

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Citrus aurantiifolia

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
5-Alpha-Reductase-Inhibitor	6
Abortifacient	1
Acaricide	8
ACE-Inhibitor	5
AChE-Inhibitor	1
Acidulant	1
Additive	1
Aldose-Reductase-Inhibitor	6
Allelochemic	4
Allelopathic	4
Allergenic	14
Alpha-Amylase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Analgesic	10
Androgenic?	1
Anemiagenic	1
Anesthetic	2
Angiotensin-Receptor-Blocker	3
Anthelmintic	1
Antiacetylcholine	1
Antiacetylcholinesterase	7
Antiacne	7
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1

Activity	Chemical Count
Anti aflatoxin	2
Anti AGE	1
Antiaggregant	4
Antiaging	2
Antiakathic	1
Antialcoholic	2
Antialkalotic	1
Antiallergenic	1
Antiallergic	8
Antialopepic	5
Antialzheimeran	4
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	3
Antiandrogenic	3
Antianemic	2
Antianginal	1
Antiangiogenic	1
Antianorectic	1
Antianorexic	1
Antianxiety	2
Antiapertif	1
Antiaphthic	1
Antiappetant	1
Antiarabiflavinotic	1
Antiarrhythmic	2
Antiarteriosclerotic	1

Activity	Chemical Count
Antiarthritic	7
Antiasthmatic	5
Antiatherosclerotic	4
Antibacillary	1
Antibackache	1
Antibacterial	20
Antiberiberi	1
AntiBPH	1
Antibronchitic	2
Anticalculic	1
Anticancer	4
Anticanker	3
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	4
Anticarpal-Tunnel	1
Anticataract	6
Anticatarrh	1
Anticephalagic	2
Anticervicaldysplastic	3
AntiCFS	1
Anticheilitic	2
Antichilblain	1
Anticholinesterase	1
Anticlaudificant?	1
Anticlimacteric	2
Anticoagulant	1

Activity	Chemical Count
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	2
Anticonvulsant	5
Anticoronary	3
AntiCrohn's	2
AntiCTS	1
Antidandruff	1
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	4
Antidermatitic	3
Antidiabetic	5
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	2
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysgeuzic	1
Antidyskinetic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	4

Activity	Chemical Count
Antiedemic	3
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	1
Antiepileptic	2
Antiescherichic	1
Antiesophagitic	1
Antifatigue	6
Antifeedant	8
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	2
Antiflu	4
Antifuruncular	1
Antigallstone	1
Antigastritic	2
Antigingivitic	1
Antiglaucomic	1
Antiglossitic	1
Antiglutamaergic	1
Antigranular	1
Antihalitotic	1
Antihangover	4
Antiheartburn	1
Antihelicobacter	2
Antihemorrhagic	1
Antihepatitic	1

Activity	Chemical Count
Antihepatotic	1
Antihepatotoxic	1
Antiherpetic	4
Antiherpetic?	1
Antihistaminic	7
AntiHIV	1
Antihyperactivity	1
Antihypercholesterolemic	1
Antihyperkeratotic	1
Antihyperkinetic	1
Antihypertensive	6
Antiichthyotic	1
Antielus?	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	17
Antiinsomniac	3
Antiinsomniac?	1
Antiinsomnic	1
Antijet-lag	1
Antikeratitic	1
Antilaryngitic	1
Antileishmanic	3
Antileptic	2
Antileukemic	1
Antileukodermic	2

Activity	Chemical Count
Antileukonychic	1
Antileukoplakic	1
Antileukotriene-D4	3
Antilipogenic	1
Antilipoperoxidant	1
Antilithic	2
Antilithic?	1
Antilupus	1
AntiLyme	4
Antilymphomic	3
Antimaculitic	3
Antimange	1
Antimanic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	1
AntiMeniere's	1
Antimenopausal	3
Antimenorrhagic	3
Antimetastatic	2
Antimetastatic (Stomach)	1
Antimigraine	4
Antimite	1
Antimitotic	3
AntiMS	1
Antimutagenic	8
Antimyocarditic	1

Activity	Chemical Count
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antinitrosaminic	3
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1
Antiorchitic	1
Antiosteoarthritic	1
Antiosteoporotic	5
Antiotitic	1
Antioxidant	13
Antioxidant Synergist	2
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	4
Antiparotitic	1
Antipellagic	2
Antiperiodontitic	3
Antipharyngitic	1
Antiphenylketonuric	1
Antiphotophobic	2
Antipityriasic	1

Activity	Chemical Count
Antiplateque	2
Antiplatelet	2
AntiPMS	2
Antipneumonic	2
Antipodriac	1
Antipoliomyelitic	2
Antiporphyric	1
Antiprolactin	1
Antiproliferant	3
Antiproliferative	1
Antiprostaglandin	1
Antiprostatic	3
Antipsoriac	3
Antipsychotic	1
Antipyretic	2
Antiradicular	2
AntiRaynaud's	2
Antiretinotic	1
Antirheumatalgic	1
Antirheumatic	6
Antirheumatitic?	1
Antirhinitic	2
Antirhinoviral	1
Antisalmonella	1
Antiscoliotic	1
Antiscorbatic	1
Antiscotomic	1

Activity	Chemical Count
Antiseborrheic	2
Antiseptic	17
Antishingles	1
Antishock	2
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	16
Antistaphylococcic	6
Antistomatitic	1
Antistreptococcic	2
Antistress	3
Antistroke	1
Antisyndrome-X	2
Antitic	1
Antitinnitic	1
Antitriglyceride	1
Antitubercular	3
Antitumor	9
Antitumor (Breast)	2
Antitumor (CNS)	1
Antitumor (Colon)	4
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	2
Antitumor (Pancreas)	1
Antitumor (Prostate)	2
Antitumor (Skin)	2

Activity	Chemical Count
Antitumor (Stomach)	2
Antitumor-Promoter	2
Antitussive	2
Antiulcer	11
Antivertigo	1
Antiviral	9
Antiviral?	1
Antivertilgic	2
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	3
Apoptotic	3
Artemicide	1
Asthma-preventive	1
Astringent	1
Bacteriostatic	1
Bacteristat	1
Barbituate-Synergist	2
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bronchoprotectant	1
Bronchorelaxant	2
Bruchiphobe	2
Bufocide	1
Calcium-Antagonist	9
Calcium-Channel-Blocker	1

Activity	Chemical Count
Cancer-Preventive	20
Candidicide	7
Candidistat	2
Carcinogenic	5
Carcinogenic?	1
Cardioprotective	5
Cardiotoxic	1
Carminative	1
Caspase-3-Inducer	1
Chemopreventive	5
Choleretic	4
Cholesterolytic	1
Cicatrizant	1
Circulotonic	1
Clastogenic	1
CNS-Depressant	2
CNS-Paralytic	1
CNS-Stimulant	2
CNS-Toxic	1
Cold-preventive	1
Coleoptophile	1
Collagenic	2
Colorant	1
Comedolytic	1
Contraceptive	1
Convulsant	1
Copper-Antagonist	1

Activity	Chemical Count
Cosmetic	2
Counterirritant	1
COX-1-Inhibitor	1
COX-2-Inhibitor	1
Culicide	1
Cytochrome-P450-Inducer	1
Cytochrome-P450-Inhibitor	3
Cytotoxic	2
Cytotoxic (Breast)	1
Cytotoxic (Colon)	1
Decongestant	1
Degranulant	1
Dentifrice	1
Deodorant	2
Dermal	1
Dermatitigenic	1
Detoxicant	2
Detoxicant (Alcohol)	1
Disinfectant	1
Diuretic	6
DME-Inhibitor	4
Dye	1
Edemagenic	1
Embryotoxic	1
Emetic	2
Enterocontractant	1
Ergogenic	1

Activity	Chemical Count
Essential	3
Estrogenic	2
Expectorant	7
Fatal	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	29
Fungicide	18
Fungiphilic	1
Fungistat	1
GABA-nergic	1
Gastroprotective	3
Glaucomagenic	1
Glutathionigenic	3
Gram(+)icide	1
Gram(-)icide	1
GST-Inducer	1
Hemolytic	1
Hemopoietic	1
Hemostat	1
Hemostatic	1
Hepatoprotective	5
Hepatotonic	1
Hepatotoxic	2
Herbicide	8
Histaminic	1
Hypercholesterolemic	2

Activity	Chemical Count
Hypertensive	1
Hypnotic	2
Hypoarginanemic	1
Hypocholesterolemic	8
Hypocholesterolemic?	1
Hypoglycemic	3
Hypolipidemic	1
Hypotensive	9
Hypothermic	2
Hypouricemic	1
Immunomodulator	5
Immunostimulant	5
Immunosuppressant	1
Inflammatory	1
Inhalant	1
Insect-Repellent	1
Insecticide	8
Insectifuge	18
Insectiphile	3
Insulinase-Inhibitor	1
Insulinogenic	1
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	2
Irritant	19
Larvicide	2

Activity	Chemical Count
Laxative	4
Laxative?	2
Leptogenic	1
Lipolytic	4
Lipotropic	1
Lithogenic	1
Litholytic	1
Lubricant	3
Lymphocytogenic	1
Melaninogenic	1
Melatoninogenic	1
Metastatic	1
Molluscicide	3
Monoamine-Precursor	1
Mosquitocide	1
Mosquitofuge	2
Motor-Depressant	3
Mucogenic	2
Mucolytic	1
Mutagenic	3
Mutagenic?	1
Mycobactericide	2
Myorelaxant	5
Nematicide	13
Neuroprotective	1
Neurotoxic	1
NF-kB-Inhibitor	2

Activity	Chemical Count
NO-Genic	1
NO-Inhibitor	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	1
Osteogenic	1
Ozone-Scavenger	1
P450-2B1-Inhibitor	5
P450-Inducer	2
Pediculicide	1
Percutaneostimulant	1
Perfume	1
Perfumery	25
Peristaltic	1
Pesticide	35
Phagocytotic	1
Photodermatitigenic	1
Photosensitizer	1
Phototoxic	1
Piscicide	3
Prolactinogenic	1
Prooxidant	3
Propecic	5
Prostaglandin-Synthesis-Inhibitor	1
Prostatitigenic	1
Refrigerant	1
Renoirritant	1
Renotoxic	1

Activity	Chemical Count
Rubefacient	1
Schizophrenigenic	1
Secretagogue	1
Sedative	15
Serotonergic	2
Sialogogue	1
Soap	2
Spasmogenic	5
Spasmolytic	1
Spermicide	1
Spermigenic	1
Stomachic	1
Suppository	1
Surfactant	1
Teratogenic	2
Termiticide	2
Termitifuge	2
Testosterone-Hydroxylase-Inducer	1
Testosteronigenic	1
Thymoprotective	1
Tranquilizer	3
Transdermal	5
Trichomonicide	5
Trypanocide	1
Tumor-Promoter	2
Tyrosinase-Inhibitor	1
Ubiquinol	1

Activity	Chemical Count
Uricosuric	1
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Varroacide	1
Vasodilator	6
Vibriocide	1
Vulnerary	4