

Dr. Duke's Phytochemical and Ethnobotanical Databases**Biological Activities found in *Azadirachta indica***

Activity	Chemical Count
Pesticide	20
Cancer-Preventive	13
Antiinflammatory	12
Antimalarial	12
Antifeedant	11
Antioxidant	11
Antibacterial	10
Antimutagenic	9
Antiviral	9
Antiulcer	8
Diuretic	8
Hypotensive	8
Hypocholesterolemic	8
Hepatoprotective	8
Antitumor	7
Antihepatotoxic	7
Antiarthritic	7
Antihistaminic	7
Vasodilator	7
Aldose-Reductase-Inhibitor	7
Apoptotic	6
Antispasmodic	6
Antihypertensive	6
Hypoglycemic	6
Antiplasmodial	6
Cytotoxic	6
Insectifuge	5

Activity	Chemical Count
Antiallergic	5
Fungicide	5
Antihyperpetic	5
Lipoxygenase-Inhibitor	5
Antiradicular	5
Antiatherosclerotic	4
Antidiabetic	4
Antiarrhythmic	4
5-Alpha-Reductase-Inhibitor	4
Antiseptic	4
Allelochemic	4
MAO-Inhibitor	4
Laxative	4
Propecic	4
Mutagenic	4
Antidermatitic	4
Antiandrogenic	4
Topoisomerase-II-Inhibitor	4
Choleretic	4
Analgesic	4
Antiaggregant	4
Carcinogenic	4
Antiedemic	4
Anticancer	4
Antiplateque	4
Antitumor-Promoter	4
Anticataract	3

Activity	Chemical Count
Antitrypanosomic	3
Quinone-Reductase-Inducer	3
Antiproliferant	3
AntiHIV	3
Lubricant	3
CNS-Depressant	3
Antiaflatoxin	3
Protisticide	3
cAMP-Phosphodiesterase-Inhibitor	3
Xanthine-Oxidase-Inhibitor	3
Antiflu	3
Antiprostatic	3
Immunomodulator	3
Candidicide	3
Nematicide	3
Anxiolytic	3
Hemostat	3
Antinociceptive	3
Antileukemic	3
FLavor	3
AntiPMS	3
Myorelaxant	3
Cyclooxygenase-Inhibitor	3
Larvostat	3
Antiallopecic	3
Estrogenic	3
Antiasthmatic	3

Activity	Chemical Count
Antidepressant	3
Cosmetic	3
Antiosteoporotic	3
Topoisomerase-I-Inhibitor	3
NO-Inhibitor	2
Aldehyde-Oxidase-Inhibitor	2
Vasopressor	2
Cyclooxygenase-Activator	2
Hepatogenic	2
Antiobesity	2
Tranquilizer	2
Antitumor (Lung)	2
Antinephritic	2
Teratologic	2
Insulinogenic	2
Antiandrogenic	2
Catabolic	2
Antipurpuric	2
Ornithine-Decarboxylase-Inhibitor	2
iNOS-Inhibitor	2
Capillariprotective	2
Neuroprotective	2
Antihyperkinetic	2
Anticapillary-Fragility	2
Antithrombogenic	2
Antieczemic	2
Antimenopausal	2

Activity	Chemical Count
Hypercholesterolemic	2
5-Lipoxygenase-Inhibitor	2
Antiperiodontic	2
Antigingivitic	2
Copper-Chelator	2
Anticoronary	2
Tyrosinase-Inhibitor	2
CNS-Stimulant	2
TNF-alpha-Inhibitor	2
Antiaging	2
Antipyretic	2
Antitumor (Breast)	2
AntiMS	2
Spermicide	2
Insecticide	2
Antiacne	2
Cardioprotective	2
Anticariogenic	2
Antielastase	2
Diaphoretic?	2
Antimetastatic	2
Antigonadotrophic	2
COX-2-Inhibitor	2
Antistaphylococcic	2
11B-HSD-Inhibitor	2
Antigastric	2
Antiseborrheic	2

Activity	Chemical Count
Juvabional	2
Antifibrinolytic	2
Insectiphile	2
Antiprostaglandin	2
Antimelanomic	2
HIV-RT-Inhibitor	2
Antiperoxidant	2
Antistress	2
Perfumery	2
MAO-A-Inhibitor	2
Anticonvulsant	2
Antiophidic	2
PAF-Inhibitor	2
Antileukotriene-D4	2
Anticholinergic	2
Glucosyl-Transferase-Inhibitor	2
Antiinsomniac	2
Inotropic	2
Allergenic	2
Calcium-Antagonist	2
Antiglaucomic	2
Antianxiety	2
Tyrosine-Kinase-Inhibitor	2
Antianaphylactic	2
Anticlimacteric	2
Antifertility	2
Febrifuge	1

Activity	Chemical Count
Antitumor (Cervix)	1
Sunscreen	1
Antierythemic	1
Antiadenomic	1
Cardiotonic	1
Antiprotozoal	1
Antihypoglycemic	1
Immunostimulant	1
Antiencephalitic	1
Angiogenic	1
Capillarifortificant	1
Nematostat	1
Anticancer (Cervix)	1
Differentiator	1
Antithiamin	1
Prostaglandin-Synthesis-Inhibitor	1
Hypolipidemic	1
Antidysmenorrheic	1
Amebicide	1
Calmodulin-Antagonist	1
Antiplatelet	1
Myoprotective	1
Antihemorrhagic	1
Deiodinase-Inhibitor	1
Phytoalexin	1
Antimastalgic	1
Herbicide	1

Activity	Chemical Count
Beta-Blocker	1
Antipermeability	1
Metalloproteinase-Inhibitor	1
Antigonadotropic	1
Antistreptococcic	1
Percutaneostimulant	1
Antilithic	1
Anticystitic	1
Antipancreatitic	1
Ulcerogenic	1
Antigastrotic	1
Antianginal	1
COMP-Inhibitor	1
Anticomplementary	1
Keratolytic	1
Antifibromyalgic	1
Antirenitic	1
P450-Inhibitor	1
Antileukotriene	1
AntiCFS	1
Dye	1
Antimigraine	1
Scabicide	1
Antienterotic	1
Anorexic	1
Antiprostanoid	1
Hypouricemic	1

Activity	Chemical Count
Androgenic	1
Antipodriac	1
NADH-Oxidase-Inhibitor	1
Antibronchoconstrictor	1
Dermatitigenic	1
Plasmodicide	1
Antidote (Aluminum)	1
Bronchorelaxant	1
Antipharyngitic	1
MMP-9-Inhibitor	1
Antigrey	1
Cytochrome-P450-1A2-Inhibitor	1
Antistroke	1
Antilymphocytic	1
Antidementia	1
Artemicide	1
Uterosedative	1
Antianorectic	1
Antileukotrienogenic	1
Antiosteoarthritic	1
Antialzheimeran	1
Antirheumatic	1
Paralytic	1
Anticlastogen	1
Gonadotrophic	1
Antitumor (Skin)	1
Antineurotic	1

Activity	Chemical Count
Irritant	1
Chemopreventive	1
Oviposition-Stimulant	1
Antiischemic	1
Estrogenic?	1
Antiepileptic	1
NF-kB-Inhibitor	1
Antitic	1
PTK-Inhibitor	1
Anesthetic	1
Antiprogestational	1
Anticancer (Breast)	1
Antidysenteric	1
Alpha-Reductase-Inhibitor	1
Calcium-Channel-Blocker	1
Antihematuric	1
Antiatherogenic	1
Antisyndrome-X	1
Phospholipase-Inhibitor	1
Hepatotonic	1
ACE-Inhibitor	1
Bacteristat	1
Antiperistaltic	1
Metal-Chelator (Copper)	1
Antiapoplectic	1
Parasiticide	1
Antilipoperoxidant	1

Activity	Chemical Count
AntiCVI	1
Ubiquiot	1
Litholytic	1
Comedolytic	1
Anticolitic	1
Antitussive	1
Antiallergenic	1
AntiRaynaud's	1
P450-Inducer	1
Antitumor (Colon)	1
Antimyocarditic	1
Suppository	1
Antiescherichic	1
Antiadrenergic	1
Caspase-8-Inducer	1
Antipsoriac	1
NO-Synthase-Inhibitor	1
Antiimplantation	1
Anticephalagic	1
Antitubercular	1
Radioprotective	1
Immunosuppressant	1
Antiendometriotic	1
Angiotensin-Receptor-Blocker	1
Capillarigenic	1
NEP-Inhibitor	1
Antihydrophobic	1

Activity	Chemical Count
Anticancer (Lung)	1
Antithrombic	1
Protein-Kinase-C-Inhibitor	1
Antiecdysic	1
cAMP-Inhibitor	1
Antihemorrhoidal	1
Depressant	1
Phytohormonal	1
Antidiarrheic	1
Bradycardiac	1
VEGF-Inhibitor	1
Metastatic	1
Antigranular	1
Antiartherosclerotic	1
AntiLyme	1
Antidandruff	1
5-HT-Inhibitor	1
Aromatase-Inhibitor	1
Antiperiodontal	1
Uterorelaxant	1
Antigingirrhagic	1
Antiangiogenic	1
COMT-Inhibitor	1
Antiserotonin	1
Antivaricose	1
Tumorigenic	1
Antifibrosarcomic	1

Activity	Chemical Count
CNS-Sedative	1
Antiretinopathic	1
Antitumor (Ovary)	1
Antinephrolytic	1
Tissue-Thromboplastin-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Antifatigue	1
Chelator	1
Antipyorrhic	1
Osteogenic	1
Antitumor (Bladder)	1
Antimitral-valve-prolapse	1
Soap	1
Antieosinophilic	1
Anthelmintic	1
Antiprostataadenomic	1
Neurotransmitter	1
Antihyperlipoproteinaemic	1
Anticarcinomic (Breast)	1
Antithyroid	1
Psychotropic	1
ICAM-1-Inhibitor	1
Anemiagenic	1
Antipolio	1
Natriuretic	1
Detoxicant	1
Proliferant	1

Activity	Chemical Count
Antimenorrhagic	1
Antidote (Lead)	1
Musculotropic	1
AntiGTF	1
Cytoprotective	1
Antisunburn	1
PGE2-Inhibitor	1
Antilymphomic	1
Acarifuge	1
ATPase-Inhibitor	1
Antiperiodontitic	1
Uterotrophic	1
Mast-Cell-Stabilizer	1
Antispasmophilic	1
Antilipolytic	1
AntiCrohn's	1
Antiwrinkle	1
Antifuruncular	1
Comedogenic	1
Antiscabic	1
Paramecicide	1
Hemolytic	1
Antinitrosaminic	1
JNK-Inhibitor	1
Antialcoholic	1
Cholagogue	1
Oxidase-Inhibitor	1

Activity	Chemical Count
Antileishmanic	1