

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ligustrum japonicum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
176	QUERCETIN	Flower				--
102	CAFFEIC-ACID	Flower				--
89	URSOLIC-ACID	Fruit				--
77	ZINC	Fruit		24.0	-0.1895875891620866	--
76	EUGENOL	Flower				--
75	KAEMPFEROL	Flower				--
65	MAGNESIUM	Fruit		1020.0	-0.5138726333589669	--
64	OLEANOLIC-ACID	Fruit				--
61	FERULIC-ACID	Flower				--
28	CALCIUM	Fruit		3040.0	-0.18836655613377604	--
27	LINOLEIC-ACID	Fruit				--
26	PHENOL	Flower Essent. Oil				--
25	P-COUMARIC-ACID	Leaf				--
24	BENZALDEHYDE	Flower				--
21	LUPEOL	Seed				--
20	BENZOIC-ACID	Flower				--
18	OLEIC-ACID	Fruit				--
18	GUAIACOL	Flower				--
18	MANNITOL	Leaf				--
14	MANGANESE	Fruit		26.0	-0.23209688164812706	--
14	POTASSIUM	Fruit		16800.0	-0.09878143440473125	--
13	PALMITIC-ACID	Seed				--
12	COPPER	Fruit		12.0	-0.06373869485264942	--
10	ALPHA-AMYRIN	Flower				--
9	SYRINGIN	Leaf				--
9	BETA-AMYRIN	Flower				--
9	SYRINGIN	Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	BENZYL-ALCOHOL	Flower				--
9	OLEUROPEIN	Leaf				--
9	OLEUROPEIN	Fruit				--
9	OLEUROPEIN	Bark				--
8	M-CRESOL	Flower				--
8	FRUCTOSE	Fruit				--
8	STEARIC-ACID	Seed				--
8	P-CRESOL	Flower				--
7	GLUCOSE	Fruit				--
6	O-CRESOL	Flower				--
6	PHENETHYL-ALCOHOL	Flower				--
6	IRON	Fruit		120.0	-0.051480525146559	--
3	N-HENTRIACONTANE	Flower				--
2	PHENYLACETIC-ACID	Flower				--
2	ARSENIC	Fruit		0.6	0.23199328320775964	--
2	N-HEXACOSANE	Flower				--
1	PHILLYRIN	Leaf				--
1	P-HYDROXYCINNAMIC-ACID	Fruit				--
1	SODIUM	Fruit		54.0	-0.17883002710316093	--
1	N-NONACOSANE	Flower				--
1	ALPHA-MANNITE	Fruit				--
0	N-HEPTACOSANE	Flower				--
0	UFA	Seed		119945.0	-1.274033279838089	--
0	4-HYDROXY-BETA-PHENYLETHYL-BETA-D-GLUCOPYRANOSIDE	Bark				--
0	N-PENTACOSANOL	Flower				--
0	3,4-DIHYDROXY-BETA-PHENYLEHTYL-BETA-D-GLUCOPYRANOSIDE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	N-PENTACOSANE	Flower				--
0	N-HENEICOSANOL	Flower				--
0	2-METHYL-3-BUTENE-2-OL-2-O-BETA-APIOFURANOSYL-(1...	Bark				--
0	N-OCTADECANOL	Flower				--
0	SYRINGENIN	Leaf				--
0	N-HENEICOSANE	Flower				--
0	NUZHNIDE	Plant				--
0	LINALOL	Flower				--
0	2-(4-HYDROXYPHENYL)-ETHYL-BETA-D-GLUCOSIDE	Plant				--
0	N-OCTACOSANOL	Flower				--
0	SYRINGENIN	Bark				--
0	N-EICOSANOL	Flower				--
0	NONACOSANOL	Seed				--
0	LIGUSTROSIDE	Leaf				--
0	10-HYDROXYOLEUROPEIN	Leaf				--
0	N-OCTACOSANE	Flower				--
0	FAT	Seed		149000.0	-0.6130550748129857	--
0	N-DOTRIACONTANE	Flower				--
0	N-TRITRIACONTANE	Flower				--
0	LIGUSTROSIDE	Bark				--
0	N-NONADECANOL	Flower				--
0	N-DOCOSANOL	Flower				--
0	N-TRICOSANOL	Flower				--
0	LIGUSTALOSIDE-B	Leaf				--
0	P-HYDROXY-BETA-PHENYLETHYL-ALCOHOL	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	D-SYRINGARESINOL-BIS-BETA-D-GLUCOPYRANOSIDE	Bark				--
0	SFA	Seed		29055.0	-0.2929521958877326	--
0	N-DOCOSANE	Flower				--
0	ALPHA-MANNITOL	Fruit				--
0	N-TRICOSANE	Flower				--
0	LIGUSTALOSIDE-A	Leaf				--
0	N-HEXACOSANOL	Flower				--
0	D-PINORESINOL-BETA-D-GLUCOPYRANOSIDE	Bark				--
0	REDUCING-SUGARS	Seed		155000.0		--
0	N-TRIACONTANE	Flower				--
0	L-OLIVIL-BETA-D-GLUCOPYRANOSIDE	Bark				--
0	N-TETRACOSANOL	Flower				--
0	N-HEPTACOSANOL	Flower				--
0	CIS-3-HEXEN-1-OL	Flower				--
0	ACETYL-OLEANOLIC-ACID	Fruit				--
0	N-TETRACOSANE	Flower				--