmacology</i> , 2014, 5, 178.	3.5	21
24	Anti-inflammatory Activity of Constituents Isolated from <i>Terminalia chebula</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	20
25	Both Phenolic and Non-phenolic Green Tea Fractions Inhibit Migration of Cancer Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 398.	3.5	20
26	Hepatoprotective Effect of Steroidal Glycosides From <i>Dioscorea villosa</i> on Hydrogen Peroxide-Induced Hepatotoxicity in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 797.	3.5	19
27	Development of a chemical fingerprint as a tool to distinguish closely related <i>Tinospora</i> species and quantitation of marker compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112894.	2.8	17
28	Pharmacokinetics and cytotoxic study of euphol from <i>Euphorbia umbellata</i> (Bruyns) Pax latex. <i>Phytomedicine</i> , 2018, 47, 105-112.	5.3	16
29	Cytotoxic steroidal saponins from <i>Panicum turgidum</i> Forssk. <i>Steroids</i> , 2017, 125, 14-19.	1.8	15
30	Isolation, synthesis, and drug interaction potential of secondary metabolites derived from the leaves of miracle tree (<i>Moringa oleifera</i>) against CYP3A4 and CYP2D6 isozymes. <i>Phytomedicine</i> , 2019, 60, 153010.	5.3	15
31	Promising activity of <i>Anthemis austriaca</i> Jacq. on the endometriosis rat model and isolation of its active constituents. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 889-899.	2.7	14
32	The regression of endometriosis with glycosylated flavonoids isolated from <i>Melilotus officinalis</i> (L.) Pall. in an endometriosis rat model. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 211-219.	1.3	14
33	A novel approach for lavender essential oil authentication and quality assessment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114050.	2.8	14
34	Phytochemical, Antiplasmodial, Cytotoxic and Antimicrobial Evaluation of a Southeast Brazilian Brown Propolis Produced by <i>Apis mellifera</i> Bees. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100288.	2.1	14
35	<i>Piper nigrum</i> Oil – Determination of Selected Terpenes for Quality Evaluation. <i>Planta Medica</i> , 2019, 85, 185-194.	1.3	13
36	Comparative Morpho-Anatomical and HPTLC Profiling of <i>Tinospora</i> Species and Dietary Supplements. <i>Planta Medica</i> , 2020, 86, 470-481.	1.3	13

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37	Quantitative determination and characterization of polyphenols from <i>Cissus quadrangularis</i> L. and dietary supplements using UHPLC-PDA-MS, LC-QToF and HPTLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114036.	2.8	13
38	Soyasaponin Bh, a Triterpene Saponin Containing a Unique Hemiacetal-Functional Five-Membered Ring from <i>Glycine max</i> (Soybeans). <i>Planta Medica</i> , 2009, 75, 371-374.	1.3	12
39	Effect of Raspberry Ketone on Normal, Obese and Health-Compromised Obese Mice: A Preliminary Study. <i>Journal of Dietary Supplements</i> , 2021, 18, 1-16.	2.6	12
40	Analysis of prenylflavonoids from aerial parts of <i>Epimedium grandiflorum</i> and dietary supplements using HPTLC, UHPLC-PDA and UHPLC-QToF along with chemometric tools to differentiate <i>Epimedium</i> species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112843.	2.8	11
41	Comparative analysis of five <i>Salvia</i> species using LC-DAD-QToF. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 209, 114520.	2.8	11
42	Antraquinone-Based Specialized Metabolites from Rhizomes of <i>Bulbine natalensis</i> . <i>Journal of Natural Products</i> , 2019, 82, 1893-1901.	3.0	9
43	7-Oxodioscin, a new spirostan steroid glycoside from the rhizomes of <i>Dioscorea nipponica</i> . <i>Natural Product Communications</i> , 2013, 8, 319-21.	0.5	9
44	Norlignan glucosides from <i>Hypoxis hemerocallidea</i> and their potential in vitro anti-inflammatory activity via inhibition of iNOS and NF- κ B. <i>Phytochemistry</i> , 2020, 172, 112273.	2.9	8
45	Chemical profiling and characterization of phenolic acids, flavonoids, terpene glycosides from <i>Vangueria agrestis</i> using ultra-high performance liquid chromatography/ion mobility quadrupole time-of-flight mass spectrometry and metabolomics approach. <i>Biomedical Chromatography</i> , 2020, 34, e4840.	1.7	8
46	Rearranged clerodane diterpenoid from <i>Tinospora crispa</i> . <i>Natural Product Research</i> , 2021, 35, 369-376.	1.8	8
47	Two spirostan steroid glycoside fatty esters from <i>Dioscorea cayenensis</i> . <i>Natural Product Communications</i> , 2013, 8, 323-6.	0.5	8
48	Assessment of Herb-Drug Interaction Potential of Five Common Species of Licorice and Their Phytochemical Constituents. <i>Journal of Dietary Supplements</i> , 2023, 20, 582-601.	2.6	8
49	Isolation and identification of triterpenes from <i>Anthemis austriaca</i> Jacq. through bioactivity-guided fractionation on polycystic ovary syndrome rat model. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 1103-1111.	1.7	7
50	<i>Bulbine natalensis</i> (currently <i>Bulbine latifolia</i>) and select bulbine knipholones modulate the activity of AhR, CYP1A2, CYP2B6, and P-gp. <i>Planta Medica</i> , 2022, 88, 975-984.	1.3	7
51	A new isoflavane-4-ol derivative from <i>Melilotus officinalis</i> (L.) Pall.. <i>Natural Product Research</i> , 2019, 33, 1856-1861.	1.8	6
52	Isoquinoline alkaloids from <i>Asimina triloba</i> . <i>Natural Product Research</i> , 2019, 33, 2823-2829.	1.8	6
53	Glycosides of ursane-type triterpenoid, benzophenone, and iridoid from <i>Vangueria agrestis</i> (<i>Fadogia agrestis</i>) and their anti-infective activities. <i>Natural Product Research</i> , 2020, 34, 683-691.	1.8	6
54	Novel 16,17-epoxy-23-methylergostane derivative from <i>Sinularia variabilis</i> , a soft coral from the Persian Gulf, with apoptotic activities against breast cancer cell lines. <i>Natural Product Research</i> , 2022, 36, 3796-3805.	1.8	6

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55	Chemical Fingerprinting Profile and Targeted Quantitative Analysis of Phenolic Compounds from Rooibos Tea (<i>Aspalathus linearis</i>) and Dietary Supplements Using UHPLC-PDA-MS. <i>Separations</i> , 2022, 9, 159.	2.4	6
56	7-Oxodioscin, a New Spirostan Steroid Glycoside from the Rhizomes of <i>Dioscorea nipponica</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	5
57	Two Spirostan Steroid Glycoside Fatty Esters from <i>Dioscorea cayenensis</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	5
58	Chemical constituents from <i>Ferula oopoda</i> (Boiss. & Buhse) Boiss. <i>Biochemical Systematics and Ecology</i> , 2018, 78, 49-51.	1.3	5
59	Sceletorines A and B, two minor novel dimeric alkaloids of <i>Mesembryanthemum tortuosum</i> (synonym) Tj ETQq1 1 0.784314 ggBT /Over	1.2	5
60	Chemical constituents from the stem bark of <i>Clausena excavata</i> Burm. f. <i>Biochemical Systematics and Ecology</i> , 2019, 82, 52-55.	1.3	5
61	Development and Validation of a UHPLC-PDA-MS Method for the Quantitative Analysis of Anthraquinones in <i>Bulbine natalensis</i> Extracts and Dietary Supplements. <i>Planta Medica</i> , 2020, 86, 144-150.	1.3	5
62	Licochalcone L, an undescribed retrochalcone from <i>Glycyrrhiza inflata</i> roots. <i>Natural Product Research</i> , 2022, 36, 200-206.	1.8	5
63	Undescribed C-Glycosylflavones from Corn Silk and Potential Anti-inflammatory Activity Evaluation of Isolates. <i>Planta Medica</i> , 2022, 88, 745-752.	1.3	5
64	A new lignan from <i>Zygophyllum aegyptium</i> . <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 771-773.	1.9	4
65	Quantification of Phenolic Compounds from <i>Fadogia agrestis</i> and Dietary Supplements using UHPLC-PDA-MS. <i>Planta Medica</i> , 2019, 85, 145-153.	1.3	4
66	Sarcoseolides A-D, four undescribed cembranoids from the Red Sea soft coral <i>Sarcophyton roseum</i> . <i>Natural Product Research</i> , 2022, 36, 1842-1850.	1.8	4
67	Rotenoids and Other Specialized Metabolites from the Roots of <i>Mirabilis multiflora</i> : Opioid and Cannabinoid Receptor Radioligand Binding Affinities. <i>Journal of Natural Products</i> , 2021, 84, 1392-1396.	3.0	4
68	Eupatorin 3- ² -O-glucopyranoside, a trimethoxyflavonoid glucoside from the aerial parts of <i>Salvia mellifera</i> . <i>Natural Product Research</i> , 2021, , 1-8.	1.8	4
69	Profiling and Quantification of the Key Phytochemicals from the Drumstick Tree (<i>Moringa oleifera</i>) and Dietary Supplements by UHPLC-PDA-MS. <i>Planta Medica</i> , 2021, 87, 417-427.	1.3	4
70	Andrographidine G, a New Flavone Glucoside from <i>Andrographis paniculata</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	3
71	Bioassay guided isolation of mosquito biting deterrent compounds from <i>Strumpfia maritima</i> . <i>Pest Management Science</i> , 2020, 76, 2342-2346.	3.4	3
72	Evaluation of the hepatotoxic potential of <i>Tinospora crispa</i> and its isolated borapetosides B, C and F in a murine model. <i>Planta Medica</i> , 2020, 86, 489-495.	1.3	3

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73	Probing PXR activation and modulation of CYP3A4 by <i>Tinospora crispa</i> and <i>Tinospora sinensis</i> . <i>Journal of Ethnopharmacology</i> , 2022, 291, 115159.	4.1	3
74	Simultaneous determination and characterization of flavonoids, sesquiterpene lactone, and other phenolics from <i>Centaurea benedicta</i> and dietary supplements using UHPLC-PDA-MS and LC-DAD-QToF. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 216, 114806.	2.8	3
75	Oleanane-type triterpenoid glucuronosides from <i>Glycyrrhiza echinata</i> L. root. <i>Biochemical Systematics and Ecology</i> , 2020, 92, 104088.	1.3	2
76	Undescribed phenylpropanoid and a dimeric sesquiterpenoid possessing a rare cyclobutane ring from <i>Tinospora sinensis</i> . <i>Natural Product Research</i> , 2020, 35, 1-8.	1.8	2
77	Phenoxychromone and 4-hydroxyisoflavans from the roots of <i>Glycyrrhiza uralensis</i> . <i>Natural Product Research</i> , 2022, 36, 3850-3857.	1.8	2
78	Chemical Profiling and Characterization of Anthraquinones from Two <i>Bulbine</i> Species and Dietary Supplements Using Liquid Chromatography-High Resolution Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 1394-1407.	1.5	2
79	(E)-2,6,10-Trimethyldodec-8-en-2-ol: An Undescribed Sesquiterpenoid from Copaiba Oil. <i>Molecules</i> , 2021, 26, 4456.	3.8	2
80	Benzoylcyclopropane Derivatives from <i>Hypoxis hemerocallidea</i> Corms. <i>Planta Medica</i> , 2021, , .	1.3	2
81	Hydropiperside, a new Sphingoglycolipid from <i>Polygonum hydropiper</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	1
82	Cyclopiperettine, A New Amide from <i>Piper nigrum</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	1
83	Bioactive chemical constituents of <i>Duboscia macrocarpa</i> Bocq., and X-ray diffraction study of 11 β , 12 β -epoxyfriedours-14-en-3 β -ol. <i>FÄ-toterapÄ-Ä</i> , 2018, 125, 65-71.	2.2	1
84	Two undescribed paradol-related specialized metabolites from <i>Aframomum melegueta</i> . <i>Natural Product Research</i> , 2021, 35, 3707-3713.	1.8	1
85	Three undescribed monoterpene rhamnosides from the aerial parts of <i>Vangueria agrestis</i> . <i>Natural Product Research</i> , 2021, 35, 3714-3722.	1.8	1
86	Cytotoxic constituent of <i>Melicope latifolia</i> (DC.) T. G. Hartley. <i>Natural Product Research</i> , 2022, 36, 1416-1424.	1.8	1
87	Rational engineering of specialized metabolites in bacteria and fungi. <i>ChemistrySelect</i> , 2021, 6, 9-26.	1.5	1
88	Identification of Human Kinin-Forming Enzyme Inhibitors from Medicinal Herbs. <i>Molecules</i> , 2021, 26, 4126.	3.8	1
89	Litoarbolide A: an undescribed sesquiterpenoid from the Red Sea soft coral <i>Litophyton arboreum</i> with an <i>in vitro</i> anti-malarial activity evaluation. <i>Natural Product Research</i> , 2022, , 1-9.	1.8	1
90	A New Neolignan from <i>Panicum turgidum</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	0

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91	A Preliminary Assessment of <i>Tinospora sinensis</i> on Mice Liver. Journal of Health and Allied Sciences NU, 0, , .	0.4	0