

**Dr. Duke's Phytochemical and Ethnobotanical Databases**  
**Biological Activities found in *Rumex crispus***

<b>Activity</b>	<b>Chemical Count</b>
11B-HSD-Inhibitor	1
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	2
Acaricide	1
ACE-Inhibitor	4
Acetylcholinergic	1
Acidulant	1
AGEs-Inhibitor	1
Aldehyde-Oxidase-Inhibitor	2
Aldose-Reductase-Inhibitor	7
Allelochemic	4
Allergenic	4
Amphiglycemic?	1
Analgesic	6
Androgenic	1
Androgenic?	1
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	2
Anthelmintic	1
Antiacne	5
Antiacrodermatitic	1
Antiacrodynic	1
Antiadenomic	1
Antiaflatoxin	1
AntiAGE	2
Antiaggregant	8

Activity	Chemical Count
Antiaging	5
Antiakathisis	1
Antialcoholic	4
Antiallergic	5
Antialopepic	1
Antialzheimeran	5
Antiamblyopic	1
Antianaphylactic	2
Antiandrogenic	1
Antianemic	2
Antianginal	2
Antiangiogenic	4
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiapoplectic	1
Antiarabiflavinotic	1
Antiarrhythmic	4
Antiartherosclerotic	1
Antiarthritic	8
Antiasthmatic	5
Antiatherogenic	1
Antiatherosclerotic	7
Antibackache	1
Antibacterial	11
Antiberiberi	1
Antibiotic	1

Activity	Chemical Count
AntiBPH	1
Anticancer	4
Anticancer (Breast)	1
Anticancer (Cervix)	1
Anticancer (Lung)	1
Anticanker	3
Anticapillary-Fragility	2
Anticarcinomic	1
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticariogenic	2
Anticarpal-Tunnel	1
Anticataract	9
Anticephalagic	2
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Anticirrhotic	1
Anticlastogen	1
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	3
Anticomplementary	2
Anticonvulsant	3

Activity	Chemical Count
Anticorneotic	1
Anticoronary	4
AntiCrohn's	3
AntiCTS	1
AntiCVI	1
Anticystitic	1
Anticytomegalovirus	1
Antidandruff	2
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	6
Antidermatitic	4
Antidiabetic	10
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1
Antidyskinetic	1
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1

Activity	Chemical Count
AntiEBV	1
Antieczemic	2
Antiedemic	5
Antielastase	2
Antiencephalitic	2
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antierythemic	1
Antiescherichic	1
Antiestrogenic	2
Antifatigue	5
Antifeedant	5
Antifertility	1
Antifibromyalgic	1
Antifibrosarcomic	1
Antifibrotic	3
Antiflu	3
Antifuruncular	1
Antigallstone	1
Antigastric	1
Antigastritic	2
Antigastrotic	1
Antigingivitic	1
Antiglaucomic	3
Antiglossitic	1

Activity	Chemical Count
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	1
Antigout	1
AntiGTF	1
Antihangover	4
Antiheartburn	1
Antihematuric	1
Antihemorrhagic	2
Antihemorrhoidal	1
Antihepatitic	2
Antihepatotoxic	7
Antitherpetic	5
Antitherpetic?	1
Antihistaminic	4
AntiHIV	6
Antihydrophobic	1
Antihyperactivity	1
Antihyperglycemic	1
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperlipoproteinaemic	1
Antihypertensive	8
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1

Activity	Chemical Count
Antiinfertility	2
Antiinflammatory	10
Antiinsomniac	3
Antiinsomnic	1
Antischemic	1
Antikeratitic	1
Antikeshan	1
Antiketotic	1
Antileishmanic	1
Antileptic	2
Antileukemic	5
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antilipolytic	1
Antilipoperoxidant	3
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphomic	3
Antimaculitic	4
Antimalarial	2
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanomic	3
AntiMeniere's	1

Activity	Chemical Count
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	4
Antimigraine	4
Antimitral-valve-prolapse	1
AntiMRSA	1
AntiMS	1
Antimutagenic	10
Antimyalgic	1
Antimyocarditic	2
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	1
Antinitrosic	1
Antinociceptive	3
Antinyctalopic	1
Antiobesity	5
Antionychoytic	1
Antiophidic	2



Activity	Chemical Count
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxidant	14
Antiozenic	1
Antipancreatic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1
Antipellagic	2
Antiperiodontal	1
Antiperiodontitic	3
Antiperistaltic	1
Antipermeability	1
Antiperoxidant	4
Antipharyngitic	1
Antiphotophobic	2
Antipityriasic	1
Antiplaque	4
Antiplasmodial	1
Antiplaquet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	2
Antipolio	1
Antipoliomyelitic	2

Activity	Chemical Count
Antiporphyrin	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	5
Antiprostaglandin	2
Antiprostanoid	1
Antiprostataadenomic	1
Antiprostatic	3
Antiprotozoal	1
Antipsoriatic	2
Antipurpuric	2
Antipyretic	2
Antiradicular	8
AntiRaynaud's	3
Antirenetic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirhinitic	1
Antisarcotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	6
Antishingles	1
Antisilicotic	1
Antispare-Tire	1
Antispasmodic	9

Activity	Chemical Count
Antispasmodic	1
Antisprout	1
Antistaphylococcal	1
Antistomatitic	1
Antistreptococcal	1
Antistress	4
Antistroke	2
Antisunburn	1
Antisyndrome-X	6
Antithiamin	1
Antithrombic	1
Antithrombogenic	2
Antithyroid	1
Antitic	1
Antitinnitic	1
Antitriglyceride	2
Antitrypanosomic	2
Antitumor	8
Antitumor (Bladder)	1
Antitumor (brain)	1
Antitumor (Breast)	5
Antitumor (Cervix)	1
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Gastric)	1
Antitumor (Lung)	5
Antitumor (Ovary)	1

Activity	Chemical Count
Antitumor (Prostate)	2
Antitumor (Skin)	1
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antitussive	1
Antiulcer	10
Antiulcerogenic	1
Antivaginitic	2
Antivaricose	2
Antivertigo	1
Antiviral	9
Antiviral?	1
Antiwrinkle	1
Antixerophthalmic	1
Anxiolytic	5
AP-1-Inhibitor	1
Apoptotic	5
Artemicide	1
Asthma-preventive	1
Astringent	1
ATPase-Inhibitor	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	3
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Bird-Repellent	1
Bradycardiac	1

Activity	Chemical Count
Calcium-Antagonist	6
Calcium-Channel-Blocker	1
Calmodulin-Antagonist	1
cAMP-Inhibitor	1
cAMP-Phosphodiesterase-Inhibitor	3
Cancer-Preventive	14
Candidicide	4
Capillarifortificant	1
Capillarigenic	1
Capillariprotective	2
Carcinogenic	3
Cardiomyopathogenic	1
Cardioprotective	8
Cardiotonic	3
Cardiotoxic	1
Caspase-8-Inducer	1
Catabolic	2
Cathartic	3
Chelator	1
Chemopreventive	2
Choleretic	1
Choline-Sparing	1
Circulotonic	1
CNS-Depressant	3
CNS-Paralytic	1
Cold-preventive	1
Collagenase-Inhibitor	1

Activity	Chemical Count
Collagenic	2
Colorant	1
COMP-Inhibitor	1
COMT-Inhibitor	1
Copper-Antagonist	1
Copper-Chelator	1
COX-1-Inhibitor	2
COX-2-Inhibitor	4
Cyclooxygenase-Activator	3
Cyclooxygenase-Inhibitor	3
Cytochrome-P450-1A2-Inhibitor	1
Cytoprotective	1
Cytotoxic	4
Deiodinase-Inhibitor	1
Deodorant	1
Depressant	1
Dermatitigenic	2
Detoxicant	2
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	2
Discutient	1
Diuretic	8
Dye	1
Encephalopathic	1
Energizer	1
Ergogenic	1

Activity	Chemical Count
Erythrocytogenic	1
Estrogenic	3
Estrogenic?	1
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Fungicide	5
Gastroprotective	1
Genotoxic	1
Glucosyl-Transferase-Inhibitor	2
Gonadotrophic	1
Gonadotropic	1
Hemostat	5
Hemostatic	1
Hepatomagenic	2
Hepatoprotective	7
Hepatotonic	1
Hepatotoxic	1
HIV-RT-Inhibitor	1
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	9
Hypoglycemic	8
Hypolipidemic	3
Hypotensive	10
Hypouricemic	1

Activity	Chemical Count
Immunomodulator	6
Immunostimulant	8
Immunosuppressant	3
iNOS-Inhibitor	2
Inotropic	1
Insecticide	1
Insectifuge	1
Insectiphile	2
Insulinogenic	5
Interferon-Synergist	1
Interferonogenic	1
Irritant	1
Juvabional	2
Keratitigenic	1
Larvostat	2
Laxative	4
Leptigenic	1
Leucocytogenic	1
Lipoxygenase-1-Inhibitor	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	2
Lubricant	1
MAO-A-Inhibitor	2
MAO-Inhibitor	2
Mast-Cell-Stabilizer	1
Memorigenic	1



Activity	Chemical Count
Memory-Enhancer	1
Metal-Chelator (Copper)	2
Metalloproteinase-Inhibitor	1
MMP-2-Inhibitor	1
MMP-7-Inhibitor	1
MMP-9-Inhibitor	2
Mucogenic	2
Mucolytic	1
Mutagenic	3
Myoprotective	1
Myorelaxant	2
NADH-Oxidase-Inhibitor	1
NEP-Inhibitor	1
Neuroprotective	3
Neurotransmitter	1
NF-kB-Inhibitor	3
NO-Inhibitor	3
NO-Synthase-Inhibitor	1
Occuloirritant	1
Ornithine-Decarboxylase-Inhibitor	3
Osteogenic	1
Oviposition-Stimulant	1
P450-Inducer	1
P450-Inhibitor	1
PAF-Inhibitor	1
Pancreatogenic	1
Paralytic	1

Activity	Chemical Count
Parasiticide	1
Pesticide	23
PGE2-Inhibitor	2
Phagocytotic	2
Phospholipase-Inhibitor	1
Pigment	2
Plasmodicide	1
Polyamine-Synthesis-Inhibitor	1
Proliferant	1
Prooxidant	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	2
Protein-Kinase-C-Inhibitor	3
Protisticide	1
Psychotropic	1
PTK-Inhibitor	2
Purgative	3
Quinone-Reductase-Inducer	1
Radioprotective	1
Renotoxic	1
Reverse-Transcriptase-Inhibitor	1
Rubefacient	1
Sedative	1
Serotonergic	1
Spermicide	1
Spermigenic	1
Styptic	1

Activity	Chemical Count
Sunscreen	1
Sweetener	1
Taenicide	1
Teratologic	1
Termitifuge	1
Testosteronigenic	1
Thymoprotective	1
Tissue-Thromboplastin-Inhibitor	2
TNF-alpha-Inhibitor	1
Topoisomerase-I-Inhibitor	1
Topoisomerase-II-Inhibitor	3
Toxic	1
Tranquilizer	2
Trichomonicide	2
Tumorigenic	1
Tyrosinase-Inhibitor	1
Tyrosine-Kinase-Inhibitor	2
Ubiquiot	2
Ulcerogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Varroacide	1
Vasoconstrictor	1
Vasodilator	10
Vasopressor	2
Vasorelaxant	1

Activity	Chemical Count
VEGF-Inhibitor	2
Vulnerary	2
Xanthine-Oxidase-Inhibitor	5