

# Siddig Ibrahim Abdelwahab

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93 papers	2,470 citations	30 h-index	45 g-index
95 ext. papers	2,829 ext. citations	3.3 avg, IF	4.85 L-index

#	Paper	IF	Citations
93	Phytochemical profiling of Costus (Saussurea lappa Clarke) root essential oil, and its antimicrobial and toxicological effects. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2021</b> , 18, 2155-2160	0.8	8
92	p-Trifluoromethyl- and p-pentafluorothio-substituted curcuminoids of the 2,6-di[(E)-benzylidene]cycloalkanone type: Syntheses and activities against Leishmania major and Toxoplasma gondii parasites. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105099	5.1	0
91	Ameliorative effect of Boesenbergin A, a chalcone isolated from Boesenbergia rotunda (Fingerroot) on oxidative stress and inflammation in ethanol-induced gastric ulcer in vivo. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 261, 113104	5	8
90	Girinimbine from curry leaves promotes gastro protection against ethanol induced peptic ulcers and improves healing via regulation of anti-inflammatory and antioxidant mechanisms. <i>Food and Function</i> , <b>2020</b> , 11, 3493-3505	6.1	8
89	Antinociceptive Activity of the Essential Oil Formulation from the Roots of Saussurea lappa Clarke. <i>Current Topics in Nutraceutical Research</i> , <b>2020</b> , 19, 127-132	0.2	1
88	Anti-ulcerogenic activity of dentatin from Clausena excavata Burm.f. against ethanol-induced gastric ulcer in rats: Possible role of mucus and anti-oxidant effect. <i>Phytomedicine</i> , <b>2019</b> , 55, 31-39	6.5	20
87	Risk-based exposure assessment for multiple toxic elements encountered by children in school playgrounds and parks in the southwest region of Saudi Arabia. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 549	3.1	5
86	Methanol extract of smokeless tobacco alters inflammation and nociception process in animal models. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2019</b> , 17, 1911	0.8	
85	Determination of phytochemicals of twenty-one varieties of smokeless tobacco using gas chromatography-mass spectroscopy (GC-MS). <i>South African Journal of Chemistry</i> , <b>2019</b> , 72, 47-54	1.8	3
84	Catha edulis-induced skeletal muscle toxicity in experimental rats via regulation of rhabdomyolysis biomarkers. <i>Pharmacognosy Magazine</i> , <b>2019</b> , 15, 359	0.8	1
83	Determination of trace metal concentrations in different parts of the khat varieties (Catha edulis) using inductively coupled plasma-mass spectroscopy technique and their human exposure assessment. <i>Pharmacognosy Magazine</i> , <b>2019</b> , 15, 449	0.8	5
82	Amelioration of Carbon Tetrachloride - Induced Liver Injury by p-Coumaric Acid. <i>Current Topics in Nutraceutical Research</i> , <b>2019</b> , 18, 337-342	0.2	
81	Khat Induced Toxicity: Role on Its Modulating Effects on Inflammation and Oxidative Stability. <i>BioMed Research International</i> , <b>2018</b> , 2018, 5896041	3	7
80	An anti-inflammatory molecular mechanism of action of Mangostin, the major xanthone from the pericarp of Garcinia mangostana: an in silico, in vitro and in vivo approach. <i>Food and Function</i> , <b>2018</b> , 9, 3860-3871	6.1	25
79	Multidrug resistance, prevalence and phylogenetic analysis of genes encoding class II and III integrons in clinically isolated Escherichia coli. <i>Cellular and Molecular Biology</i> , <b>2018</b> , 64, 122	1.1	3
78	Elemental profiling of smokeless tobacco samples using inductively coupled plasma-mass spectrometry, their chemometric analysis and assessment of health hazards. <i>Pharmacognosy Magazine</i> , <b>2018</b> , 14, 587	0.8	4
77	Genotoxic evaluation of subcytotoxic concentration of cathine-rich Catha edulis in human peripheral blood lymphocytes. <i>Pharmacognosy Magazine</i> , <b>2018</b> , 14, 432	0.8	

76	Multidrug resistance, prevalence and phylogenetic analysis of genes encoding class II and III integrons in clinically isolated <i>Escherichia coli</i> . <i>Cellular and Molecular Biology</i> , <b>2018</b> , 64, 122-126	1.1	2
75	Synthesis and gastroprotective activities of some zinc (II) complexes derived from (E)-2-(1-(2-(piperazin-1-yl)ethylimino)ethyl)phenol and (E)-4-(1-(2-(piperazin-1-yl)ethylimino)ethyl)benzene-1,3-diol Schiff bases against aspirin induced ulceration. <i>Arabian Journal of Chemistry</i> , <b>2017</b> , 10, S1578-S1589	5.9	6
74	Chemical composition and antioxidant properties of the essential oil of <i>Cinnamomum altissimum</i> Kosterm. (Lauraceae). <i>Arabian Journal of Chemistry</i> , <b>2017</b> , 10, 131-135	5.9	34
73	Forsk. (Khat): Evaluation of its Antidepressant-like Activity. <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, S354-S358	5.8	12
72	Anticancer and anti-inflammatory activities of girinimbine isolated from. <i>Drug Design, Development and Therapy</i> , <b>2017</b> , 11, 103-121	4.4	23
71	ΔMangostin from <i>Garcinia mangostana</i> Linn: An updated review of its pharmacological properties. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, 317-329	5.9	100
70	<i>Catha edulis</i> Extract Induces H9c2 Cell Apoptosis by Increasing Reactive Oxygen Species Generation and Activation of Mitochondrial Proteins. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, S321-6	0.8	9
69	Evidence of the gastroprotective and anti- <i>Helicobacter pylori</i> activities of Δmangostin isolated from <i>Cratoxylum arborescens</i> (vahl) blume. <i>Drug Design, Development and Therapy</i> , <b>2016</b> , 10, 297-313	4.4	14
68	ΔMangostin suppresses LA-7 cells proliferation in vitro and in vivo: Involvement of antioxidant enzyme modulation; suppression of matrix metalloproteinase and β4 integrin signalling pathways. <i>Journal of Functional Foods</i> , <b>2016</b> , 22, 504-517	5.1	5
67	ΔMangostin from <i>Cratoxylum arborescens</i> : An in vitro and in vivo toxicological evaluation. <i>Arabian Journal of Chemistry</i> , <b>2015</b> , 8, 129-137	5.9	24
66	Antisecretory, gastroprotective, antioxidant and anti- <i>Helicobacter pylori</i> activity of zerumbone from <i>Zingiber zerumbet</i> (L.) Smith. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121060	3.7	50
65	Khat ( <i>Catha edulis</i> Forsk.) Dependence Potential and Pattern of Use in Saudi Arabia. <i>BioMed Research International</i> , <b>2015</b> , 2015, 604526	3	10
64	Dentatin from <i>Clausena excavata</i> Induces Apoptosis in HepG2 Cells via Mitochondrial Mediated Signaling. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 4311-6	1.7	8
63	ΔMangostin suppress LPS-induced inflammatory response in RAW 264.7 macrophages in vitro and carrageenan-induced peritonitis in vivo. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 153, 435-45	5	30
62	ΔMangostin induces p53-dependent G2/M cell cycle arrest and apoptosis through ROS mediated mitochondrial pathway and NfκB suppression in MCF-7 cells. <i>Journal of Functional Foods</i> , <b>2014</b> , 6, 290-304	5.1	30
61	Cytotoxicity and Oral Acute Toxicity Studies of b-mangostin Isolated from <i>Cratoxylum arborescens</i> . <i>Pharmacognosy Journal</i> , <b>2014</b> , 6, 47-56	1.6	6
60	Involvement of NF-κB and HSP70 signaling pathways in the apoptosis of MDA-MB-231 cells induced by a prenylated xanthone compound, Δmangostin, from <i>Cratoxylum arborescens</i> . <i>Drug Design, Development and Therapy</i> , <b>2014</b> , 8, 2193-211	4.4	13
59	Effectiveness of an intervention program on knowledge of oral cancer among the youth of Jazan, Saudi Arabia. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 1913-8	1.7	21

58	Pyranocycloartobioxanthone A, a novel gastroprotective compound from <i>Artocarpus obtusus</i> Jarret, against ethanol-induced acute gastric ulcer in vivo. <i>Phytomedicine</i> , <b>2013</b> , 20, 834-43	6.5	49
57	Protective mechanism of gallic acid and its novel derivative against ethanol-induced gastric ulcerogenesis: Involvement of immunomodulation markers, Hsp70 and Bcl-2-associated X protein. <i>International Immunopharmacology</i> , <b>2013</b> , 16, 296-305	5.8	43
56	Gastroprotective mechanism of <i>Bauhinia thonningii</i> Schum. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 277-86	5	26
55	Gastroprotective effect of desmosdumotin C isolated from <i>Mitrella kentii</i> against ethanol-induced gastric mucosal hemorrhage in rats: possible involvement of glutathione, heat-shock protein-70, sulfhydryl compounds, nitric oxide, and anti- <i>Helicobacter pylori</i> activity. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 188	4.7	41
54	Boesenbergin A, a chalcone from <i>Boesenbergia rotunda</i> induces apoptosis via mitochondrial dysregulation and cytochrome c release in A549 cells in vitro: Involvement of HSP70 and Bcl2/Bax signalling pathways. <i>Journal of Functional Foods</i> , <b>2013</b> , 5, 87-97	5.1	24
53	Induction of selective cytotoxicity and apoptosis in human T4-lymphoblastoid cell line (CEMss) by boesenbergin a isolated from <i>boesenbergia rotunda</i> rhizomes involves mitochondrial pathway, activation of caspase 3 and G2/M phase cell cycle arrest. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 187	4.7	28
52	Dentatin isolated from <i>Clausena excavata</i> induces apoptosis in MCF-7 cells through the intrinsic pathway with involvement of NF- $\kappa$ B signalling and G0/G1 cell cycle arrest: a bioassay-guided approach. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 145, 343-54	5	39
51	Apoptosis Effect of Girinimbine Isolated from <i>Murraya koenigii</i> on Lung Cancer Cells In Vitro. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 689865	2.3	20
50	Inclusion Complex of Zerumbone with Hydroxypropyl- $\beta$ -Cyclodextrin Induces Apoptosis in Liver Hepatocellular HepG2 Cells via Caspase 8/BID Cleavage Switch and Modulating Bcl2/Bax Ratio. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 810632	2.3	18
49	A Phenylbutenoid Dimer, cis-3-(3,4,5-trimethoxyphenyl)-4-[(E)-3,4,5-trimethoxystyryl] Cyclohex-1-ene, Exhibits Apoptogenic Properties in T-Acute Lymphoblastic Leukemia Cells via Induction of p53-Independent Mitochondrial Signalling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 939810	2.3	15
48	$\beta$ -Mangostin from <i>Cratoxylum arborescens</i> (Vahl) Blume Demonstrates Anti-Ulcerogenic Property: A Mechanistic Study. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 450840	2.3	15
47	Thymoquinone-loaded nanostructured lipid carriers: preparation, gastroprotection, in vitro toxicity, and pharmacokinetic properties after extravascular administration. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 2163-72	7.3	71
46	Aporphine alkaloids from the leaves of <i>Phoebe grandis</i> (Nees) Mer. (Lauraceae) and their cytotoxic and antibacterial activities. <i>Molecules</i> , <b>2013</b> , 18, 8994-9009	4.8	16
45	Thymoquinone induces mitochondria-mediated apoptosis in acute lymphoblastic leukaemia in vitro. <i>Molecules</i> , <b>2013</b> , 18, 11219-40	4.8	58
44	Smoking Cessation Efforts in Special Population: A Review of Research on Muslim Countries and Communities. <i>International Journal of Pharmacology</i> , <b>2013</b> , 9, 98-107	0.7	1
43	In vitro and in vivo anti-inflammatory activities of columbin through the inhibition of cyclooxygenase-2 and nitric oxide but not the suppression of NF- $\kappa$ B translocation. <i>European Journal of Pharmacology</i> , <b>2012</b> , 678, 61-70	5.3	23
42	Effects of roasting and boiling on the chemical composition, amino acids and oil stability of safflower seeds. <i>International Journal of Food Science and Technology</i> , <b>2012</b> , 47, 1737-1743	3.8	29
41	Involvement of NF- $\kappa$ B and Bcl2/Bax signaling pathways in the apoptosis of MCF7 cells induced by a xanthone compound Pyranocycloartobioxanthone A. <i>Phytomedicine</i> , <b>2012</b> , 19, 1007-15	6.5	88

40	Gastroprotective activities of <i>Turnera diffusa</i> Willd. ex Schult. revisited: Role of arbutin. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 141, 273-81	5	64
39	Zerumbone inhibits interleukin-6 and induces apoptosis and cell cycle arrest in ovarian and cervical cancer cells. <i>International Immunopharmacology</i> , <b>2012</b> , 12, 594-602	5.8	67
38	<i>Ipomoea aquatica</i> extract shows protective action against thioacetamide-induced hepatotoxicity. <i>Molecules</i> , <b>2012</b> , 17, 6146-55	4.8	21
37	Synthesis, characterization, X-ray crystallography, acetyl cholinesterase inhibition and antioxidant activities of some novel ketone derivatives of gallic hydrazide-derived Schiff bases. <i>Molecules</i> , <b>2012</b> , 17, 2408-27	4.8	20
36	Effects of <i>Pithecellobium jiringa</i> ethanol extract against ethanol-induced gastric mucosal injuries in Sprague-Dawley rats. <i>Molecules</i> , <b>2012</b> , 17, 2796-811	4.8	19
35	<i>Sclerocarya birrea</i> (Marula), An African Tree of Nutritional and Medicinal Uses: A Review. <i>Food Reviews International</i> , <b>2012</b> , 28, 375-388	5.5	49
34	Gastroprotective activity and mechanism of novel dichlorido-zinc(II)-4-(2-(5-methoxybenzylideneamino)ethyl)piperazin-1-iumphenolate complex on ethanol-induced gastric ulceration. <i>Chemico-Biological Interactions</i> , <b>2012</b> , 195, 144-53	5	56
33	Dentatin Induces Apoptosis in Prostate Cancer Cells via Bcl-2, Bcl-xL, Survivin Downregulation, Caspase-9, -3/7 Activation, and NF- $\kappa$ B Inhibition. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 856029	2.3	39
32	Cucurbitacin L 2-O- $\beta$ -Glucoside Demonstrates Apoptogenesis in Colon Adenocarcinoma Cells (HT-29): Involvement of Reactive Oxygen and Nitrogen Species Regulation. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 490136	2.3	3
31	Chloroform Fraction of <i>Centratherum anthelminticum</i> (L.) Seed Inhibits Tumor Necrosis Factor Alpha and Exhibits Pleotropic Bioactivities: Inhibitory Role in Human Tumor Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 627256	2.3	13
30	Toxicological Features of <i>Catha edulis</i> (Khat) on Livers and Kidneys of Male and Female Sprague-Dawley Rats: A Subchronic Study. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 829401	2.3	28
29	Mechanisms of Gastroprotective Effects of Ethanolic Leaf Extract of <i>Jasminum sambac</i> against HCl/Ethanol-Induced Gastric Mucosal Injury in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 786426	2.3	61
28	Erectogenic Effects of <i>Clerodendron capitatum</i> : Involvement of Phosphodiesterase Type-5 Inhibition. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 137386	2.3	1
27	Acute oral toxicity evaluations of some zinc(II) complexes derived from 1-(2-salicylaldiminoethyl)piperazine Schiff bases in rats. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 1393-404	6.3	13
26	Synthesis of chalcones with anticancer activities. <i>Molecules</i> , <b>2012</b> , 17, 6179-95	4.8	144
25	In vivo Antioxidative and Hepatoprotective Effects of Palm Date Fruits ( <i>Phoenix dactylifera</i> ). <i>International Journal of Pharmacology</i> , <b>2012</b> , 8, 185-191	0.7	12
24	Antioxidant activity of different parts from <i>Annona squamosa</i> , and <i>Catunaregam nilotica</i> methanolic extract. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2012</b> , 11, 249-58	1	12
23	The methanolic extract of <i>Boesenbergia rotunda</i> (L.) Mansf. and its major compound pinostrobin induces anti-ulcerogenic property in vivo: possible involvement of indirect antioxidant action. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 963-70	5	71

22	Mechanistic Studies of the Anti-Ulcerogenic Activity and Acute Toxicity Evaluation of Dichlorido-Copper(II)-4-(2-5-Bromo-benzylideneamino)ethyl) Piperazin-1-ium Phenolate Complex against Ethanol-Induced Gastric Injury in Rats. <i>Molecules</i> , <b>2011</b> , 16, 8654-8669	4.8	16
21	The growth suppressing effects of girinimbine on HepG2 involve induction of apoptosis and cell cycle arrest. <i>Molecules</i> , <b>2011</b> , 16, 7155-70	4.8	44
20	PHYSICOCHEMICAL AND MICROBIAL ATTRIBUTES OF ORGANIC INFUSED BEEF CUTS (LONGISSMUS DORSI). <i>Journal of Food Safety</i> , <b>2011</b> , 31, 326-333	2	3
19	Anti-inflammatory activities of cucurbitacin E isolated from <i>Citrullus lanatus</i> var. <i>citroides</i> : role of reactive nitrogen species and cyclooxygenase enzyme inhibition. <i>Phytotherapy Research</i> , <b>2011</b> , 25, 1190-7	3.2	60
18	Synthesis, characterization, acetylcholinesterase inhibition, molecular modeling and antioxidant activities of some novel Schiff bases derived from 1-(2-ketoiminoethyl)piperazines. <i>Molecules</i> , <b>2011</b> , 16, 9316-30	4.8	11
17	Zerumbone induces apoptosis in T-acute lymphoblastic leukemia cells. <i>Leukemia Research</i> , <b>2011</b> , 35, 268-71	4.7	46
16	Eleusine indica Possesses Antioxidant, Antibacterial and Cytotoxic Properties. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2011</b> , 2011, 965370	2.3	16
15	In Vitro Ultramorphological Assessment of Apoptosis on CEMss Induced by Linoleic Acid-Rich Fraction from <i>Typhonium flagelliforme</i> Tuber. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2011</b> , 2011, 421894	2.3	19
14	Antiapoptotic and Antioxidant Properties of <i>Orthosiphon stamineus</i> Benth (Cat's Whiskers): Intervention in the Bcl-2-Mediated Apoptotic Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2011</b> , 2011, 156765	2.3	32
13	Effect of the method of processing on quality and oxidative stability of anhydrous butter fat (samn). <i>African Journal of Biotechnology</i> , <b>2010</b> , 9, 1046-1051	0.6	3
12	<i>Typhonium flagelliforme</i> induces apoptosis in CEMss cells via activation of caspase-9, PARP cleavage and cytochrome c release: its activation coupled with G0/G1 phase cell cycle arrest. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 131, 592-600	5	49
11	In vivo and In vitro Genotoxic Effects of Zerumbone. <i>Caryologia</i> , <b>2010</b> , 63, 11-17		12
10	Fatty Acids, Tocopherols, Phenolics and the Antimicrobial Effect of <i>Sclerocarya birrea</i> Kernels with Different Harvesting Dates. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2010</b> , 87, 377-384	1.8	20
9	Supercritical Carbon Dioxide Extraction of <i>Sorghum</i> Bug ( <i>Agonoscelis pubescens</i> ) Oil Using Response Surface Methodology. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2010</b> , 87, 849-856	1.8	18
8	Regression of cervical intraepithelial neoplasia by zerumbone in female Balb/c mice prenatally exposed to diethylstilboestrol: involvement of mitochondria-regulated apoptosis. <i>Experimental and Toxicologic Pathology</i> , <b>2010</b> , 62, 461-9		33
7	Potential chemoprevention of diethylnitrosamine-initiated and 2-acetylaminofluorene-promoted hepatocarcinogenesis by zerumbone from the rhizomes of the subtropical ginger ( <i>Zingiber zerumbet</i> ). <i>Chemico-Biological Interactions</i> , <b>2010</b> , 186, 295-305	5	83
6	Chemical composition, antioxidant and antibacterial properties of the essential oils of <i>Etlingera elatior</i> and <i>Cinnamomum pubescens</i> Kochummen. <i>Journal of the Science of Food and Agriculture</i> , <b>2010</b> , 90, 2682-8	4.3	40
5	<i>Typhonium flagelliforme</i> inhibits the proliferation of murine leukemia WEHI-3 cells in vitro and induces apoptosis in vivo. <i>Leukemia Research</i> , <b>2010</b> , 34, 1483-92	2.7	21



4	In vitro ultramorphological assessment of apoptosis induced by zerumbone on (HeLa). <i>Journal of Biomedicine and Biotechnology</i> , <b>2009</b> , 2009, 769568		65
3	Characterization of the Seed Oil and Meal from Monechma ciliatum and Prunus mahaleb Seeds. <i>JAOCS, Journal of the American Oil Chemistssociety</i> , <b>2009</b> , 86, 749-755	1.8	21
2	A Comparative Study of the Properties of Six Sudanese Cucurbit Seeds and Seed Oils. <i>JAOCS, Journal of the American Oil Chemistssociety</i> , <b>2009</b> , 86, 1181-1188	1.8	44
1	Combination of zerumbone and cisplatin to treat cervical intraepithelial neoplasia in female BALB/c mice. <i>International Journal of Gynecological Cancer</i> , <b>2009</b> , 19, 1004-10	3.5	19