

Dr. Duke's Phytochemical and Ethnobotanical Databases
Biological Activities found in Juniperus communis

Activity	Chemical Count
(-)-Chronotropic	2
(-)-Inotropic	2
11B-HSD-Inhibitor	2
5-Alpha-Reductase-Inhibitor	5
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acaricide	8
ACE-Inhibitor	11
Acetylcholinergic	1
AChE-Inhibitor	1
Acidulant	4
Additive	2
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	21
Allelochemic	11
Allelopathic	8
Allergenic	22
Allergenic?	1
Alpha-Amylase-Inhibitor	1
Alpha-Glucosidase-Inhibitor	1
Alpha-Reductase-Inhibitor	1
Amphiglycemic?	1
Anabolic	1
Analgesic	20
Androgenic	1
Androgenic?	1
Anemiagenic	1

Activity	Chemical Count
Anesthetic	7
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	2
Antiacetylcholine	1
Antiacetylcholinesterase	8
Antiacne	13
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	1
Antiadenomic	3
Antiadenoviral	1
Antiadenovirus	1
Antiaflatoxin	2
AntiAGE	2
Antiaggregant	14
Antiaging	6
Antiakathisic	1
Antialcoholic	5
Antiallergenic	2
Antiallergic	10
Antialopepic	4
Antialzheimeran	5
Antialzheimeran?	1
Antiamblyopic	1
Antianaphylactic	6

Activity	Chemical Count
Antiandrogenic	4
Antianemic	2
Antianginal	2
Antiangiogenic	6
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiaphthic	1
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	6
Antiartherosclerotic	2
Antiarthritic	9
Antiasthmatic	12
Antiatherogenic	2
Antiatheromic	1
Antiatherosclerotic	9
Antibacillary	1
Antibacillus	1
Antibackache	1
Antibacterial	47
Antiberiberi	1
AntiBPH	1
Antibradykinic	1
Antibronchitic	3
Anticalculic	1
Anticancer	11

Activity	Chemical Count
Anticancer (Breast)	1
Anticancer (Cervix)	2
Anticancer (Colon)	2
Anticancer (Forestomach)	2
Anticancer (Liver)	2
Anticancer (Lung)	2
Anticancer (Oral)	1
Anticancer (Pancreas)	1
Anticancer (Skin)	2
Anticanker	3
Anticapillary-Fragility	1
Anticarcinogenic	4
Anticarcinomic	4
Anticarcinomic (Breast)	1
Anticarcinomic (Colon)	1
Anticarcinomic (Lung)	1
Anticardiospasmic	1
Anticariogenic	7
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlastogen	3

Activity	Chemical Count
Anticlimacteric	4
Anticoagulant	3
Anticoeliac	1
Anticold	2
Anticolic	1
Anticolitic	3
Anticomplementary	4
Anticonvulsant	6
Anticorneotic	1
Anticoronary	5
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	7
Antidermatitic	6
Antidiabetic	14
Antidiarrheic	3
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Camphor)	1
Antidote (Lead)	3

Activity	Chemical Count
Antidote (Mercury)	1
Antidote (Morphine)	1
Antidote (Paraquat)	1
Antidysenteric	2
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrhic	2
Antidyspeptic	1
Antidysphagic	1
AntiEBV	6
Antieczemic	3
Antiedemic	14
Antielastase	3
Antiemetic	1
Antiencephalitic	2
Antiencephalopathic	2
Antiendometriotic	2
Antienteritic	1
Antienterotic	1
Antiepileptic	4
Antierhythmic	1
Antiescherichic	5
Antiesophagitic	1
Antiestrogenic	4
Antifatigue	6
Antifeedant	21
Antifertility	2

Activity	Chemical Count
Antifibrinolytic	3
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrositic	1
Antifibrotic	3
Antiflu	9
Antifuruncular	1
Antigallstone	2
Antigastric	1
Antigastritic	3
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	3
Antigliomic	1
Antiglossitic	1
Antiglutamaergic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antigranular	1
AntiGTF	1
Antihalitotic	1
Antihangover	5
Antiheartburn	1
Antihelicobacter	2

Activity	Chemical Count
Antihematuric	1
Antihemolytic	2
Antihemorrhagic	1
Antihemorrhoidal	1
Antihepatitic	3
Antihepatoadenomic	1
Antihepatocarcinogenic	1
Antihepatotoxic	12
Antitherpetic	12
Antitherpetic?	1
Antihistaminic	12
AntiHIV	14
Antihydrophobic	1
Antihyperactivity	1
Antihypercholesterolemic	2
Antihyperglycemic	3
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihyperthyroid	2
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	39

Activity	Chemical Count
Antiinsomniac	3
Antiinsomnic	1
Antiischemic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	2
AntiLegionella	3
Antileishmanic	4
Antileptic	2
Antileukemic	15
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	5
Antileukotriene-D4	2
Antilipolytic	1
Antilipoperoxidant	4
Antilisteria	1
Antilithic	5
Antilithic?	1
Antilupus	1
AntiLyme	5
Antilymphomic	4
Antimaculitic	4
Antimalarial	8
Antimange	1
Antimastalgic	1
Antimastitic	1

Activity	Chemical Count
Antimeasles	1
Antimelanogenic	3
Antimelanomic	5
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	2
Antimetastatic	6
Antimetastatic (Stomach)	1
Antimigraine	4
Antimite	2
Antimitotic	3
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	2
Antimutagenic	26
Antimyalgic	1
Antimyocarditic	2
Antinauseant	1
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	4
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1

Activity	Chemical Count
AntiNF-kB	1
Antinitrosaminic	9
Antinitrosic	1
Antinociceptive	8
Antinyctalopic	1
Antiobesity	7
Antiodontalgic	1
Antionychyotic	2
Antiophidic	4
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiotitic	3
Antiototic	1
Antioxalate	1
Antioxidant	41
Antioxidant Synergist	1
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontitic	4
Antiperistaltic	2
Antipermeability	1

Activity	Chemical Count
Antiperoxidant	14
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplateque	3
Antiplasmodial	6
Antiplatelet	1
AntiPMS	5
Antipneumonic	2
Antipodriac	2
Antipolio	3
Antipoliomyelitic	2
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	10
Antiprostaglandin	5
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	4
Antiproteolytic	1
Antiprotozoal	1
Antipuritic	2
Antipsoriac	3
Antipurpuric	1
Antipyretic	5
Antiradicular	17

Activity	Chemical Count
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antiretroviral	1
Antirheumatalgic	1
Antirheumatic	7
Antirhinitic	1
Antisalmonella	4
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	1
Antiseptic	27
Antiserotonin	1
Antishingles	1
Antishock	1
Antisickling	2
Antisilicotic	1
Antisinusitic	1
Antispare-Tire	1
Antispasmodic	29
Antispasmophilic	1
Antistaphylococcic	10
Antistomatitic	3
Antistreptococcic	7
Antistress	5
Antistroke	2

Activity	Chemical Count
Antisunburn	3
Antisyncopic	1
Antisyndrome-X	6
Antitartar	1
Antithiamin	2
Antithrombic	2
Antithrombogenic	1
Antithyroid	4
Antithyrototoxic	1
Antititic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitubercular	2
Antitumor	26
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	6
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	7
Antitumor (Forestomach)	2
Antitumor (Gastric)	1
Antitumor (Liver)	2
Antitumor (Lung)	6
Antitumor (Mouth)	1
Antitumor (Nasopharynx)	1

Activity	Chemical Count
Antitumor (Ovary)	1
Antitumor (Pancreas)	1
Antitumor (Prostate)	4
Antitumor (Skin)	6
Antitumor (Stomach)	2
Antitumor-Promoter	10
Antitussive	4
Antiulcer	17
Antiulcerogenic	2
Antiurethrotic	1
Antivaccinia	1
Antivaginitic	3
Antivaricose	2
Antivertigo	1
Antiviral	28
Antiviral?	1
Antivulvitic	1
Antixerophthalmic	1
Antiyeast	2
Anxiolytic	7
AP-1-Inhibitor	1
Aphidifuge	1
Apoptotic	11
Aromatase-Inhibitor	1
Artemicide	2
Arteriodilator	1
Ascaricide	1

Activity	Chemical Count
Asthma-preventive	1
Astringent	3
ATPase-Inhibitor	1
Autotoxic	1
Bactericide	1
Bacteriostatic	1
Bacteristat	2
Barbituate-Synergist	1
Beta-Adrenergic Receptor Blocker	4
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	2
Bradycardiac	1
Bradycardic	1
Bronchodilator	1
Bronchomucolytic	1
Bronchomucotropic	1
Bronchoprotectant	1
Bronchorelaxant	1
Bronchorrheic	1
Bruchifuge	1
Bruchiphobe	1
Calcium-Antagonist	5
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Phosphodiesterase-Inhibitor	4
Cancer-Preventive	36

Activity	Chemical Count
Candidicide	14
Candidistat	2
Capillarigenic	1
Capillariprotective	2
Carcinogenic	7
Cardiac	1
Cardiomyopathogenic	1
Cardioprotective	10
Cardiotonic	3
Cardiotoxic	2
Carminative	3
Caspase-8-Inducer	1
Catabolic	2
Chelator	1
Chemopreventive	9
Cholagogue	4
Choleretic	14
Cholesterolytic	2
Choline-Sparing	2
Cicatrizant	1
Ciliotoxic	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	4
CNS-Paralytic	1
CNS-Stimulant	4

Activity	Chemical Count
CNS-Toxic	1
Co-carcinogenic	1
Cold-preventive	1
Coleopterifuge	1
Coleoptophile	1
Collagen-Sparing	2
Collagenic	2
Colorant	2
Comedolytic	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Congestant	1
Convulsant	2
Copper-Antagonist	1
Copper-Chelator	1
Corrosive	1
Cosmetic	3
Counterirritant	3
COX-1-Inhibitor	4
COX-2-Inhibitor	6
Culicide	2
Cyclooxygenase-Inhibitor	5
Cytochrome-P450-1A1-Inhibitor	1
Cytochrome-P450-1A2-Inhibitor	1
Cytochrome-P450-Inducer	1
Cytoprotective	2
Cytotoxic	13

Activity	Chemical Count
Decongestant	1
Decongestant?	1
Deiodinase-Inhibitor	2
Deliriant	1
Demulcent	1
Deodorant	2
Depressant	1
Dermal	1
Dermatitigenic	5
Detoxicant	3
Detoxicant (Alcohol)	1
Diaphoretic	2
Diaphoretic?	2
Differentiator	2
Disinfectant	1
Diuretic	12
DNA-Active	1
DNA-Protective	2
Dye	1
Ecbolic	1
Embryotoxic	1
Emetic	2
Encephalopathic	1
Energizer	1
Enterocontractant	1
Enterorelaxant	1
Epileptigenic	1

Activity	Chemical Count
Ergogenic	1
Erythrocytogenic	1
Estrogenic	4
Estrogenic?	1
Expectorant	11
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
FLavor	37
Floral-Inhibitor	1
FPTase-Inhibitor	1
Fumigant	1
Fungicide	27
Fungiphilic	1
Fungistat	3
Fungitoxic	1
GABA-nergic	1
Gastroprotective	4
Gastroedative	1
Glucosyl-Transferase-Inhibitor	2
Glutathione-Depleting	1
Gonadotrophic	1
Gram(+)icide	1
Gram(-)icide	1
GST-Inducer	1
Hemolytic	1

Activity	Chemical Count
Hemostat	6
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	2
Hepatoprotective	15
Hepatotonic	1
Hepatotoxic	2
Hepatotropic	3
Herbicide	12
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	2
Histaminic	1
HIV-RT-Inhibitor	1
Hyaluronidase-Inhibitor	1
Hydrocholerectic	1
Hypercholesterolemic	2
Hyperglycemic	1
Hypertensive	1
Hyperthermic	1
Hypnotic	1
Hypocholesterolemic	15
Hypocholesterolemic?	1
Hypoglycemic	10
Hypolipemic	1
Hypolipidemic	3
Hypotensive	11
Hypothermic	2

Activity	Chemical Count
Hypouricemic	1
ICAM-1-Inhibitor	1
IKK-Inhibitor	1
Ileorelaxant	1
Immunomodulator	9
Immunostimulant	12
Immunosuppressant	5
Inhalant	1
iNOS-Inhibitor	2
Inotropic	2
Insect-Repellent	2
Insecticide	10
Insectifuge	26
Insectiphile	5
Insulin-Sparing	1
Insulinogenic	6
Interferon-Synergist	1
Interferonogenic	2
Interleukin-1-alpha-Inhibitor	1
Interleukin-6-Inhibitor	3
Interleukin-6-mRNA-Inhibitor	1
Irritant	23
Juvabional	4
Keratitigenic	1
Larvicide	5
Larvostat	3
Laxative	8

Activity	Chemical Count
Laxative?	1
Leptogenic	1
Leukotriene-Inhibitor	2
Lipolytic	1
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	10
Lithogenic	1
Litholytic	2
Lubricant	2
Lyase-Inhibitor	1
MAO-A-Inhibitor	1
MAO-Inhibitor	2
MAPK-Inhibitor	1
Mast-Cell-Stabilizer	1
Memorigenic	1
Memory-Enhancer	1
Metal-Chelator	3
Metal-Chelator (Copper)	1
Metalloproteinase-Inhibitor	1
Metastatic	1
MMP-9-Inhibitor	1
Mosquitocide	2
Mosquitofuge	2
Motor-Depressant	4
Mucogenic	2
Mucolytic	2
Musculotropic	1

Activity	Chemical Count
Mutagenic	4
Mutagenic?	1
Mycobactericide	1
Myoprotective	1
Myorelaxant	9
NADH-Oxidase-Inhibitor	2
Nematicide	13
Neoplastic	1
NEP-Inhibitor	1
Nephrotoxic	2
Neurodepressant	1
Neuropathogenic	1
Neuroprotective	3
Neurotransmitter	1
NF-kB-Inhibitor	4
NO-Genic	2
NO-Inhibitor	4
NO-Synthase-Inhibitor	2
Nociceptive	1
Nodulation-Signal	1
Occuloirritant	1
Odontolytic	1
Ornithine-Decarboxylase-Inhibitor	8
Osteogenic	1
Osteolytic	1
Oviposition-Stimulant	2
Ozone-Scavenger	1

Activity	Chemical Count
P21-Inducer	1
P450-2B1-Inhibitor	5
P450-Inducer	3
P450-Inhibitor	1
PAF-Inhibitor	1
Pancreatogenic	2
Percutaneostimulant	1
Perfumery	37
Peristaltic	2
Peroxynitrite-Scavenger	1
Pesticide	78
PGE2-Inhibitor	1
Phagocytotic	4
Pheromonal	1
Pheromone	1
Phosphodiesterase-Inhibitor	2
Phospholipase-Inhibitor	1
Photoactive	1
Photosensitizer	1
Phytoalexin	2
PKC-Inhibitor	1
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	2
Preservative	2
Progestational	1
Proliferant	1
Prooxidant	4

Activity	Chemical Count
Propepic	5
Prostaglandigenic	5
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	4
Protein-Kinase-C-Inhibitor	3
Protisticide	2
Psychotropic	1
PTK-Inhibitor	2
Quinone-Reductase-Inducer	2
Radioprotective	2
Refrigerant	2
Renoirritant	1
Renotoxic	1
Respirainhibitor	1
Respirastimulant	1
Reverse-Transcriptase-Inhibitor	2
Rubefacient	2
Secretagogue	2
Sedative	17
Sequestrant	1
Serotonergic	1
Soap	2
Spasmogenic	5
Spermicide	3
Spermigenic	1
Stimulant	1
Styptic	1

Activity	Chemical Count
Sunscreen	6
Suppository	1
Sweetener	2
Taenicide	1
Teratogenic	1
Teratologic	1
Termiticide	5
Termitifuge	4
Testosterone-Inducer	1
Testosteronigenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	4
TOPO-2-Inhibitor	1
Topoisomerase-I-Inhibitor	3
Topoisomerase-II-Inhibitor	6
Toxic	1
Tranquilizer	4
Transdermal	6
Trichomonicide	6
Tumor-Promoter	2
Tumorigenic	2
Tyrosinase-Inhibitor	5
Tyrosine-Kinase-Inhibitor	1
Ubiquit	6
Ulcerogenic	2
Uricosuric	2
Urinary-Acidulant	1

Activity	Chemical Count
Uterorelaxant	1
Uterosedative	1
Uterotrophic	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	10
Vasopressor	1
VEGF-Inhibitor	3
Vermifuge	1
Verrucolytic	2
Vibriocide	2
Vulnerary	7
Xanthine-Oxidase-Inhibitor	10