

# Stephen P Foster

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

359  
citations

840776

11  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural inactivation of sex pheromone production in mated lightbrown apple moths, <i>Epiphyas postvittana</i> (Walker). <i>Journal of Insect Physiology</i> , 1993, 39, 267-273.	2.0	64
2	Sugar feeding <i>via</i> trehalose haemolymph concentration affects sex pheromone production in mated <i>Heliothis virescens</i> moths. <i>Journal of Experimental Biology</i> , 2009, 212, 2789-2794.	1.7	38
3	ISOLATION OF THE DITERPENOID, ENT-KAURAN-16 $\alpha$ -OL AND ENT-ATISAN-16 $\alpha$ -OL, FROM SUNFLOWERS, AS OVIPOSITION STIMULANTS FOR THE BANDED SUNFLOWER MOTH, <i>Cochylis hospes</i> . <i>Journal of Chemical Ecology</i> , 2005, 31, 89-102.	1.8	31
4	Signal Honesty through Differential Quantity in the Female-Produced Sex Pheromone of the Moth <i>Heliothis virescens</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 717-723.	1.8	28
5	Feeding and hemolymph trehalose concentration influence sex pheromone production in virgin <i>Heliothis virescens</i> moths. <i>Journal of Insect Physiology</i> , 2010, 56, 1617-1623.	2.0	26
6	Isolation of Three Diterpenoid Acids from Sunflowers, as Oviposition Stimulants for the Banded Sunflower Moth, <i>Cochylis hospes</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 50-57.	1.8	20
7	Sex pheromones in mate assessment: analysis of nutrient cost of sex pheromone production by females of the moth <i>Heliothis virescens</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1252-8.	1.7	18
8	The Dynamics of Pheromone Gland Synthesis and Release: a Paradigm Shift for Understanding Sex Pheromone Quantity in Female Moths. <i>Journal of Chemical Ecology</i> , 2018, 44, 525-533.	1.8	17
9	Change in reductase activity is responsible for senescent decline in sex pheromone titre in the lightbrown apple moth, <i>Epiphyas postvittana</i> (Walker). <i>Journal of Insect Physiology</i> , 1997, 43, 1093-1100.	2.0	16
10	Female preference and larval performance of sunflower moth, <i>Homoeosoma electellum</i> , on sunflower pre-breeding lines. <i>Entomologia Experimentalis Et Applicata</i> , 2010, 134, 182-190.	1.4	15
11	The Use of Mass Isotopomer Distribution Analysis to Quantify Synthetic Rates of Sex Pheromone in the Moth <i>Heliothis virescens</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 1208-1210.	1.8	14
12	Production and Distribution of Aldehyde and Alcohol Sex Pheromone Components in the Pheromone Gland of Females of the Moth <i>Chloridea virescens</i> . <i>Journal of Chemical Ecology</i> , 2019, 45, 9-17.	1.8	11
13	Synthetic rates of key stored fatty acids in the biosynthesis of sex pheromone in the moth <i>Heliothis virescens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 865-872.	2.7	10
14	Sex pheromone in the moth <i>Heliothis virescens</i> is produced as a mixture of two pools: de novo and via precursor storage in glycerolipids. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 87, 26-34.	2.7	8
15	Differential Pheromone Sampling of the Gland of Female <i>Heliothis virescens</i> Moths Reveals Glandular Differences in Composition and Quantity. <i>Journal of Chemical Ecology</i> , 2018, 44, 452-462.	1.8	8
16	The Effect of Pheromone Synthesis and Gland Retraction on Translocation and Dynamics of Pheromone Release in the Moth <i>Chloridea virescens</i> . <i>Journal of Chemical Ecology</i> , 2020, 46, 581-589.	1.8	7
17	Increased allocation of adult-acquired carbohydrate to egg production results in its decreased allocation to sex pheromone production in mated females of the moth <i>Heliothis virescens</i> . <i>Journal of Experimental Biology</i> , 2013, 217, 499-506.	1.7	6
18	Calling Behavior and Sex Pheromone Release and Storage in the Moth <i>Chloridea virescens</i> . <i>Journal of Chemical Ecology</i> , 2020, 46, 10-20.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Ovipositional Preference and Larval Performance of the Banded Sunflower Moth (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	5
20	Some Factors Influencing Calling Behavior and Mass Emission Rate of Sex Pheromone from the Gland of the Moth <i>Chloridea virescens</i> . <i>Journal of Chemical Ecology</i> , 2022, 48, 141-151.	1.8	5
21	Sex pheromone biosynthesis, storage and release in a female moth: making a little go a long way. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202775.	2.6	4
22	Reinvestigation of sex pheromone biosynthesis in the moth <i>trichoplusia ni</i> reveals novel quantitative control mechanisms. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 140, 103700.	2.7	2