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830	Differentiation in floral scent chemistry among populations of <i>Conopodium majus</i> (Apiaceae). 1994 , 14, 361-368		16
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821	Asynchronous rhythms in the emission of volatiles from <i>Hesperis matronalis</i> flowers. <i>Phytochemistry</i> , 1995 , 38, 847-851	4	48
820	Volatile compounds emitted from flowers and leaves of <i>Brugmansia laetiflora</i> (Solanaceae). <i>Phytochemistry</i> , 1995 , 40, 1093-1095	4	18
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814	Aroma Compounds in Food. 1995 , 1-10		2
813	The role of attention in learning about odorants. 1996 , 191, 76-83		38
812	Floral Scents and Pollination in Neotropical Lecythidaceae. 1996 , 28, 42		37
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810	Pollen advertisement: chemical contrasts between whole-flower and pollen odors. 1996 , 83, 877-885		45
809	Corn volatiles as attractants for northern and western corn rootworm beetles (Coleoptera: Chrysomelidae: <i>Diabrotica</i> spp.). 1996 , 22, 1237-53		32

808	Electroantennogram activity from antennae of <i>Ceratitis capitata</i> (Wied.) to fresh orange airborne volatiles. 1996 , 22, 1607-19		27
807	Volatiles emitted by apple fruitlets infested by larvae of the European apple sawfly. <i>Phytochemistry</i> , 1996 , 42, 373-381	4	59
806	Naphthalene β constituent of Magnolia flowers. <i>Phytochemistry</i> , 1996 , 42, 999-1004	4	51
805	Evolution of floral scent in Clarkia: novel patterns of S-linalool synthase gene expression in the C. breweri flower. 1996 , 8, 1137-48		300
804	Phenylpropanoids as attractants for adult <i>Stomoxys calcitrans</i> (Diptera: Muscidae). 1996 , 33, 859-62		6
803	Evolution of Floral Scent in Clarkia: Novel Patterns of S-Linalool Synthase Gene Expression in the C. breweri Flower. 1996 , 8, 1137		22
802	Subcellular Localization of Secondary Lipid Metabolites Including Fragrance Volatiles in Carnation Petals. 1997 , 114, 705-713		25
801	Attractiveness of Synthetic Corn Volatiles to Feral Northern and Western Corn Rootworm Beetles (Coleoptera: Chrysomelidae). 1997 , 26, 311-317		15
800	Volatiles Emitted from Flowers of β Radiated and Nonradiated <i>Jasminum polyanthum</i> Franch. in Situ. 1997 , 45, 2199-2203		13
799	Prospects for the bioengineering of isoprenoid biosynthesis. 1997 , 55, 107-46		46
798	Olfactory conditioning in the honey bee, <i>Apis mellifera</i> : effects of odor intensity. 1997 , 61, 107-17		95
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796	Methyl Anthranilate, a Novel Attractant for the Soybean Beetle, <i>Anomala rufocuprea</i> MOTSCHULSKY (Coleoptera: Scarabaeidae). 1997 , 32, 45-48		11
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792	Field Discrimination of Oilseed Rape, <i>Brassica napus</i> Volatiles by Cabbage Seed Weevil, <i>Ceutorhynchus assimilis</i> . 1997 , 23, 2555-2567		26
791	Olfactory versus visual cues in a floral mimicry system. 1997 , 109, 414-426		95

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788	Inflorescence odour of <i>Senecio articulatus</i> : Temporal variation in isovaleric acid levels. <i>Phytochemistry</i> , 1997 , 45, 1135-1138	4	17
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786	Field Attraction of <i>Hoplia communis</i> to 2-Phenylethanol, A Major Volatile Component from Host Flowers, <i>Rosa</i> spp.. 1998 , 24, 1491-1497		11
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784	Induzierte und konstitutiv emittierte Pflanzendüfte: Mevalonat-unabhängige Biosynthese terpenoider Duftstoffe. 1998 , 110, 2622-2625		9
783	Mevalonate-Independent Biosynthesis of Terpenoid Volatiles in Plants: Induced and Constitutive Emission of Volatiles. 1998 , 37, 2478-2481		93
782	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution of β -Hydroxyketones with Aldolase Antibodies. 1998 , 37, 2481-2484		82
781	Ultramicrochemistry of insect semiochemicals. 1998 , 129, 167-180		4
780	Circadian rhythmicity in emission of volatile compounds by flowers of <i>Rosa hybrida</i> L. cv. Honesty. 1998 , 207, 88-95		81
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778	Selected ion flow tube studies of the reactions of H ₃ O ⁺ , NO ⁺ , and O ₂ ⁺ with several aromatic and aliphatic hydrocarbons. 1998 , 181, 1-10		182
777	Acetyl-CoA:benzylalcohol acetyltransferase—an enzyme involved in floral scent production in <i>Clarkia breweri</i> . 1998 , 14, 297-304		173
776	Differences in composition and release rate of volatiles emitted by black spruce seed cones sampled in situ versus ex situ. 1998 , 28, 311-316		10
775	Emission of 2-methyl-3-buten-2-ol by pines: A potentially large natural source of reactive carbon to the atmosphere. 1998 , 103, 25479-25486		160
774	Dynamic Headspace Analysis of Floral Volatiles: A Comparison of Methods. 1998 , 81, 238		119
773	Volatile components of <i>Plantago lanceolata</i> (Plantaginaceae). 1998 , 145, 265-269		22

772	Molecular characterization of an Arabidopsis gene encoding hydroperoxide lyase, a cytochrome P-450 that is wound inducible. 1998 , 117, 1393-400	107
771	Les substances volatiles de Argania spinosa (Sapotaceae). 1998 , 145, 259-263	10
770	Floral scent production in Clarkia breweri. III. Enzymatic synthesis and emission of benzenoid esters. 1998 , 116, 599-604	78
769	Comparative Kairomonal Chemical Ecology of Diabroticite Beetles (Coleoptera: Chrysomelidae: Galerucinae: Luperini: Diabroticina) in a Reconstituted Tallgrass Prairie Ecosystem. 1998 , 91, 881-890	17
768	Structure and evolution of linalool synthase. 1998 , 15, 1491-8	100
767	Structure Activity Relationships of Phenyl Alkyl Alcohols, Phenyl Alkyl Amines, and Cinnamyl Alcohol Derivatives as Attractants for Adult Corn Rootworm (Coleoptera: Chrysomelidae: Diabrotica spp.). 1998 , 27, 688-694	7
766	Remarkable nectaries: structure, ecology, organophyletic perspectives: II. Nectarioles. 1998 , 193, 1-29	64
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763	The role of floral scent of the cherry tree, Prunus yedoensis, in the foraging behavior of Luehdorfia japonica (Lepidoptera : Papilionidae). 1999 , 34, 309-313	16
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761	Spider mite-induced (3S)-(E)-nerolidol synthase activity in cucumber and lima bean. The first dedicated step in acyclic C11-homoterpene biosynthesis. 1999 , 121, 173-80	103
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758	Interspecies variation in floral fragrances emitted by tropical Ficus species. <i>Phytochemistry</i> , 1999 , 52, 1293-1299	4 66
757	Floral scent chemistry and pollination ecology in phytelephantoid palms (Arecaceae). 1999 , 217, 279-297	65
756	New Perspectives in Pollination Biology: Floral Fragrances. A day in the life of a linalool molecule: Chemical communication in a plant-pollinator system. Part 1: Linalool biosynthesis in flowering plants. 1999 , 14, 95-120	146
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754	Pollen odor chemicals as modulators of bumble bee foraging on <i>Rosa rugosa</i> Thunb. (Rosaceae). 1999 , 14, 153-166	99
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752	Chemical and Chromatic Bases for Preferential Visiting By the Cabbage Butterfly, <i>Pieris rapae</i> , to Rape Flowers. 1999 , 25, 1895-1906	61
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744	Electrophysiological response to herbivore-induced host plant volatiles in the moth <i>Spodoptera littoralis</i> . 1999 , 24, 377-385	60
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742	Determination of floral fragrances of <i>Rosa hybrida</i> using solid-phase trapping-solvent extraction and gas chromatography-mass spectrometry. 2000 , 902, 389-404	50
741	Floral scent compounds of Amazonian Annonaceae species pollinated by small beetles and thrips. <i>Phytochemistry</i> , 2000 , 55, 551-8	4 100
740	The ecology and evolution of pollen odors. 2000 , 222, 63-87	214
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737	Floral Scent of <i>Osmanthus fragrans</i> Discourages Foraging Behavior of Cabbage Butterfly, <i>Pieris rapae</i> . 2000 , 26, 655-666	64

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732	Response characteristics of an identified, sexually dimorphic olfactory glomerulus. 2000 , 20, 2391-9	86
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730	Olfactory discrimination ability for aliphatic odorants as a function of oxygen moiety. 2000 , 25, 189-97	29
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722	Biochemical and molecular genetic aspects of floral scents. 2000 , 122, 627-33	346
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720	Plant odor analysis of apple: antennal response of codling moth females to apple volatiles during phenological development. 2001 , 49, 3736-41	135
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708	Fragrance volatiles of developing and senescing carnation flowers. <i>Phytochemistry</i> , 2001 , 56, 703-10	4		46
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690	Influence of plant volatiles on feeding damage caused by the onion thrips <i>Thrips tabaci</i> . 2002 , 21, 419-425	74
689	Olfactory sensitivity for aliphatic esters in squirrel monkeys and pigtail macaques. 2002 , 134, 165-74	51
688	Plant odour processing in the antennal lobe of male and female grapevine moths, <i>Lobesia botrana</i> (Lepidoptera: Tortricidae). 2002 , 48, 1111-1121	20
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686	Flower scent composition in night-flowering <i>Silene</i> species (Caryophyllaceae). 2002 , 30, 383-397	140
685	Olfactory discrimination of structurally similar alcohols by cockroaches. 2002 , 188, 787-97	30
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683	Floral scent chemistry of mangrove plants. 2002 , 115, 47-53	35

682	Volatiles from flowers of <i>Platanthera bifolia</i> (Orchidaceae) attractive to the silver Y moth, <i>Autographa gamma</i> (Lepidoptera: Noctuidae). 2002 , 99, 69-74		67
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680	The role of pollen odour in the attraction of pollen beetles to oilseed rape flowers. 2002 , 104, 43-50		48
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677	Characterization of a chemosensory protein (ASP3c) from honeybee (<i>Apis mellifera</i> L.) as a brood pheromone carrier. 2002 , 269, 4586-96		115
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675	Fig volatile compounds--a first comparative study. <i>Phytochemistry</i> , 2002 , 61, 61-71	4	110
674	A cDNA clone for beta-caryophyllene synthase from <i>Artemisia annua</i> . <i>Phytochemistry</i> , 2002 , 61, 523-9	4	99
673	Olfactory network dynamics and the coding of multidimensional signals. 2002 , 3, 884-95		523
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662	Antennal responses to floral scents in the butterflies <i>Inachis io</i> , <i>Aglais urticae</i> (Nymphalidae), and <i>Gonepteryx rhamni</i> (Pieridae). 2003 , 13, 13-20	63
661	Functional identification of AtTPS03 as (E)-beta-ocimene synthase: a monoterpene synthase catalyzing jasmonate- and wound-induced volatile formation in <i>Arabidopsis thaliana</i> . 2003 , 216, 745-51	112
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659	Flower scent composition in <i>Dianthus</i> and <i>Saponaria</i> species (Caryophyllaceae) and its relevance for pollination biology and taxonomy. 2003 , 31, 345-357	82
658	The floral scent of <i>Cyathostegia mathewsii</i> (Leguminosae, Papilionoideae) and preliminary observations on reproductive biology. 2003 , 31, 951-962	8
657	Sampling and sample preparation for analysis of aromas and fragrances. 2003 , 22, 160-169	99
656	Cuticle characteristics and volatile emissions of petals in <i>Antirrhinum majus</i> . 2003 , 117, 435-443	56
655	An <i>Arabidopsis thaliana</i> gene for methylsalicylate biosynthesis, identified by a biochemical genomics approach, has a role in defense. 2003 , 36, 577-88	229
654	When leaves act like flowers: how dwarf palms attract their pollinators. 2003 , 6, 28-34	47
653	Notes on <i>Eriotheca longitubulosa</i> (Bombacaceae ¹), a rare, putatively hawkmoth-pollinated species new to the Guianas. 2003 , 55, 305-316	10
652	The pollination of <i>Trimenia moorei</i> (Trimeniaceae): floral volatiles, insect/wind pollen vectors and stigmatic self-incompatibility in a basal angiosperm. 2003 , 92, 445-58	76
651	Chemoecology of Parasitoid and Predator Oviposition Behaviour. 291-317	8
650	Successful acquisition of an olfactory discrimination paradigm by spider monkeys, <i>Ateles geoffroyi</i> . 2003 , 78, 321-9	42
649	Chapter eleven The SABATH family of MTS in <i>Arabidopsis Thaliana</i> and other plant species. 2003 , 253-283	43
648	Biosynthesis and emission of terpenoid volatiles from <i>Arabidopsis</i> flowers. 2003 , 15, 481-94	335
647	Reproductive biology of <i>Montrichardia arborescens</i> (Araceae) in French Guiana. 2003 , 19, 103-107	38

646	Associative learning of complex odours in parasitoid host location. 2003 , 28, 231-6	71
645	(E)-beta-ocimene and myrcene synthase genes of floral scent biosynthesis in snapdragon: function and expression of three terpene synthase genes of a new terpene synthase subfamily. 2003 , 15, 1227-41	339
644	The systematic utility of floral and vegetative fragrance in two genera of nyctaginaceae. 2003 , 52, 334-51	54
643	Evidence for positive selection on the floral scent gene isoeugenol-O-methyltransferase. 2003 , 20, 168-72	24
642	Parasitic wasps learn and report diverse chemicals with unique conditionable behaviors. 2003 , 28, 545-9	42
641	. 2003 ,	12
640	Olfactory landscapes and deceptive pollination. 2003 , 631-650	16
639	FRAGRANCE AND PIGMENTS Odoriferous Substances and Pigments. 2003 , 231-240	7
638	LINKING CHEMISTRY AND GENOMICS FOR THE STUDY OF SECONDARY METABOLISM IN AROMATIC AND MEDICINAL PLANTS. 2004 , 435-447	1
637	Why do flowers smell? The chemical ecology of fragrance-driven pollination. 2004 , 151-178	15
636	"Aqua-space", a new headspace method for isolation of natural floral aromas using humidified air as a carrier gas. 2004 , 68, 454-7	7
635	Variation in complex olfactory stimuli and its influence on odour recognition. 2004 , 271, 147-52	47
634	Chapter one Arabidopsis thaliana, a model system for investigating volatile terpene biosynthesis, regulation, and function. 2004 , 1-18	3
633	Increased and altered fragrance of tobacco plants after metabolic engineering using three monoterpene synthases from lemon. 2004 , 134, 510-9	112
632	Nectar-related vs. human-related volatiles: behavioural response and choice by female and male Anopheles gambiae (Diptera: Culicidae) between emergence and first feeding. 2004 , 94, 145-57	93
631	Functional significance of phytochemical lures to dacine fruit flies (Diptera: Tephritidae): an ecological and evolutionary synthesis. 2004 , 94, 385-99	35
630	Localization of production and emission of pollinator attractant on whole leaves of Chamaerops humilis (Arecaceae). 2004 , 91, 1190-9	34
629	Understanding in vivo benzenoid metabolism in petunia petal tissue. 2004 , 135, 1993-2011	328

628	Biochemistry of plant volatiles. 2004 , 135, 1893-902	710
627	Olfactory recognition and behavioural avoidance of angiosperm nonhost volatiles by conifer-inhabiting bark beetles. 2004 , 6, 1-20	230
626	Floral scent of bat-pollinated species: West Africa vs. the New World. 2004 , 82, 161-168	41
625	Trends in floral scent chemistry in pollination syndromes: floral scent composition in hummingbird-pollinated taxa. 2004 , 146, 191-199	57
624	Importance of visual and chemical cues in the development of an attractant trap for <i>Epicometis (Tropinota) hirta</i> Poda (Coleoptera: Scarabaeidae). 2004 , 23, 939-944	39
623	Flower scent composition in diurnal <i>Silene</i> species (Caryophyllaceae): phylogenetic constraints or adaption to flower visitors?. 2004 , 32, 841-859	52
622	Responses of female orange wheat Blossom midge, <i>Sitodiplosis mosellana</i> , to wheat panicle volatiles. 2004 , 30, 1319-28	72
621	Field capture of northern and western corn rootworm beetles relative to attractant structure and volatility. 2004 , 30, 1809-25	9
620	Selection of <i>Nothofagus</i> host trees by the aphids <i>Neuquenaphis staryi</i> and <i>Neuquenaphis edwardsi</i> . 2004 , 30, 2231-41	12
619	Bumble Bees Show Asymmetrical Discrimination Between Two Odors in a Classical Conditioning Procedure. 2004 , 17, 385-396	24
618	Rhythmic emission of floral volatiles from <i>Rosa damascena semperflorens</i> cv. 'Quatre Saisons'. 2004 , 219, 468-78	46
617	Association of cone thermogenesis and volatiles with pollinator specificity in <i>Macrozamia</i> cycads. 2004 , 243, 233-247	79
616	Male-biassed response of garden chafer, <i>Phyllopertha horticola</i> L., to leaf alcohol and attraction of both sexes to floral plant volatiles. 2004 , 14, 187	19
615	Chemical composition of the essential oils of <i>Lantana camara</i> L. occurring in south China. 2004 , 19, 229-232	29
614	Superheated water extraction of fragrance compounds from <i>Rosa canina</i> . 2004 , 19, 354-359	27
613	Headspace solid-phase microextraction for characterization of fragrances of lemon verbena (<i>Aloysia triphylla</i>) by gas chromatography-mass spectrometry. 2004 , 27, 96-100	33
612	Emission of 2-phenylethanol from its β -D-glucopyranoside and the biogenesis of these compounds from [2H8] l-phenylalanine in rose flowers. 2004 , 60, 7005-7013	28
611	Chemical composition of anther volatiles in Ranunculaceae: genera-specific profiles in <i>Anemone</i> , <i>Aquilegia</i> , <i>Caltha</i> , <i>Pulsatilla</i> , <i>Ranunculus</i> , and <i>Trollius</i> species. 2004 , 91, 1969-80	52

610	Enantioselective gas chromatography in flavor and fragrance analysis: strategies for the identification of known and unknown plant volatiles. 2004 , 42, 423-39	76
609	Oxidation of Heterocycles in the Atmosphere: Kinetic Study of Their Reactions with NO ₃ Radical. 2004 , 108, 10818-10823	29
608	WHY ARE SOME FLORAL NECTARS SCENTED?. 2004 , 85, 1486-1494	189
607	Importance of visual and chemical cues in the development of an attractant trap for <i>Epicometis (Tropinota) hirta</i> Poda (Coleoptera: Scarabaeidae). 2004 , 23, 939-939	
606	Volatile composition of coffee berries at different stages of ripeness and their possible attraction to the coffee berry borer <i>Hypothenemus hampei</i> (Coleoptera: Curculionidae). 2004 , 52, 5914-8	34
605	Assessing the suitability of flowering herbs as parasitoid food sources: flower attractiveness and nectar accessibility. 2004 , 29, 307-314	183
604	S-Linalool synthase activity in developing fruit of the columnar cactus <i>koubo</i> [<i>Cereus peruvianus</i> (L.) Miller]. 2004 , 167, 1257-1262	13
603	Formation of monoterpenes in <i>Antirrhinum majus</i> and <i>Clarkia breweri</i> flowers involves heterodimeric geranyl diphosphate synthases. 2004 , 16, 977-92	135
602	Nectar sugar composition and floral scent compounds of diurnal and nocturnal <i>Conophytum</i> species (Aizoaceae). 2004 , 70, 191-205	15
601	Musty-Earthy Scent in Cactus Flowers: Characteristics of Floral Scent Production in Dehydrogeosmin-Producing Cacti. 2004 , 165, 1007-1015	9
600	Olfaction and Learning in Moths and Weevils Living on Angiosperm and Gymnosperm Hosts. 2005 , 39, 269-292	7
599	BETA-GLUCOSIDASE ACTIVITY AND SCENT PRODUCTION IN SOME FLOWERS. 2005 , 195-199	
598	Qualitative and quantitative analyses of flower scent in <i>Silene latifolia</i> . <i>Phytochemistry</i> , 2005 , 66, 203-134	226
597	Floral benzenoid carboxyl methyltransferases: from in vitro to in planta function. <i>Phytochemistry</i> , 2005 , 66, 1211-30	4 99
596	Aroma production from cut sweet pea flowers (<i>Lathyrus odoratus</i>): the role of ethylene. 2005 , 124, 381-389	20
595	Pollination of <i>Alocasia cucullata</i> (Araceae) by two <i>Colocasiomyia</i> flies known to be specific pollinators for <i>Alocasia odora</i> . 2005 , 20, 201-208	24
594	Two sesquiterpene synthases are responsible for the complex mixture of sesquiterpenes emitted from <i>Arabidopsis</i> flowers. 2005 , 42, 757-71	262
593	Floral scent of <i>Eleocharis elegans</i> (Kunth) Roem. & Schult. (Cyperaceae). 2005 , 33, 675-679	15

592	Comparative analysis of the volatiles from flowers and leaves of three <i>Gentiana</i> species. 2005 , 33, 938-947	33
591	Study of reaction processes of furan and some furan derivatives initiated by Cl atoms. 2005 , 39, 1935-1944	43
590	Influence of rol genes in floriculture. 2005 , 23, 3-39	93
589	Intensity and the ratios of compounds in the scent of snapdragon flowers affect scent discrimination by honeybees (<i>Apis mellifera</i>). 2005 , 191, 105-14	103
588	The composition and timing of flower odour emission by wild <i>Petunia axillaris</i> coincide with the antennal perception and nocturnal activity of the pollinator <i>Manduca sexta</i> . 2005 , 222, 141-50	129
587	Floral scent emission and pollinator attraction in two species of <i>Gymnadenia</i> (Orchidaceae). 2005 , 142, 564-75	134
586	Priority of color over scent during flower visitation by adult <i>Vanessa indica</i> butterflies. 2005 , 142, 588-96	92
585	Spatial fragrance patterns in flowers of <i>Silene latifolia</i> : Lilac compounds as olfactory nectar guides?. 2005 , 255, 99-109	112
584	Genetic engineering in floriculture. 2005 , 80, 1-24	140
583	Products and Mechanism of the NO ₃ Reaction with Thiophene. 2005 , 51, 317-335	12
582	Further field evaluation of synthetic herbivore-induced plant volatiles as attractants for beneficial insects. 2005 , 31, 481-95	217
581	Floral odor variation in two heterostylous species of <i>Primula</i> . 2005 , 31, 1223-8	18
580	Response of the small hive beetle (<i>Aethina tumida</i>) to a blend of chemicals identified from honeybee (<i>Apis mellifera</i>) volatiles. 2005 , 36, 523-532	42
579	Characteristics of Unpleasant Odor Emitted by <i>Gypsophila</i> Inflorescences. 2005 , 74, 139-143	4
578	Suitability of (extra-)floral nectar, pollen, and honeydew as insect food sources. 2005 , 17-74	111
577	Perceptual and neural olfactory similarity in honeybees. 2005 , 3, e60	206
576	Social learning of floral odours inside the honeybee hive. 2005 , 272, 1923-8	108
575	Could learning of pollen odours by honey bees (<i>Apis mellifera</i>) play a role in their foraging behaviour?. 2005 , 30, 164-174	38

574	Emission mechanism of floral scent in <i>Petunia axillaris</i> . 2005 , 69, 773-7	52
573	Prior classical olfactory conditioning improves odour-cued flight orientation of honey bees in a wind tunnel. 2005 , 208, 3731-7	33
572	Experiential effects of appetitive and nonappetitive odors on feeding behavior in the blowfly, <i>Phormia regina</i> : a putative role for tyramine in appetite regulation. 2005 , 25, 7507-16	37
571	Ethylene-regulated floral volatile synthesis in <i>petunia</i> corollas. 2005 , 138, 255-66	120
570	Volatile composition, emission pattern, and localization of floral scent emission in <i>Mirabilis jalapa</i> (Nyctaginaceae). 2005 , 92, 2-12	55
569	Detecting danger--or just another odorant? Olfactory sensitivity for the fox odor component 2,4,5-trimethylthiazoline in four species of mammals. 2005 , 84, 211-5	50
568	Insect host location: a volatile situation. 2005 , 10, 269-74	860
567	Emission of methylbutyric acid from <i>Gypsophila paniculata</i> L. during bud opening: Changes in amino acid catabolism. 2005 , 106, 370-380	2
566	Odor Perception and the Variability in Natural Odor Scenes. 2005 , 39, 191-226	13
565	Biochemical Genetics and Genomics of Insect Esterases. 2005 , 309-381	119
564	Chemistry and geographic variation of floral scent in <i>Yucca filamentosa</i> (Agavaceae). 2005 , 92, 1624-31	85
563	Communication in Plants. 2006 ,	53
562	Olfactory discrimination ability of the short-nosed fruit bat <i>Cynopterus sphinx</i> . 2006 , 8, 247-253	15
561	Metabolic regulation underlying tomato fruit development. 2006 , 57, 1883-97	245
560	Biosynthesis of plant volatiles: nature's diversity and ingenuity. 2006 , 311, 808-11	609
559	Identification of the volatile component(s) causing the characteristic foxy odor in various cultivars of <i>Fritillaria imperialis</i> L. (Liliaceae). 2006 , 54, 5087-91	11
558	Olfactory sensitivity for aliphatic aldehydes in CD-1 mice. 2006 , 167, 349-54	31
557	The inclusion of a daisy plant (<i>Chrysanthemum coronarium</i>) in dairy sheep diet: 2. Effect on the volatile fraction of milk and cheese. 2006 , 101, 68-80	16

556	. 2006,	0
555	When Flowers Smell Fermented: The Chemistry and Ontogeny of Yeasty Floral Scent in Pawpaw (<i>Asimina triloba</i> : Annonaceae). 2006, 167, 33-46	75
554	Relationship between Floral Fragrance Composition and Type of Pollinator. 2006, 147-198	128
553	The Chemical Diversity of Floral Scent. 2006, 27-52	6
552	Why be a rewarding trap? The evolution of floral rewards in <i>Arum</i> (Araceae), a genus characterized by saprophilous pollination systems. 2006, 88, 257-268	26
551	Identification of <i>Mythmna separata</i> -induced maize volatile synomones that attract the parasitoid <i>Campoletis chloridae</i> . 2006, 130, 213-219	20
550	Synchronization between temporal variation in heat generation, floral scents and pollinator arrival in the beetle-pollinated tropical Araceae <i>Homalomena propinqua</i> . 2006, 21, 173-183	24
549	Nursery pollination by a moth in <i>Silene latifolia</i> : the role of odours in eliciting antennal and behavioural responses. 2006, 169, 707-18	135
548	The chemical nature of fetid floral odours in stapeliads (<i>Apocynaceae-Asclepiadoideae-Ceropegieae</i>). 2006, 172, 452-68	145
547	A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. 2006, 15, 615-36	484
546	Linalool and lilac aldehyde/alcohol in flower scents. Electrophysiological detection of lilac aldehyde stereoisomers by a moth. 2006, 1113, 231-8	61
545	Diversity and Distribution of Floral Scent. 2006, 72, 1-120	834
544	Localization of methyl benzoate synthesis and emission in <i>Stephanotis floribunda</i> and <i>Nicotiana suaveolens</i> flowers. 2006, 8, 615-26	13
543	Plant Volatiles: Recent Advances and Future Perspectives. 2006, 25, 417-440	788
542	Generation of phenylpropanoid pathway-derived volatiles in transgenic plants: rose alcohol acetyltransferase produces phenylethyl acetate and benzyl acetate in petunia flowers. 2006, 60, 555-63	81
541	The frequency of occurrence of acyclic monoterpene alcohols in the chemical environment does not determine olfactory sensitivity in nonhuman primates. 2006, 32, 1317-31	16
540	OsBISAMT1, a gene encoding S-adenosyl-L-methionine: salicylic acid carboxyl methyltransferase, is differentially expressed in rice defense responses. 2006, 33, 223-31	28
539	Estragole (4-allylanisole) is the primary compound in volatiles emitted from the male and female cones of <i>Cycas revoluta</i> . 2006, 119, 671-6	17

538	Propagation of olfactory information within the honeybee hive. 2006 , 60, 707-715	60
537	Wind tunnel attraction of grapevine moth females, <i>Lobesia Botrana</i> , to natural and artificial grape odour. 2006 , 16, 87-92	43
536	Chemical composition of leaf volatiles in <i>Macaranga</i> species (Euphorbiaceae) and their potential role as olfactory cues in host-localization of foundress queens of specific ant partners. 2006 , 34, 97-113	38
535	Nalle and Conditioned Responses of <i>Culex pipiens pipiens</i> Biotype <i>molestus</i> (Diptera: Culicidae) to Flower Odors. 2006 , 43, 1164-1170	34
534	Nalle and Conditioned Responses of <i>Culex pipiens pipiens</i> Biotype <i>molestus</i> (Diptera: Culicidae) to Flower Odors. 2006 , 43, 1164-1170	18
533	Metabolic Engineering of Floral Scent of Ornamentals. 2006 , 18, 325-346	4
532	Chapter 10 Plant allelochemicals in thrips control strategies. 2006 , 3, 221-249	5
531	Floral scent diversity is differently expressed in emitted and endogenous components in <i>Petunia axillaris</i> lines. 2006 , 98, 1253-9	26
530	Chemical and histochemical analysis of 'Quatre Saisons Blanc Mousseux', a Moss Rose of the <i>Rosa x damascena</i> group. 2006 , 97, 231-8	25
529	Tomato aromatic amino acid decarboxylases participate in synthesis of the flavor volatiles 2-phenylethanol and 2-phenylacetaldehyde. 2006 , 103, 8287-92	297
528	Floral Scent: Biosynthesis, Regulation and Genetic Modifications. 240-257	2
527	Plant phenylacetaldehyde synthase is a bifunctional homotetrameric enzyme that catalyzes phenylalanine decarboxylation and oxidation. 2006 , 281, 23357-66	211
526	Olfactory sensitivity for enantiomers and their racemic mixtures--a comparative study in CD-1 mice and spider monkeys. 2006 , 31, 655-64	26
525	Metabolic regulation of floral scent in <i>Petunia axillaris</i> lines: biosynthetic relationship between dihydroconiferyl acetate and iso-eugenol. 2007 , 71, 458-63	13
524	The scent of danger: arginine as an olfactory cue of reduced predation risk. 2007 , 210, 1768-75	29
523	Pollination of <i>Schisandra henryi</i> (Schisandraceae) by female, pollen-eating Megommata species (Cecidomyiidae, Diptera) in south-central China. 2007 , 99, 451-60	19
522	Natural product analysis in the fragrance industry. 2007 , 214-228	
521	Variability in floral scent in rewarding and deceptive orchids: the signature of pollinator-imposed selection?. 2007 , 100, 757-65	76

520	Nectar chemistry. 2007 , 215-264	236
519	Maxillary palps are broad spectrum odorant detectors in <i>Culex quinquefasciatus</i> . 2007 , 32, 727-38	82
518	Understanding the logics of pheromone processing in the honeybee brain: from labeled-lines to across-fiber patterns. 2007 , 1, 5	50
517	Oxygenated Volatile Organic Compounds. 2007 , 129-172	14
516	FLORAL BIOLOGY OF NORTH AMERICAN OENOTHERA SECT. LAVAUZIA (ONAGRACEAE): ADVERTISEMENTS, REWARDS, AND EXTREME VARIATION IN FLORAL DEPTH ^{1,2} . 2007 , 94, 236-257	27
515	Olfactory discrimination ability of CD-1 mice for a large array of enantiomers. 2007 , 144, 295-301	32
514	4-pyridyl carbonyl and related compounds as thrips lures: effectiveness for onion thrips and new zealand flower thrips in field experiments. 2007 , 55, 6198-205	30
513	Specialization for pollination by beetles and wasps: the role of lollipop hairs and fragrance in <i>Satyrion microrrhynchum</i> (Orchidaceae). 2007 , 94, 47-55	49
512	Nectaries and Nectar. 2007 ,	123
511	Exposing <i>Arabidopsis</i> seedlings to borneol and bornyl acetate affects root growth: Specificity due to the chemical and optical structures of the compounds. 2007 , 2, 101-104	10
510	Responses to olfactory and visual cues by over-wintered and summer generations of the pollen beetle, <i>Meligethes aeneus</i> . 2007 , 32, 188-193	32
509	Sesquiterpene emissions from pine trees--identifications, emission rates and flux estimates for the contiguous United States. 2007 , 41, 1545-53	128
508	The Challenge of Attracting Pollinators While Evading Floral Herbivores: Patterns of Fragrance Emission in <i>Cirsium arvense</i> and <i>Cirsium repandum</i> (Asteraceae). 2007 , 168, 587-601	69
507	Genetic Modification in Floriculture. 2007 , 26, 169-197	59
506	MOLECULAR PHYLOGENETIC TESTS OF FLORAL SCENT EVOLUTION IN THE SOLANACEAE. 2007 , 183-200	1
505	THE RELATIONSHIP BETWEEN FLORAL FRAGRANCE AND VASE LIFE OF CUT ROSES. 2007 , 235-242	2
504	The Biology of Essential Oils in the Pollination of Flowers. 2007 , 2, 1934578X0700201	18
503	Iso-OPDA: an early precursor of cis-jasmone in plants?. 2007 , 8, 2281-5	40

502	Controlled release of volatiles under mild reaction conditions: from nature to everyday products. 2007 , 46, 5836-63		139
501	Kontrollierte Freisetzung flüchtiger Verbindungen unter milden Reaktionsbedingungen: von der Natur zu Alltagsprodukten. 2007 , 119, 5938-5967		28
500	Which senses play a role in nonhuman primate food selection? A comparison between squirrel monkeys and spider monkeys. 2007 , 69, 282-94		75
499	Volatile compounds of the leaves, flowers and fruits of <i>Kielmeyera rugosa</i> Choisy (Clusiaceae). 2007 , 22, 49-52		9
498	Chemistry of floral scents in four <i>Licuala</i> species (Arecaceae). 2007 , 22, 300-310		10
497	Synergism and redundancy in a plant volatile blend attracting grapevine moth females. <i>Phytochemistry</i> , 2007 , 68, 203-9	4	94
496	Tomato phenylacetaldehyde reductases catalyze the last step in the synthesis of the aroma volatile 2-phenylethanol. <i>Phytochemistry</i> , 2007 , 68, 2660-9	4	116
495	Characterization of a BAHD acyltransferase responsible for producing the green leaf volatile (Z)-3-hexen-1-yl acetate in <i>Arabidopsis thaliana</i> . 2007 , 49, 194-207		156
494	Genetic aspects of floral fragrance in plants. 2007 , 72, 351-8		8
493	Preliminary study of female-targeted semiochemical baits for the western corn rootworm in Europe. 2007 , 131, 416-419		6
492	Influence of salicylaldehyde and methyl salicylate on post-landing behaviour of <i>Frankliniella occidentalis</i> Pergande. 2007 , 131, 362-367		24
491	GAMT2 Encodes a Methyltransferase of Gibberellic Acid That is Involved in Seed Maturation and Germination in <i>Arabidopsis</i> . 2007 , 49, 368-381		14
490	Primary product distribution from the Cl-atom initiated atmospheric degradation of furan: Environmental implications. 2007 , 41, 8796-8810		29
489	Floral scent in food-deceptive orchids: species specificity and sources of variability. 2007 , 9, 720-9		55
488	Olfactory discrimination ability of CD-1 mice for aliphatic aldehydes as a function of stimulus concentration. 2007 , 193, 955-61		7
487	Odor discrimination in classical conditioning of proboscis extension in two stingless bee species in comparison to Africanized honeybees. 2007 , 193, 1089-99		40
486	Honeybees learn floral odors while receiving nectar from foragers within the hive. 2007 , 94, 55-60		86
485	Floral odor learning within the hive affects honeybees' foraging decisions. 2007 , 94, 218-22		50

484	Population differentiation in female sex pheromone and male preferences in a solitary bee. 2007 , 61, 811-821	46
483	Emission of oilseed rape volatiles after pollen beetle infestation; behavioural and electrophysiological responses in the parasitoid <i>Phradis morionellus</i> . 2007 , 17, 201-207	31
482	Overexpression of salicylic acid carboxyl methyltransferase reduces salicylic acid-mediated pathogen resistance in <i>Arabidopsis thaliana</i> . 2007 , 64, 1-15	107
481	Tomato linalool synthase is induced in trichomes by jasmonic acid. 2007 , 64, 251-63	158
480	Interspecific variation of floral scent composition in <i>Glochidion</i> and its association with host-specific pollinating seed parasite (<i>Epicephala</i>). 2007 , 33, 1065-81	58
479	Chemical ecology of fruit bat foraging behavior in relation to the fruit odors of two species of paleotropical bat-dispersed figs (<i>Ficus hispida</i> and <i>Ficus scortechinii</i>). 2007 , 33, 2097-110	66
478	Diurnal regulation of scent emission in rose flowers. 2007 , 226, 1491-9	68
477	Morphology and development of floral features recognised by pollinators. 2007 , 1, 147-158	25
476	Identification of volatile compounds used in host location by the black bean aphid, <i>Aphis fabae</i> . 2008 , 34, 1153-61	118
475	Responses of the pollinating wasp <i>Ceratosolen solmsi marchali</i> to odor variation between two floral stages of <i>Ficus hispida</i> . 2008 , 34, 1536-44	43
474	Dolichodial: a new aphid sex pheromone component?. 2008 , 34, 1575-83	15
473	Computational studies on the mechanisms for the gas-phase reaction between thiophene and NO ₃ . 2008 , 467, 52-57	6
472	Floral scents experienced within the colony affect long-term foraging preferences in honeybees. 2008 , 39, 714-722	32
471	Pollination of <i>Kadsura longipedunculata</i> (Schisandraceae), a monoecious basal angiosperm, by female, pollen-eating <i>Megommata</i> sp. (Cecidomyiidae: Diptera) in China. 2008 , 93, 523-536	22
470	Pollination of <i>Cypripedium plectrochilum</i> (Orchidaceae) by <i>Lasioglossum</i> spp. (Halictidae): the roles of generalist attractants versus restrictive floral architecture. 2008 , 10, 220-30	38
469	Diversity of essential oil glands of clary sage (<i>Salvia sclarea</i> L., Lamiaceae). 2008 , 10, 433-40	44
468	Influence of visual and olfactory cues on field trapping of the pollen beetle, <i>Astylus atomaculatus</i> (Col.: Melyridae). 2008 , 132, 490-496	7
467	Floral odour and reproductive isolation in two species of <i>Silene</i> . 2008 , 21, 111-121	103

466	The chemical ecology of seed dispersal in monoecious and dioecious figs. 2008 , 22, 484-493	64
465	Fatty acid ketodienes and fatty acid ketotrienes: Michael addition acceptors that accumulate in wounded and diseased <i>Arabidopsis</i> leaves. 2008 , 24, 467-476	9
464	A novel homodimeric geranyl diphosphate synthase from the orchid <i>Phalaenopsis bellina</i> lacking a DD(X)2-4D motif. 2008 , 55, 719-33	74
463	Indirect Defence [Recent Developments and Open Questions. 2008 , 359-396	6
462	Bibliography. 2008 , 379-440	1
461	Solanaceae and Convolvulaceae: Secondary Metabolites. 2008 ,	97
460	Discrepancy in laboratory and field attraction of apple fruit moth <i>Argyresthia conjugella</i> to host plant volatiles. 2008 , 33, 1-6	42
459	Progress in Botany. 2008 ,	1
458	Terpenoids and benzenoids in La Serena cheese made at different seasons of the year with a <i>Cynara cardunculus</i> extract as coagulant. 2008 , 18, 147-157	16
457	Odour of limonene affects feeding behaviour in the blowfly, <i>Phormia regina</i> . 2008 , 446, 36-9	5
456	Successful acquisition of an olfactory discrimination paradigm by South African fur seals, <i>Arctocephalus pusillus</i> . 2008 , 93, 1033-8	18
455	Expression in <i>Arabidopsis</i> of a Strawberry Linalool Synthase Gene Under the Control of the Inducible Potato P12 Promoter. 2008 , 7, 521-534	2
454	Molecular Biology of Orchid Flowers: With Emphasis on <i>Phalaenopsis</i> . 2008 , 47, 99-145	15
453	Emission of volatile chemicals from flowering dogwood (<i>Cornus Florida</i> L.) flowers. 2008 , 56, 9570-4	14
452	Chemical Composition and Antimicrobial Activity of Essential Oils of <i>Eugenia chlorophylla</i> (Myrtaceae). 2008 , 20, 75-78	24
451	Chemical communication by behaviour-guiding olfactory signals. 2008 , 3959-79	21
450	Olfactory recognition of host plants in the absence of host-specific volatile compounds: Host location in the black bean aphid, <i>Aphis fabae</i> . 2008 , 1, 167-9	20
449	Selection for chemical trait remixing in an invasive weed after reassociation with a coevolved specialist. 2008 , 105, 4547-52	49

448	Tissue-specific PhBPBT expression is differentially regulated in response to endogenous ethylene. 2008 , 59, 609-18	20
447	Effect of temperature on the floral scent emission and endogenous volatile profile of <i>Petunia axillaris</i> . 2008 , 72, 110-5	62
446	Development of an attractant-baited trap for <i>Oxythyrea funesta</i> Poda (Coleoptera: Scarabaeidae, Cetoniinae). 2008 , 63, 761-8	10
445	Diversity of Essential Oil Glands of Spanish Sage (<i>Salvia Lavandulifolia</i> Vahl, Lamiaceae). 2008 , 3, 1934578X0800300	
444	Essential Oil Compounds for Thrips Control – Review. 2008 , 3, 1934578X0800300	14
443	Biotic and abiotic stresses induce AbSAMT1, encoding S-adenosyl-L-methionine: salicylic acid carboxyl methyltransferase, in <i>Atropa belladonna</i> . 2009 , 26, 207-215	11
442	Detection and monitoring of <i>Epicometis hirta</i> Poda and <i>Tropinota squalida</i> Scop. with the same trap. 2009 , 44, 337-344	3
441	Differential odor processing in two olfactory pathways in the honeybee. 2009 , 3, 16	53
440	Introduction to the Different Classes of Natural Products. 2009 , 3-50	24
439	Volatiles released from <i>Vaccinium corymbosum</i> were attractive to <i>Aegorhinus superciliosus</i> (Coleoptera: Curculionidae) in an olfactometric bioassay. 2009 , 38, 781-9	21
438	Headspace Volatiles of <i>Scutellaria baicalensis</i> Georgi Flowers. 2009 , 12, 435-442	7
437	Tilting at windmills: 20 years of <i>Hippeastrum</i> breeding. 2009 , 57, 303-313	6
436	Odor information transfer in the stingless bee <i>Melipona quadrifasciata</i> : effect of in-hive experiences on classical conditioning of proboscis extension. 2009 , 195, 113-22	27
435	Volatile exposure within the honeybee hive and its effect on olfactory discrimination. 2009 , 195, 759-68	16
434	Ussing's conundrum and the search for transport mechanisms in plants. 2009 , 183, 243-246	30
433	Questions about floral (dis)integration. 2009 , 183, 247-248	15
432	Gearing up for comparative genomics: analyses of the fungal class Dothideomycetes. 2009 , 183, 250-254	7
431	Phenotypic integration: between zero and how much is too much. 2009 , 183, 248-250	8

430	The hidden language of flowering plants: floral odours as a key for understanding angiosperm evolution?. 2009 , 183, 240-243		10
429	Metabolite and target transcript analyses during <i>Crocus sativus</i> stigma development. <i>Phytochemistry</i> , 2009 , 70, 1009-16	4	87
428	GC-MS analyses of flower ether extracts of <i>Prunus domestica</i> L. and <i>Prunus padus</i> L. (Rosaceae). 2009 , 63,		6
427	Structural basis of the broad specificity of a general odorant-binding protein from honeybee. 2009 , 48, 2431-41		45
426	<i>Petunia</i> Biotechnology. 2009 , 411-433		2
425	Chiral aliphatic hydroxy compounds in nature: A review of biological functions and practical applications. 2009 , 74, 1195-1278		8
424	Synthesis of 1,2,4-Trimethoxybenzene and Its Selective Functionalization at C-3 by Directed Metalation. 2009 , 39, 3693-3709		2
423	Multichannel RRKM-TST and direct-dynamics VTST study of the reaction of hydroxyl radical with furan. 2009 , 113, 2838-46		36
422	The gas-phase ozonolysis of beta-caryophyllene (C(15)H(24)). Part I: an experimental study. 2009 , 11, 4152-72		111
421	Plant-pathogen interactions: a view from the evolutionary basement. 2009 , 183, 237-239		7
420	Development of Fruiting Promotion System Using Honeybees in Semi-forced Eggplant Culture. 2009 , 53, 21-28		
419	CHARACTERIZATION OF VIGNA CARACALLA FRAGRANCE. 2010 , 125-130		1
418	Physiology and Biochemistry of Fruit Flavors. 2010 , 25-43		10
417	First insights into the chemical defensive system of the erotylid beetle, <i>Tritoma bipustulata</i> . 2010 , 20, 243-253		5
416	Recruits of the stingless bee <i>Scaptotrigona pectoralis</i> learn food odors from the nest atmosphere. 2010 , 97, 519-24		11
415	Olfactory learning in the stingless bee <i>Tetragonisca angustula</i> (Hymenoptera, Apidae, Meliponini). 2010 , 196, 481-90		18
414	Improving the floral attractant to lure <i>Epicometis hirta</i> Poda (Coleoptera: Scarabaeidae, Cetoniinae). 2010 , 83, 15-20		14
413	Identification of Differentially Expressed Genes in Flower Buds of <i>Calanthe discolor</i> and <i>C. sieboldii</i> . 2010 , 53, 24-31		5

412	Terpenoid, Benzenoid, and Phenylpropanoid Compounds in the Floral Scent of <i>Vanda Mimi</i> Palmer. 2010 , 53, 358-366	24
411	Methylation of phytohormones by the SABATH methyltransferases. 2010 , 55, 2211-2218	7
410	Male and female noctuid moths attracted to synthetic lures in Europe. 2010 , 36, 592-8	23
409	Identification of rose phenylacetaldehyde synthase by functional complementation in yeast. 2010 , 72, 235-45	36
408	Volatiles functioning as host cues in a blend become nonhost cues when presented alone to the black bean aphid. 2010 , 79, 451-457	166
407	Vegetation complexity: The influence of plant species diversity and plant structures on plant chemical complexity and arthropods. 2010 , 11, 383-395	115
406	The enantiomeric composition of linalool and linalool oxide in the flowers of kiwifruit (<i>Actinidia</i>) species. 2010 , 22, 110-9	13
405	Between plant and diurnal variation in quantities and ratios of volatile compounds emitted by <i>Vicia faba</i> plants. <i>Phytochemistry</i> , 2010 , 71, 81-9	4 42
404	Characterization of the volatile fraction emitted by <i>Pinus</i> spp. by one- and two-dimensional chromatographic techniques with mass spectrometric detection. 2010 , 1217, 1845-55	35
403	Development of a synthetic plant volatile-based attracticide for female noctuid moths. I. Potential sources of volatiles attractive to <i>Helicoverpa armigera</i> (Hßner) (Lepidoptera: Noctuidae). 2010 , 49, 10-20	31
402	Development of a synthetic plant volatile-based attracticide for female noctuid moths. II. Bioassays of synthetic plant volatiles as attractants for the adults of the cotton bollworm, <i>Helicoverpa armigera</i> (Hßner) (Lepidoptera: Noctuidae). 2010 , 49, 21-30	46
401	Pollination biology and floral scent chemistry of the Neotropical chiropterophilous <i>Parkia pendula</i> . 2010 , 12, 172-82	14
400	Reducing the babel in plant volatile communication: using the forest to see the trees. 2010 , 12, 735-42	62
399	New co-attractants synergizing attraction of <i>Cetonia aurata aurata</i> and <i>Potosia cuprea</i> to the known floral attractant. 2010 , 134, 9-15	15
398	Electrophysiological responses of <i>Batocera horsfieldi</i> (Hope) adults to plant volatiles. 2010 , 134, no-no	3
397	The influence of gustatory and olfactory experiences on responsiveness to reward in the honeybee. 2010 , 5, e13498	16
396	Genotypic variation of volatile compounds from flowers of gentians. 2010 , 60, 9-17	9
395	Attraction of female grapevine moth to common and specific olfactory cues from 2 host plants. 2010 , 35, 57-64	57

394	Essential oils, phenolics, and antioxidant activities of different parts of cumin (<i>Cuminum cyminum</i> L.). 2010 , 58, 10410-8	111
393	Abiotic stresses and induced BVOCs. 2010 , 15, 154-66	657
392	Biogenesis of Floral Scents. 2010 , 31-54	6
391	Pollen preference for <i>Psychotria</i> sp. is not learned in the passion flower butterfly, <i>Heliconius erato</i> . 2011 , 11, 25	4
390	Searching for anatomical correlates of olfactory lateralization in the honeybee antennal lobes: a morphological and behavioural study. 2011 , 221, 290-4	28
389	Identification of a new antinociceptive alkaloid isopropyl N-methylanthranilate from the essential oil of <i>Choisya ternata</i> Kunth. 2011 , 135, 610-9	32
388	Smell, Taste, and Flavor. 2011 , 47-76	3
387	Control of Floral Scent Emission by Inhibitors of Phenylalanine Ammonia-lyase in Cut Flower of <i>Lilium</i> cv. 'Casa Blanca'. 2011 , 80, 190-199	24
386	Risk assessment of pea moth <i>Cydia nigricana</i> infestation in organic green peas based on spatio-temporal distribution and phenology of the host plant. 2011 , 13, 121-130	8
385	Role of aromatic aldehyde synthase in wounding/herbivory response and flower scent production in different <i>Arabidopsis</i> ecotypes. 2011 , 66, 591-602	45
384	Alternative explanations for apparent mimicry. 2011 , 99, 899-904	14
383	Host plant volatiles induce oriented flight behaviour in male European grapevine moths, <i>Lobesia botrana</i> . 2011 , 57, 1323-31	34
382	Conversion of airborne nerolidol to DMNT emission requires additional signals in <i>Achyranthes bidentata</i> . 2011 , 585, 1807-13	6
381	Mixed bumblebee and blowfly pollination of <i>Cypripedium flavum</i> (Orchidaceae) in Sichuan, China. 2011 , 26, 453-459	7
380	Hovering guards of the stingless bee <i>Tetragonisca angustula</i> increase colony defensive perimeter as shown by intra- and inter-specific comparisons. 2011 , 65, 1277-1282	34
379	Pollen aroma fingerprint of two sunflower (<i>Helianthus annuus</i> L.) genotypes characterized by different pollen colors. 2011 , 8, 1766-75	5
378	Scent Composition in Some Cuban Flowers: <i>Clitoria Fairchildiana</i> R.A. Howard, <i>Brunfelsia Nitida</i> Benth. and <i>Crinum Oliganthum</i> Urban. 2011 , 14, 383-386	1
377	Identification of host-plant chemical stimuli for the European grape berry moth <i>Eupoecilia ambiguella</i> . 2011 , 36, 101-110	11

376	The neuroecology of a pollinator's buffet: olfactory preferences and learning in insect pollinators. 2011 , 51, 781-93	22
375	Behavioral and neurophysiological study of olfactory perception and learning in honeybees. 2011 , 5, 98	80
374	Enantiomeric selectivity in behavioural and electrophysiological responses of <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> mosquitoes. 2011 , 101, 541-50	29
373	Floral Scent Composition in <i>Hedychium coronarium</i> J. Koenig Analyzed by SPME. 2011 , 23, 64-67	23
372	Peripheral and central olfactory tuning in a moth. 2012 , 37, 455-61	1
371	<i>Arabidopsis</i> MYC2 interacts with DELLA proteins in regulating sesquiterpene synthase gene expression. 2012 , 24, 2635-48	356
370	Effect of chemical complexity of essential oils on feeding deterrence in larvae of the cabbage looper. 2012 , 37, 81-91	62
369	Invertebrate learning and memory: Fifty years of olfactory conditioning of the proboscis extension response in honeybees. 2012 , 19, 54-66	239
368	The role of olfaction in aphid host location. 2012 , 37, 10-18	53
367	Differential coding by two olfactory subsystems in the honeybee brain. 2012 , 108, 1106-21	29
366	Leaf volatile isoprenoids: an important defensive armament in forest tree species. 2012 , 5, 13-17	23
365	Volatile emissions of scented <i>Alstroemeria</i> genotypes are dominated by terpenes, and a myrcene synthase gene is highly expressed in scented <i>Alstroemeria</i> flowers. 2012 , 63, 2739-52	38
364	Characterization of the volatile fraction of <i>Nigritella nigra</i> (L.) Rchb. F. (Orchidaceae), a rare species from the Central Alps. 2012 , 24, 39-44	4
363	Volatile isoprenoids and abiotic stresses. 101-119	1
362	Methyl eugenol: its occurrence, distribution, and role in nature, especially in relation to insect behavior and pollination. 2012 , 12, 56	161
361	Sampling Techniques for the Determination of Volatile Components in Grape Juice, Wine and Alcoholic Beverages. 2012 , 27-41	2
360	The co-evolutionary perspective of the food-medicine continuum and wild gathered and cultivated vegetables. 2012 , 59, 1295-1302	52
359	Sex-specific volatile compounds influence microarthropod-mediated fertilization of moss. 2012 , 489, 431-3	60

358	A SABATH Methyltransferase from the moss <i>Physcomitrella patens</i> catalyzes S-methylation of thiols and has a role in detoxification. <i>Phytochemistry</i> , 2012 , 81, 31-41	4	17
357	Characterization of L-phenylalanine metabolism to acetophenone and 1-phenylethanol in the flowers of <i>Camellia sinensis</i> using stable isotope labeling. 2012 , 169, 217-25		53
356	Changes in aromatic profile of fresh and dried fig [the role of pre-treatments in drying process. 2012 , 47, 2282-2288		9
355	Olfactory Information Transfer During Recruitment in Honey Bees. 2012 , 89-101		7
354	Construction of Synthetic <i>Escherichia Coli</i> Producing s-linalool. 2012 , 11, 88-95		2
353	A comparative study on essential oil yield and composition of rose-scented geranium (<i>P. c. v. Rose</i>) commercially grown on three different sites of the Amathole region in the Eastern Cape, South Africa. 2012 , 7, 5842-5848		1
352	Application of HS-SPME/GC-MS-derived variables for monitoring ripening-induced changes in cheese volatile compounds. 2012 , 92, 321-333		6
351	Volatile organic compounds and host-plant specialization in European corn borer E and Z pheromone races. 2012 , 22, 119-129		19
350	Learned olfactory cues affect pollen-foraging preferences in honeybees, <i>Apis mellifera</i> . 2012 , 83, 1023-1033		44
349	Left-right asymmetries of behaviour and nervous system in invertebrates. 2012 , 36, 1273-91		240
348	Learning and perceptual similarity among cuticular hydrocarbons in ants. 2012 , 58, 138-46		41
347	Optical imaging of concealed brain activity using a gold mirror in honeybees. 2012 , 58, 743-9		13
346	Detection of the linalool-producing NES1 variant across diverse strawberry (<i>Fragaria</i> spp.) accessions. 2012 , 131, 437-443		12
345	A highly effective and selective male lure for <i>Bactrocera jarvisi</i> (Tryon) (Diptera: Tephritidae). 2012 , 51, 189-197		35
344	Molecular cloning and expression of gene encoding aromatic amino acid decarboxylase in 'Vidal blanc' grape berries. 2012 , 39, 4319-25		7
343	Aversive learning overcomes appetitive innate responding in honeybees. 2012 , 15, 135-41		14
342	Task Specialization and Odor Effects on Proboscis Extension Conditioning in Bumblebees (<i>Bombus huntii</i>). 2013 , 26, 762-779		1
341	Biology, Controls and Models of Tree Volatile Organic Compound Emissions. 2013 ,		24

340	Molecular and biochemical characterization of the jasmonic acid methyltransferase gene from black cottonwood (<i>Populus trichocarpa</i>). <i>Phytochemistry</i> , 2013 , 94, 74-81	4	18
339	Floral scent composition of <i>Lilium sulphureum</i> . 2013 , 49, 362-364		7
338	Long-Distance Systemic Signaling and Communication in Plants. 2013 ,		13
337	Biogenic Volatile Organic Compounds and Their Impacts on Biosphere-Atmosphere Interactions. 2013 , 13, 57-75		11
336	Diversification of Volatile Isoprenoid Emissions from Trees: Evolutionary and Ecological Perspectives. 2013 , 1-20		22
335	Seasonal Variation in the Essential Oil of <i>Protium bahianum</i> Daly (Burseraceae). 2013 , 16, 300-307		5
334	Purification and molecular analysis of a monoamine oxidase isolated from <i>Narcissus tazetta</i> . 2013 , 77, 1728-33		1
333	Analysis of insect-induced volatiles from rice. 2013 , 956, 201-8		2
332	Molecular recognition of floral volatile with two olfactory related proteins in the Eastern honeybee (<i>Apis cerana</i>). 2013 , 56, 114-21		25
331	Biosynthesis of Volatile Compounds. 2013 , 135-161		12
330	The Role of Volatiles in Plant-Plant Interactions. 2013 , 393-412		5
329	Variation in the chemical composition of cone volatiles within the African cycad genus <i>Encephalartos</i> . <i>Phytochemistry</i> , 2013 , 85, 82-91	4	19
328	New tracer compounds for secondary organic aerosol formation from Eucaryophyllene oxidation. 2013 , 80, 122-130		27
327	Novel Gas Chromatography-Mass Spectrometry Methods for Characterization of Volatile Organic Compounds and Water in Fast Pyrolysis Liquids. 2013 , 27, 7413-7423		3
326	Weaker ligands can dominate an odor blend due to syntopic interactions. 2013 , 38, 293-304		40
325	Quantitative patterns between plant volatile emissions induced by biotic stresses and the degree of damage. 2013 , 4, 262		159
324	Comparative analysis of flower volatiles from nine citrus at three blooming stages. 2013 , 14, 22346-67		26
323	Olfactory discrimination ability of Asian elephants (<i>Elephas maximus</i>) for structurally related odorants. 2013 , 38, 107-18		48

322	The Role of Volatile Organic Compounds in Plant Resistance to Abiotic Stresses: Responses and Mechanisms. 2013 , 209-235	45
321	Development of Semiochemical Attractants for Monitoring and Controlling Chlorophorus caragana. 2013 , 68, 243-252	1
320	Analysis of Trace-Level Volatile Compounds in Fresh Turf Crop (<i>Lolium perenne</i> L.) by Gas Chromatography Quadrupole Time-of-Flight Mass Spectrometry. 2013 , 31, 1329-1335	12
319	Specialist pollinating seed predator exhibits oviposition strategy consistent with optimal oviposition theory. 2013 , 38, 164-172	13
318	Volatile Constituents of <i>Trifolium pratense</i> spp. <i>nivale</i> Quantified at Different Growth Stages, and Evaluation of their Antimicrobial Activity. 2013 , 8, 1934578X1300801	4
317	Flower volatiles, crop varieties and bee responses. 2013 , 8, e72724	41
316	Brain and behavioral lateralization in invertebrates. 2013 , 4, 939	96
315	APIS-a novel approach for conditioning honey bees. 2013 , 7, 29	20
314	Induction of Defensive Response in <i>Eucalyptus globulus</i> Plants and its Persistence in Vegetative Propagation. 2013 , 8, 1934578X1300800	1
313	Diverse functional evolution of serine decarboxylases: identification of two novel acetaldehyde synthases that uses hydrophobic amino acids as substrates. 2014 , 14, 247	15
312	Innate attractant for long-tongued bumblebee, <i>Bombus diversus diversus</i> in floral scent of bumblebee-pollinated epiparasitic plant, <i>Monotropastrum humile</i> (Ericaceae). 2014 , 17, 432-434	2
311	Development of a female attractant for the click beetle pest <i>Agriotes brevis</i> . 2014 , 70, 610-4	10
310	CHAPTER 8:Bioactive Compounds from Biomass. 176-186	1
309	Aroma chemistry of African <i>Oryza glaberrima</i> and <i>Oryza sativa</i> rice and their interspecific hybrids. 2014 , 94, 727-35	10
308	Habituation in to deterrent plant compounds and their blends. 2014 , 151, 231-238	9
307	Acceptor Models of Secretions and Their Reactions on Exometabolites. 2014 , 65-98	
306	Olfactory basis of floral preference of the malaria vector <i>Anopheles gambiae</i> (Diptera: Culicidae) among common African plants. 2014 , 39, 372-83	35
305	Determination of Volatiles in Water Lily Flowers Using Gas ChromatographyMass Spectrometry. 2014 , 47, 1541-1551	5

304	Application of Models in Pharmacology, Medicine, and Ecology. 2014 , 141-156	
303	The Bee as a Model to Investigate Brain and Behavioural Asymmetries. 2014 , 5, 120-38	33
302	The Venus flytrap attracts insects by the release of volatile organic compounds. 2014 , 65, 755-66	55
301	Plant odour plumes as mediators of plant-insect interactions. 2014 , 89, 68-81	88
300	Characterization of S-(+)-linalool synthase from several provenances of <i>Cinnamomum osmophloeum</i> . 2014 , 10, 75-86	20
299	Elemental and non-elemental olfactory learning using PER conditioning in the bumblebee, <i>Bombus terrestris</i> . 2014 , 45, 106-115	26
298	Acyl-lipid thioesterase1-4 from <i>Arabidopsis thaliana</i> form a novel family of fatty acyl-acyl carrier protein thioesterases with divergent expression patterns and substrate specificities. 2014 , 84, 549-63	12
297	Discovery of pyrazines as pollinator sex pheromones and orchid semiochemicals: implications for the evolution of sexual deception. 2014 , 203, 939-52	74
296	Volatile phytochemicals as mosquito semiochemicals. 2014 , 8, 196-201	52
295	The chemistry of an unusual seed dispersal mutualism: bees use a complex set of olfactory cues to find their partner. 2014 , 98, 41-51	16
294	(2-Nitroethyl)benzene: a major flower scent from the Japanese loquat <i>Eriobotrya japonica</i> [Rosales: Rosaceae]. 2014 , 78, 1320-3	9
293	Model Systems to Study the Excretory Function of Higher Plants. 2014 ,	5
292	Evidence for early intracellular accumulation of volatile compounds during spadix development in <i>Arum italicum</i> L. and preliminary data on some tropical Aroids. 2014 , 101, 623-35	11
291	Expression of terpene synthase genes associated with the formation of volatiles in different organs of <i>Vitis vinifera</i> . <i>Phytochemistry</i> , 2014 , 105, 12-24	4 58
290	Volatiles from spruce trap-trees detected by <i>Ips typographus</i> bark beetles: chemical and electrophysiological analyses. 2014 , 8, 305-316	13
289	Bias to pollen odors is affected by early exposure and foraging experience. 2014 , 66, 28-36	16
288	Circadian Regulation of Horticultural Traits: Integration of Environmental Signals. 2014 , 1-46	1
287	Herbivore-induced poplar cytochrome P450 enzymes of the CYP71 family convert aldoximes to nitriles which repel a generalist caterpillar. 2014 , 80, 1095-107	68

286	Removal of floral microbiota reduces floral terpene emissions. <i>Scientific Reports</i> , 2014 , 4, 6727	4.9	44
285	Reproductive biology of <i>Primula beesiana</i> (Primulaceae), an alpine species endemic to Southwest China. 2015 , 148, 289-296		7
284	Formation and chemical aging of secondary organic aerosol during the β -caryophyllene oxidation. 2015 , 15, 6035-6046		25
283	Pollination biology of <i>Rhododendron cyanocarpum</i> (Ericaceae): An alpine species endemic to NW Yunnan, China. 2015 , 53, 63-71		11
282	Electrophysiological and behavioral responses of pea weevil <i>Bruchus pisorum</i> L. (Coleoptera: Bruchidae) to volatiles collected from its host <i>Pisum sativum</i> L. 2015 , 75, 202-209		20
281	Extracting the Behaviorally Relevant Stimulus: Unique Neural Representation of Farnesol, a Component of the Recruitment Pheromone of <i>Bombus terrestris</i> . 2015 , 10, e0137413		5
280	A meta-analysis approach for assessing the diversity and specificity of belowground root and microbial volatiles. 2015 , 6, 707		54
279	Interspecific and Intersexual Differences in the Chemical Composition of Floral Scent in <i>Glochidion</i> Species (Phyllanthaceae) in South China. 2015 , 2015, 1-14		3
278	Isoprenoid emissions by the Mediterranean vegetation in Castelporziano. 2015 , 26, 493-498		5
277	The effects of β -alanine and zinc sulphate on the behaviour of potato cyst nematodes <i>Globodera rostochiensis</i> and <i>G. pallida</i> . 2015 , 17, 1105-1111		3
276	UV-B light contributes directly to the synthesis of chiloglottone floral volatiles. 2015 , 115, 693-703		11
275	Olfactory associative learning in two African stingless bee species (<i>Meliponula ferruginea</i> and <i>M. bocandei</i> , Meliponini). 2015 , 62, 507-516		11
274	Structural and biochemical characteristics of citrus flowers associated with defence against a fungal pathogen. 2014 , 7,		15
273	Pollinator attraction in <i>Cornus capitata</i> (Cornaceae): the relative role of visual and olfactory cues. 2015 , 8, 173-181		13
272	Vibrating donor-partners during trophallaxis modulate associative learning ability of food receivers in the stingless bee <i>Melipona quadrifasciata</i> . 2015 , 50, 11-21		10
271	The floral transcriptome of ylang ylang (<i>Cananga odorata</i> var. <i>fruticosa</i>) uncovers biosynthetic pathways for volatile organic compounds and a multifunctional and novel sesquiterpene synthase. 2015 , 66, 3959-75		37
270	<i>Aspergillus oryzae</i> pathways that convert phenylalanine into the flavor volatile 2-phenylethanol. 2015 , 77, 22-30		25
269	Corolla structure and fragrance components in <i>Styrax tonkinensis</i> . 2015 , 29, 1127-1134		6

268	An assessment of detection canine alerts using flowers that release methyl benzoate, the cocaine odorant, and an evaluation of their behavior in terms of the VOCs produced. 2015 , 251, 107-14	11
267	MSI.R scripts reveal volatile and semi-volatile features in low-temperature plasma mass spectrometry imaging (LTP-MSI) of chilli (<i>Capsicum annuum</i>). 2015 , 407, 5673-84	17
266	Endophyte inspired chemical diversity from beta-caryophyllene. 2015 , 5, 72433-72436	8
265	De novo transcriptome sequencing in <i>Ficus hirta</i> Vahl. (Moraceae) to investigate gene regulation involved in the biosynthesis of pollinator attracting volatiles. 2015 , 11, 1	4
264	Use of Zanzibar copal (<i>Hymenaea verrucosa</i> Gaertn.) as incense at Unguja Ukuu, Tanzania in the 7th century CE: chemical insights into trade and Indian Ocean interactions. 2015 , 53, 374-390	53
263	Chemical Characterization of the Volatiles of Leaves and Flowers from Cultivated <i>Malva sylvestris</i> var. <i>mauritiana</i> and their Antimicrobial Activity Against the Aetiological Agents of the European and American Foulbrood of Honeybees (<i>Apis mellifera</i>). 2016 , 11, 1934578X1601101	5
262	Capture of Nontarget Flies (Diptera: Lauxaniidae, Chloropidae, and Anthomyiidae) on Traps Baited with Volatile Chemicals in Field-Crop Habitats. 2016 , 2016, 1-8	1
261	Nutraceutical aspects of β -glucan with application in food products. 2016 , 387-425	2
260	Apple Proliferation Phytoplasma Influences the Pattern of Plant Volatiles Emitted Depending on Pathogen Virulence. 2016 , 3,	22
259	Phenotypic Space and Variation of Floral Scent Profiles during Late Flower Development in. 2016 , 7, 1903	13
258	Olfactory cues explain differential attraction of the striped rice stem borer to different varieties of rice plant. 2016 , 140, 376-385	3
257	Biosynthesis of β -caryophyllene, a novel terpene-based high-density biofuel precursor, using engineered <i>Escherichia coli</i> . 2016 , 99, 216-223	14
256	ContentSnapshots. 2016 , 118, i-iii	0
255	Letters to the twenty-first century botanist: What is a flower? (4) the flower as a scent factory. 2016 , 163, 355-358	2
254	Floral Scent Composition and Emission Patterns of Three <i>Symplocos</i> Species. 2016 , 19, 1873-1887	
253	Rice volatiles lure gravid malaria mosquitoes, <i>Anopheles arabiensis</i> . <i>Scientific Reports</i> , 2016 , 6, 37930	4.9 42
252	Floral scent composition of nine Oriental Trumpet hybrid lilies. 2016 , 425-430	
251	Using plant volatile traps to estimate the diversity of natural enemy communities in orchard ecosystems. 2016 , 102, 66-76	5

250	Analysis of floral scent emitted from <i>Syringa</i> plants. 2016 , 27, 273-281	5
249	Receptor arrays optimized for natural odor statistics. 2016 , 113, 5570-5	23
248	Behavioral Evidence for Olfactory-Based Location of Honeybee Colonies by the Scarab <i>Oplostomus haroldi</i> . 2016 , 42, 1063-1069	6
247	Essential Oil Composition of <i>Centaurea atropurpurea</i> and <i>Centaurea orientalis</i> Inflorescences from the Central Balkans - Ecological Significance and Taxonomic Implications. 2016 , 13, 1221-1229	2
246	Responses of the two-spotted oak buprestid, <i>Agrilus biguttatus</i> (Coleoptera: Buprestidae), to host tree volatiles. 2016 , 72, 845-51	16
245	The Effect of Plant Within-Species Variation on Aphid Ecology. 2016 , 162-180	6
244	Volatile Semiochemicals Increase Trap Catch of Green Lacewings (Neuroptera: Chrysopidae) and Flower Flies (Diptera: Syrphidae) in Corn and Soybean Plots. 2016 , 16,	4
243	Reproductive Biological Characteristics of <i>Dendrobium</i> Species. 2016 , 203-225	5
242	Volatiles from <i>Botrytis cinerea</i> -infected and healthy berries of <i>Vitis vinifera</i> influence the oviposition behaviour of <i>Epiphyas postvittana</i> . 2016 , 160, 47-56	3
241	Environment-specific modulation of odorant representations in the honeybee brain. 2016 , 44, 3080-3093	3
240	Evolution and diversity of floral scent chemistry in the euglossine bee-pollinated orchid genus <i>Gongora</i> . 2016 , 118, 135-48	31
239	Aggregation of <i>Thaumatomyia glabra</i> (Diptera: Chloropidae) Males on <i>Iris</i> spp. Flowers Releasing Methyl Anthranilate. 2016 , 45, 1476-1479	1
238	An invader supported by a parasite: Mistletoe berries as a host for food and reproduction of Spotted Wing <i>Drosophila</i> in early spring. 2016 , 89, 749-759	40
237	Engineering <i>Escherichia coli</i> to convert acetic acid to Ecaryophyllene. 2016 , 15, 74	32
236	Comparative Analysis of the Volatile Profiles from Wild, Cultivated, and Commercial Roots of <i>Gentiana lutea</i> L. by Headspace Solid Phase Microextraction (HSBPME) Coupled to Gas Chromatography Mass Spectrometry (GCMS). 2016 , 9, 311-321	7
235	Evaluating plant volatiles for monitoring natural enemies in apple, pear and walnut orchards. 2016 , 102, 53-65	39
234	Chemical ecology meets conservation biological control: identifying plant volatiles as predictors of floral resource suitability for an egg parasitoid of stink bugs. 2017 , 90, 299-310	27
233	<i>Paysandisia archon</i> : Behavior, Ecology, and Communication. 2017 , 150-170	2

232	Lateralization in Invertebrates. 2017 , 153-208	10
231	Survey of conspecific herbivore-induced volatiles from apple as possible attractants for <i>Pandemis pyrusana</i> (Lepidoptera: Tortricidae). 2017 , 73, 1837-1845	8
230	An ode to osmophores: Stefan Vogel's seminal contributions to the study of scent. 2017 , 232, 150-152	2
229	The effect of background plant odours on the behavioural responses of <i>Frankliniella occidentalis</i> to attractive or repellent compounds in a Y-tube olfactometer. 2017 , 163, 160-169	12
228	Dynamics of Odor-Evoked Activity Patterns in the Olfactory System. 2017 , 243-261	
227	The role of metals in mammalian olfaction of low molecular weight organosulfur compounds. 2017 , 34, 529-557	26
226	Scent from <i>Jasminum grandiflorum</i> flowers: Investigation of the change in linalool enantiomers at various developmental stages using chemical and molecular methods. <i>Phytochemistry</i> , 2017 , 140, 83-94 ⁴	23
225	Advances in Dynamics, Patterns, Cognition. 2017 ,	5
224	Herbivory-induced changes in the olfactory and visual display of flowers and extrafloral nectaries affect pollinator behavior. 2017 , 31, 269-284	8
223	Two orchids, one scent? Floral volatiles of <i>Catasetum cernuum</i> and <i>Gongora bufonia</i> suggest convergent evolution to a unique pollination niche. 2017 , 232, 207-216	15
222	Obtainment of an intergeneric hybrid between <i>Forsythia</i> and <i>Abeliophyllum</i> . 2017 , 213, 1	1
221	Functional characterization of (E)-Eucaryophyllene synthase from lima bean and its up-regulation by spider mites and alamethicin. 2017 , 16, 2231-2238	6
220	More than euglossines: the diverse pollinators and floral scents of <i>Zygopetalinae</i> orchids. 2017 , 104, 92	7
219	Promiscuity, impersonation and accommodation: evolution of plant specialized metabolism. 2017 , 47, 105-112	37
218	Pheromones modulate reward responsiveness and non-associative learning in honey bees. <i>Scientific Reports</i> , 2017 , 7, 9875	4-9 20
217	Farnesol, a synomone component between lantana (Lamiales: Verbenaceae) and the omnivorous predator, <i>Campylomma chinensis</i> Schuh (Hemiptera: Miridae). 2017 , 11, 703-708	1
216	Variation in Floral Scent Compositions of Different Lily Hybrid Groups. 2017 , 142, 175-183	7
215	Plant attractants: integrating insights from pollination and seed dispersal ecology. 2017 , 31, 249-267	38

214	The glass is not yet half empty: agitation but not Varroa treatment causes cognitive bias in honey bees. 2017 , 20, 233-241		13
213	Fragrance Analysis of Two Scented Hippeastrum Species. 2017 , 52, 1853-1860		2
212	Floral scent: from sensorial to instrumental evaluation. 2017 , 157-162		
211	. 2017 ,		3
210	Behavioral Analysis of Learning and Memory in Honeybees ?. 2017 , 407-426		1
209	Identification of Floral Volatiles and Pollinator Responses in Kiwifruit Cultivars, <i>Actinidia chinensis</i> var. <i>chinensis</i> . 2018 , 44, 406-415		6
208	Biochemical characterization in Norway spruce (<i>Picea abies</i>) of SABATH methyltransferases that methylate phytohormones. <i>Phytochemistry</i> , 2018 , 149, 146-154	4	13
207	Crab spiders impact floral-signal evolution indirectly through removal of florivores. 2018 , 9, 1367		16
206	Antennal olfactory sensory neurones responsive to host and nonhost plant volatiles in gorse pod moth <i>Cydia succedana</i> . 2018 , 43, 86-99		2
205	Floral fragrance analysis of <i>Prosthechea cochleata</i> (Orchidaceae), an endangered native, epiphytic orchid, in Florida. 2018 , 13, e1422461		1
204	Pollinator-independent orchid attracts biotic pollinators due the production of lipoidal substances. 2018 , 20, 182-190		3
203	Advances in Attract-and-Kill for Agricultural Pests: Beyond Pheromones. 2018 , 63, 453-470		58
202	<i>cis</i> -Jasmone treatments affect pests and beneficial insects of wheat (<i>Triticum aestivum</i> L.): the influence of doses and plant growth stages. 2018 , 105, 70-79		8
201	Floral Scent: Biosynthesis, Regulation and Genetic Modifications. 2018 , 240-257		3
200	13. Semiochemical tools for a new generation of livestock pest control. 2018 , 389-434		2
199	Sexual and temporal variations in floral scent in the subdioecious shrub <i>Thunb.</i> 2018 , 8, 8266-8272		5
198	Analysis of Floral Scent Compounds by Gas Chromatography-Mass Spectrometry (GC-MS). 2018 , 66, 129-134		
197	Do we truly understand pollination syndromes in as much as we suppose?. 2018 , 10, ply057		8

196	Diel pattern of floral scent emission matches the relative importance of diurnal and nocturnal pollinators in populations of <i>Gymnadenia conopsea</i> . 2018 , 121, 711-721	28
195	Can honey bees discriminate between floral-fragrance isomers?. 2018 , 221,	12
194	OH initiated oxidation mechanism of monoterpene (linalool) A first comprehensive theoretical study. 2018 , 189, 235-243	3
193	Generation of (2-Nitroethyl)benzene and related benzenoids from L-Phenylalanine; flower scents of the Japanese Loquat <i>Eriobotrya japonica</i> [Rosales: Rosaceae]. 2018 , 82, 1855-1866	1
192	Assessment of Appetitive Behavior in Honey Bee Dance Followers. 2018 , 12, 74	3
191	GC-MS Analysis of the Volatile Constituents in the Leaves of 14 Compositae Plants. 2018 , 23,	28
190	Chemical constituents of apolar fractions from fruit latex of twelve <i>Clusia</i> species (Clusiaceae). 2018 , 90, 1919-1927	5
189	Protonation state and fine structure of the active site determine the reactivity of dehydratase: hydration and isomerization of <i>Emyrcene</i> catalyzed by linalool dehydratase/isomerase from <i>Castellaniella defragrans</i> . 2018 , 20, 17342-17352	6
188	Gene cloning and expression analysis of limonene synthase in <i>Syringa oblata</i> and <i>S. oblata</i> var. <i>alba</i> . 2019 , 30, 1301-1309	4
187	Styrene radical cations for chemical ionization mass spectrometry analyses of monoterpene hydrocarbons. 2019 , 33, 1870-1876	2
186	Flowering Stage and Daytime Affect Scent Emission of "Prairie Rose". 2019 , 24,	2
185	Characterization of Thioesterases Related to Tomato Methylketone Synthase 2. 2019 , 10,	4
184	Effects of Host Plants Reared under Elevated CO Concentrations on the Foraging Behavior of Different Stages of Corn Leaf Aphids. 2019 , 10,	7
183	Metabolomic and Transcriptomic Analyses Reveal That a MADS-Box Transcription Factor Regulates Tomato Fruit Quality. 2019 , 10, 792	8
182	Diversity of floral scent of tulips. 2019 , 259-268	2
181	Risk and Toxicity Assessment of a Potential Natural Insecticide, Methyl Benzoate, in Honey Bees (<i>L.</i>). 2019 , 10,	4
180	Monitoring codling moth (Lepidoptera: Tortricidae) with a four-component volatile blend compared to a sex pheromone-based blend. 2019 , 143, 942-947	7
179	Structure confirmation and thermal kinetics of the inclusion of -jasmone in β -cyclodextrin.. 2019 , 9, 26224-26229	4

178	Yeast Volatomes Differentially Affect Larval Feeding in an Insect Herbivore. 2019 , 85,		13
177	Mechanism of floral scent production in and the production and regulation of its key floral constituents, β -ionone and linalool. 2019 , 6, 106		29
176	Thymol Affects Congruency Between Olfactory and Gustatory Stimuli in Bees. <i>Scientific Reports</i> , 2019 , 9, 7752	4-9	1
175	Transcriptome-guided identification and functional characterization of key terpene synthases involved in constitutive and methyl jasmonate-inducible volatile terpene formation in <i>Eremochloa ophiuroides</i> (Munro) Hack. 2019 , 141, 193-201		2
174	Lily-of-the-valley fragrances. 2019 , 5, 1		0
173	A mechanism for biogenic production and emission of MEK from MVK decoupled from isoprene biosynthesis. 2019 , 19, 3125-3135		16
172	Biosynthesis of methyl (E)-cinnamate in the liverwort <i>Conocephalum salebrosum</i> and evolution of cinnamic acid methyltransferase. <i>Phytochemistry</i> , 2019 , 164, 50-59	4	3
171	Decanal as a major component of larval aggregation pheromone of the greater wax moth, <i>Galleria mellonella</i> . 2019 , 143, 417-429		6
170	Sex differences in pollinator behavior: Patterns across species and consequences for the mutualism. 2019 , 88, 971-985		11
169	Deceptive strategy in <i>Dactylorhiza</i> orchids: multidirectional evolution of floral chemistry. 2019 , 123, 1005-1016		7
168	Rapid Collection of Floral Fragrance Volatiles using a Headspace Volatile Collection Technique for GC-MS Thermal Desorption Sampling. 2019 ,		
167	Olfactory Learning in the Stingless Bee Friese (Apidae: Meliponini). 2019 , 10,		3
166	To flourish or perish: evolutionary TRIPs into the sensory biology of plant-herbivore interactions. 2019 , 471, 213-236		13
165	Functional characterization and expression analysis of two terpene synthases involved in floral scent formation in <i>Lilium 'Siberia'</i> . 2019 , 249, 71-93		34
164	Sugar and Polyphenolic Diversity in Floral Nectar of Cherry. 2019 , 1-20		1
163	Fragrance components of subsp. and collected in several sites in Italy. 2020 , 34, 2857-2861		6
162	Enhancement of table grape flavor by postharvest application of monoterpenes in modified atmosphere. 2020 , 159, 111018		8
161	Physical contact, volatiles, and acoustic signals contribute to monogamy in an invasive aggregating bark beetle. 2020 , 27, 1285-1297		3

160	The water lily genome and the early evolution of flowering plants. 2020 , 577, 79-84	98
159	Gigantea: Uncovering New Functions in Flower Development. 2020 , 11,	4
158	Ecological Implications of Plant Secondary Metabolites - Phytochemical Diversity Can Enhance Agricultural Sustainability. 2020 , 4,	5
157	Metabolic Profiling of Hybrids Generated from Pummelo and in Relation to Their Attraction to , the Vector of Huanglongbing. <i>Metabolites</i> , 2020 , 10,	5.6
156	Deciphering the Biotic and Climatic Factors That Influence Floral Scents: A Systematic Review of Floral Volatile Emissions. 2020 , 11, 1154	14
155	Identification of SABATH Family Members in <i>Solanum lycopersicum</i> and Their Expression Patterns Under Abiotic/Biotic Stresses. 2020 , 39, 403	0
154	Identification of the Volatile Components of L. and Opiz from the Western Italian Alps. 2020 , 25,	4
153	An explosion of perfume: Mass flowering and sphingophily in the Caatinga dry region in Brazil. 2020 , 35, 243-255	1
152	Bacterial phylogeny predicts volatile organic compound composition and olfactory response of an aphid parasitoid. 2020 , 129, 1415-1428	8
151	Neighborhood Effects of Herbivore-Induced Plant Resistance Vary Along an Elevational Gradient. 2020 , 8,	4
150	Emergence of oxygen- and pyridoxal phosphate-dependent reactions. 2020 , 287, 1403-1428	17
149	Odorant receptor phylogeny confirms conserved channels for sex pheromone and host plant signals in tortricid moths. 2020 , 10, 7334-7348	1
148	Various effects of volatile constituents from <i>Magnolia kobus</i> flowers against <i>Aedes albopictus</i> (Diptera: Culicidae). 2020 , 145, 112109	3
147	Identification and evaluation of four cucurbitaceous host plant volatiles attractive to <i>Diaphania indica</i> (Saunders) (Lep.: Pyralidae). 2020 , 30, 173-182	4
146	A plant volatile alters the perception of sex pheromone blend ratios in a moth. 2020 , 206, 553-570	4
145	Differentiation of volatile aroma components in organically and conventionally produced apples by stir bar sorptive extraction combined with gas chromatography and EI/CI TOF mass spectrometry. 2021 , 56, 909-918	1
144	What pollinators see does not match what they smell: Absence of color-fragrance association in the deceptive orchid <i>Ionopsis utricularioides</i> . <i>Phytochemistry</i> , 2021 , 182, 112591	4 1
143	Volatile microbial semiochemicals and insect perception at flowers. 2021 , 44, 23-34	3

142	Identification and application of bacterial volatiles to attract a generalist aphid parasitoid: from laboratory to greenhouse assays. 2021 , 77, 930-938		3
141	Olfaction in Anopheles mosquitoes. 2021 , 46,		5
140	Olfactory systems across mosquito species. 2021 , 383, 75-90		12
139	Semiochemicals for Thrips and Their Use in Pest Management. 2021 , 66, 101-119		11
138	Olfactory coding in the bumble bee antennal lobe.		
137	Olfactory coding in honeybees. 2021 , 383, 35-58		9
136	Combined secondary compounds naturally found in nectars enhance honeybee cognition and survival. 2021 , 224,		2
135	Transcriptome and volatile compounds profiling analyses provide insights into the molecular mechanism underlying the floral fragrance of tree peony. 2021 , 162, 113286		6
134	Olfactory coding in the antennal lobe of the bumble bee <i>Bombus terrestris</i> . <i>Scientific Reports</i> , 2021 , 11, 10947	4.9	0
133	Identification and comparison of allelopathic effects from leaf and flower volatiles of the invasive plants <i>Mikania micrantha</i> . 2021 , 31, 355		0
132	Relationship among floral scent intensity, ethylene sensitivity, and longevity of carnation flowers. 2021 , 62, 907		1
131	Species-Specific Induction of Plant Volatiles by Two Aphid Species in Apple: Real Time Measurement of Plant Emission and Attraction of Lacewings in the Wind Tunnel. 2021 , 47, 653-663		1
130	Acetate as a potential feedstock for the production of value-added chemicals: Metabolism and applications. 2021 , 49, 107736		9
129	High-quality evergreen azalea genome reveals tandem duplication-facilitated low-altitude adaptability and floral scent evolution. 2021 , 19, 2544-2560		5
128	Extraction and Identification of Volatile Organic Compounds Emitted by Fragrant Flowers of Three Species by HS-SPME/GC-MS. <i>Metabolites</i> , 2021 , 11,	5.6	3
127	Negative Effects of the Neonicotinoid Clothianidin on Foraging Behavior and Antennal Sensitivity in Two Common Pollinator Species, <i>Osmia bicornis</i> and <i>Bombus terrestris</i> . 2021 , 9,		3
126	Behavioral Response of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) and Its Egg Parasitoid <i>Trissolcus japonicus</i> (Hymenoptera: Scelionidae) to Host Plant Odors. 2021 , 9,		3
125	Comparison of microbiota and volatile organic compounds in milk from different sheep breeds. 2021 , 104, 12303-12311		1

124	Induced biosynthesis of insect semiochemicals in plants. 1999 , 223, 110-26; discussion 126-31	6
123	The Chemical Basis for Nestmate Recognition and Mate Discrimination in Social Insects. 1995 , 287-317	32
122	Orchids from Basilicata: The Scent. 2020 , 1-22	2
121	Long-Distance Signal Transmission in Trees. 2006 , 333-349	2
120	Phenylalanine-derived Metabolites/Phenylpropanoids. 2008 , 271-342	2
119	Secondary Plant Substances: Monoterpenes. 1998 , 570-596	1
118	Use of GC-FID, GC-FTIR-MS, and Olfactory Characterisation in the Analysis of Essential Oils and Plant Extracts. 1997 , 97-117	4
117	Analysis of Rhythmic Emission of Volatile Compounds of Rose Flowers. 2002 , 199-221	1
116	Detection of Physiologically Active Flower Volatiles Using Gas Chromatography Coupled with Electroantennography. 2002 , 173-198	37
115	Introduction. 2014 , 1-79	1
114	Fatty acid signalling in plants and their associated microorganisms. 1994 , 187-201	2
113	Plant Colour and Fragrance. 2000 , 127-163	8
112	Molecular Control of Floral Fragrance. 2002 , 295-309	9
111	Biochemical Genetics and Genomics of Insect Esterases. 2019 ,	3
110	Shall We Even Understand the Fly's Brain?. 2006 , 3-21	2
109	Neuromodulation and Differential Learning Across Mosquito Species.	3
108	Localization of the Synthesis and Emission of Scent Compounds within the Flower. 2006 , 105-124	30
107	Floral Scent and Butterfly Pollinators. 2006 , 199-217	5

106	Detection and Identification of Floral Scent Compounds. 2006 , 3-25	18
105	Floral Scent Metabolic Pathways. 2006 , 55-78	3
104	Localization of the Synthesis and Emission of Scent Compounds within the Flower. 2006 , 105-124	1
103	Transgenic Ornamental Crops. 2011 , 55-82	2
102	The olfactory memory of the honeybee <i>Apis mellifera</i> . III. Bilateral sensory input is necessary for induction and expression of olfactory blocking.. 1997 , 200, 2045-2055	17
101	Blocking and the detection of odor components in blends. 2000 , 203, 2797-2806	38
100	Olfactory sensitivity for aliphatic alcohols in squirrel monkeys and pigtail macaques. 2002 , 205, 1633-1643	44
99	Characterization of an enantioselective odorant receptor in the yellow fever mosquito <i>Aedes aegypti</i> . 2009 , 4, e7032	80
98	Monoterpene variation mediated attack preference evolution of the bark beetle <i>Dendroctonus valens</i> . 2011 , 6, e22005	17
97	Fine Structure of Antennal Sensilla of <i>Paysandisia archon</i> and Electrophysiological Responses to Volatile Compounds Associated with Host Palms. 2015 , 10, e0124607	21
96	Phenylacetaldehyde: A chemical attractant for common green lacewings (<i>Chrysoperla carnea</i> s.l., Neuroptera: Chrysopidae). 2006 , 103, 267-271	29
95	Development of a female-targeted attractant for the click beetle, <i>Agriotes ustulatus</i> Schwarz. 2011 , 46, 235-245	8
94	Composition and Emission Rhythm of Floral Scent Volatiles from Eight Lily Cut Flowers. 2012 , 137, 376-382	32
93	2-Phenylethanol in the leaves of <i>Bursera velutina</i> Bullock (Burseraceae). 2015 , 9	4
92	Ester Formation and Substrate Specificity of Alcohol Acetyltransferase in Cut Flowers of <i>Gypsophila</i> (<i>Gypsophila paniculata</i> L.). 2006 , 75, 148-153	1
91	Induction of Defensive Responses in <i>Eucalyptus globulus</i> (Labill) Plants, against <i>Ctenarytaina eucalypti</i> (Maskell) (Hemiptera: Psyllidae). 2012 , 03, 589-595	8
90	Fragrance Composition in Six Tree Peony Cultivars. 2012 , 30, 617-625	11
89	Antagonism in olfactory receptor neurons and its implications for the perception of odor mixtures. 2018 , 7,	39

- 88 GOBP1 from the Variegated Cutworm (*Hübner*) (Lepidoptera: Noctuidae) Displays High Binding Affinities to the Behavioral Attractant (-)-3-Hexenyl acetate. **2021**, 12, 0
- 87 The role of pollen odour in the attraction of pollen beetles to oilseed rape flowers. **2002**, 43-50
- 86 RNA Gel Blot Analysis to Determine Gene Expression of Floral Scents. **2002**, 249-261
- 85 Appendix 2. Selection of Refereed Papers. **2003**, 771-804
- 84 Floral Scent. **2004**, 456-459
- 83 Applications of Plant Biotechnology to Ornamental Crops.
- 82 New Tea Parental Line, 'MAKURA No. 1', for Breeding Cultivars with High Tannin and Caffeine Contents and a Flowery Flavor. **2006**, 40, 143-148 2
- 81 Foraging behavior of adult butterflies and its semiochemicals as olfactory signals. **2006**, 23, 134-142
- 80 Biosynthesis of Volatile Terpenes in the Flowers of the Model Plant *Arabidopsis thaliana*. **2006**, 79-90
- 79 The Study of Plant Natural Product Biosynthesis in the Pangenomics and Genomics Eras. **2006**, 203-220
- 78 Improvement of floral scent of ornamentals via metabolic engineering. **2010**, 37, 1-11 3
- 77 Effect of Fruit Processing on Product Aroma. **2012**, 387-414
- 76 Identification of Volatile Compounds from Flowers and Aromatic Plants: How and Why?. **2014**, 15-39
- 75 Genetic Engineering in Ornamental Plants. **2013**, 409-438
- 74 Bibliography. **1997**, 345-399
- 73 Biosynthesis of Scent and Flavor Compounds. **1999**, 601-604 1
- 72 Formation and chemical aging of secondary organic aerosol during the β -caryophyllene oxidation.
- 71 Plant secondary metabolites as an information channel mediating community-wide interactions. **2016**, 283-314

- 70 Development of 2-phenylethanol plus acetic acid lures to monitor obliquebanded leafroller (Lepidoptera: Tortricidae) under mating disruption.
- 69 Antagonism in olfactory receptor neurons and its implications for the perception of odor mixtures. 2
- 68 Potentials of Pesticidal Plants in Enhancing Diversity of Pollinators in Cropped Fields. **2018**, 09, 2659-2675
- 67 ??????????. **2018**, 56, 294-300
- 66 Yeast volatomes differentially effect larval feeding in an insect herbivore. 0
- 65 In search of co-attractants for cetoniin scarabs (Coleoptera: Scarabaeidae, Cetoniinae): Identification and preliminary field evaluation of volatiles from fermenting apple. **2019**, 54, 229-242
- 64 How Plants Might Recognize Rhizospheric Bacterial Volatiles. **2020**, 139-165 0
- 63 The human odorant receptor OR10A6 is tuned to the pheromone of the commensal fruit fly *Drosophila melanogaster*. 1
- 62 Sugar and Polyphenolic Diversity in Floral Nectar of Cherry. **2020**, 755-773 0
- 61 Foraging. **2020**, 273-321
- 60 Effects of an odor background on moth pheromone communication: constituent identity matters more than blend complexity.
- 59 Transcriptomic profiling of the floral fragrance biosynthesis pathway of *Liriodendron* and functional characterization of the *LtuDXR* gene.. **2022**, 314, 111124
- 58 Terpene Synthase Gene Confers Wheat Resistance to by Regulating Linalool Emission. **2021**, 69, 13734-13743 0
- 57 Chemical Diversity between Three Graminoid Plants Found in Western Kenya Analyzed by Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry (HS-SPME-GC-MS). **2021**, 10, 1
- 56 The Human Odorant Receptor OR10A6 is Tuned to the Pheromone of the Commensal Fruit Fly *Drosophila melanogaster*.
- 55 Investigating pollination strategies in a changing world. **2021**, 168, 311-315
- 54 Orchids from Basilicata: The Scent. **2022**, 627-648 1
- 53 Understanding saffron biology using omics- and bioinformatics tools: stepping towards a better *Crocus* phenome.. **2022**, 1 0

52	Towards a multisensor station for automated biodiversity monitoring. 2022 , 59, 105-138	2
51	Mutualism between Gut-Borne Yeasts and Their Host, , and Potential Usefulness in Pest Management.. 2022 , 13,	
50	Methyl Benzoate as a Promising, Environmentally Safe Insecticide: Current Status and Future Perspectives. 2022 , 12, 378	0
49	Chemical Composition of Essential Oil from Four Sympatric Orchids in NW-Italy.. 2022 , 11,	1
48	Herbicides and their potential to disrupt plant-insect chemical communication.	0
47	The Scent of Himantoglossum Species Found in Basilicata (Southern Italy). 2021 , 1, 164-173	2
46	Population-specific responses of floral volatiles to abiotic factors in changing environments.. 2022 ,	
45	Long-Distance Signal Transmission in Trees. 333-349	
44	Table_1.DOCX. 2019 ,	
43	Table_2.DOCX. 2019 ,	
42	Table_3.csv. 2019 ,	
41	Data_Sheet_1.pdf. 2018 ,	
40	DataSheet_1.xlsx. 2020 ,	
39	DataSheet_2.xlsx. 2020 ,	
38	DataSheet_3.xlsx. 2020 ,	
37	Image_1.tiff. 2020 ,	
36	Image_2.tiff. 2020 ,	
35	Image_3.tif. 2020 ,	

34 Image_4.tif. **2020**,

33 Image_5.tif. **2020**,

32 Image_6.tif. **2020**,

31 Image_7.tif. **2020**,

30 Image_8.tif. **2020**,

29 Image_9.tif. **2020**,

28 Table_1.docx. **2020**,

27 Table_2.docx. **2020**,

26 Multisite imaging of neural activity using a genetically encoded calcium sensor in the honey bee *Apis mellifera*. 0

25 Antenna movements as a function of odorants biological value in honeybees (*Apis mellifera* L.). *Scientific Reports*, **2022**, 12, 4.9 0

24 Imaging human serum albumin behavior in process of PVOCs transportation in vivo: spectroscopy analysis insight. *Food Chemistry*, **2022**, 133692 8.5 0

23 Extraction and Identification of Volatile Organic Compounds in Scentless Flowers of 14 *Tillandsia* Species Using HS-SPME/GC-MS. *Metabolites*, **2022**, 12, 628 5.6 0

22 *Kadsura longipedunculata* Finet & Gagnepain (Schisandraceae): An Overview of Botany, Traditional Uses, Phytochemistry and Pharmacological Activities. **2022**, 13, 1281

21 Pedigree reconstruction and genetic analysis of major ornamental characters of ornamental crabapple (*Malus* spp.) based on paternity analysis. **2022**, 12, 0

20 Genome-Wide Analysis of Odorant-Binding Proteins in *Papilio xuthus* with Focus on the Perception of Two P_{xut}GOBPs to Host Odorants and Insecticides. 1

19 Heterologous expression and characterization of a borneol dehydrogenase from *Arabidopsis lyrata* and its application for the enzymatic resolution of rac-camphor. **2022**, 530, 112572

18 Chemical Ecology of Floral Resources in Conservation Biological Control. **2023**, 68, 2

17 Omics in saffron (*Crocus sativus* L.): A spice of immense medicinal value. **2022**, 573-587 2

- 16 Sacred groves and nakshatravan trees - A comparative analysis for their medicinal properties and volatile compounds for human health. **2022**, ○
- 15 Terpenoids and their gene regulatory networks in *Opisthopappus taihangensis* [Taihang Mingzhu] as detected by transcriptome and metabolome analyses. 13, ○
- 14 The human odorant receptor OR10A6 is tuned to the pheromone of the commensal fruit fly *Drosophila melanogaster*. **2022**, 105269 ○
- 13 Convergence and molecular evolution of floral fragrance after independent transitions to self fertilization. ○
- 12 Floral scent components of the hybrids between *Lagerstroemia fauriei* and *Lagerstroemia [Muscarora]* **2023**, 309, 111670 ○
- 11 Linalool: a ubiquitous floral volatile mediating the communication between plants and insects. ○
- 10 Two Antenna-Enriched Odorant Binding Proteins in *Dioryctria abietella* Tuned to General Odorants and Insecticides. **2022**, 13, 1145 ○
- 9 Heterologous expression and functional characterization of *Drosophila suzukii* OR69a transcript variants unveiled response to kairomones and to a candidate pheromone. ○
- 8 Neuromodulation and differential learning across mosquito species. **2023**, 290, 2
- 7 Analysis of Spatial-Temporal Variation in Floral Volatiles Emitted from *Lagerstroemia caudata* by Headspace Solid-Phase Microextraction and GC/MS. **2023**, 28, 478 ○
- 6 Odors Attracting the Long-Legged Predator *Medetera signaticornis* Loew to *Ips typographus* L. Infested Norway Spruce Trees. ○
- 5 Multisite imaging of neural activity using a genetically encoded calcium sensor in the honey bee. **2023**, 21, e3001984 ○
- 4 Novel hybrids with floral scent between *Lagerstroemia caudata* and three *L. indica* cultivars. **2023**, 316, 112017 ○
- 3 Monoterpene Composition of Phloem of Eastern Larch (*Larix laricina* (Du Roi) K. Koch) in the Great Lakes Region: With What Must the Eastern Larch Beetle (*Dendroctonus simplex* LeConte) Contend?. **2023**, 14, 566 ○
- 2 ANALYTICAL STUDY OF THE COLORED TRAPS EFFECTIVENESS IN MONITORING EPICOMETIS HIRTA (PODA, 1761) IN RAPESEED CROPS. 15, 39-46 ○
- 1 The Influence of Mixed Green Covers, a New Trend in Organic Olive Growing, on the Efficiency of Predatory Insects. **2023**, 13, 785 ○