

# Paulo H G Zarbin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11240670/publications.pdf>

Version: 2024-02-01

31  
papers

563  
citations

516710

16  
h-index

642732

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

513  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                                 | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Male-Produced Sex Pheromone of the Cerambycid Beetle <i>Hedypathes betulinus</i> : Chemical Identification and Biological Activity. <i>Journal of Chemical Ecology</i> , 2010, 36, 1132-1139.                                                                                           | 1.8  | 56        |
| 2  | Enhancing Plant Resistance at the Seed Stage: Low Concentrations of Methyl Jasmonate Reduce the Performance of the Leaf Miner <i>Tuta absoluta</i> but do not Alter the Behavior of its Predator <i>Chrysoperla externa</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 1090-1098. | 1.8  | 37        |
| 3  | Identification of male-specific chiral compound from the sugarcane weevil <i>Sphenophorus levis</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 377-386.                                                                                                                           | 1.8  | 32        |
| 4  | Geographic variation of sex pheromone and mitochondrial DNA in <i>Diatraea saccharalis</i> (Fab., 1794) (Lepidoptera: Crambidae). <i>Journal of Insect Physiology</i> , 2010, 56, 1624-1630.                                                                                            | 2.0  | 29        |
| 5  | Medicinal alkaloid as a sex pheromone. <i>Nature</i> , 1997, 385, 213-213.                                                                                                                                                                                                              | 27.8 | 28        |
| 6  | Alarm pheromone system of stink bug <i>Piezodorus guildinii</i> (Heteroptera: Pentatomidae). <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 424-428.                                                                                                                      | 0.6  | 28        |
| 7  | Sex Pheromone of <i>Lonomia obliqua</i> : Daily Rhythm of Production, Identification, and Synthesis. <i>Journal of Chemical Ecology</i> , 2007, 33, 555-565.                                                                                                                            | 1.8  | 26        |
| 8  | Feromônios de insetos: tecnologia e desafios para uma agricultura competitiva no Brasil. <i>Quimica Nova</i> , 2009, 32, 722-731.                                                                                                                                                       | 0.3  | 26        |
| 9  | Volatile Organic Compounds of Conspecific-Damaged <i>Eucalyptus benthamii</i> Influence Responses of Mated Females of <i>Thaumastocoris peregrinus</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 602-611.                                                                        | 1.8  | 26        |
| 10 | Metodologias gerais empregadas no isolamento e identificação estrutural de feromônios de insetos. <i>Quimica Nova</i> , 1999, 22, 263-268.                                                                                                                                              | 0.3  | 25        |
| 11 | Defensive Compounds and Male-Produced Sex Pheromone of the Stink Bug, <i>Agroecus griseus</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1124-1132.                                                                                                                               | 1.8  | 23        |
| 12 | Biosynthesis of scarab beetle pheromones. <i>FEBS Journal</i> , 1999, 259, 175-180.                                                                                                                                                                                                     | 0.2  | 22        |
| 13 | Male-Produced Sex Pheromone of the Stink Bug <i>Edessa meditabunda</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 825-835.                                                                                                                                                        | 1.8  | 22        |
| 14 | Pheromone Sharing: Blends Based on the Same Compounds for <i>Euschistus heros</i> and <i>Piezodorus guildinii</i> . <i>Journal of Chemical Ecology</i> , 1999, 25, 629-634.                                                                                                             | 1.8  | 21        |
| 15 | The Male-produced Sex Pheromone of the True Bug, <i>Phthia picta</i> , is an Unusual Hydrocarbon. <i>Journal of Chemical Ecology</i> , 2012, 38, 814-824.                                                                                                                               | 1.8  | 18        |
| 16 | Compostos orgânicos voláteis na defesa induzida das plantas contra insetos herbívoros. <i>Quimica Nova</i> , 2013, 36, 1395-1405.                                                                                                                                                       | 0.3  | 18        |
| 17 | Sex pheromone of the scarab beetle <i>Phyllophaga elenans</i> and some intriguing minor components. <i>Journal of Chemical Ecology</i> , 2003, 29, 15-25.                                                                                                                               | 1.8  | 17        |
| 18 | Calling behaviour and male response towards sex pheromone of poplar moth <i>Condyloporrhiza vestigialis</i> (Lepidoptera: Crambidae). <i>Journal of Pest Science</i> , 2009, 82, 55-60.                                                                                                 | 3.7  | 15        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                             | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Identification of Male-Produced Aggregation Pheromone of the Curculionid Beetle <i>Sternechus subsignatus</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 272-277.                                                                                                                             | 1.8 | 13        |
| 20 | Biosynthesis and Site of Production of Sex Pheromone Components of the Cerambycid Beetle, <i>Hedypathes betulinus</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 358-363.                                                                                                                     | 1.8 | 11        |
| 21 | Identification and Synthesis of the Male-produced Sex Pheromone of the Stink Bug, <i>Pellaea stictica</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 859-868.                                                                                                                                 | 1.8 | 10        |
| 22 | Terpenoids dominate the bouquet of volatile organic compounds produced by <i>Passiflora edulis</i> in response to herbivory by <i>Heliconius erato phyllis</i> (Lepidoptera: Nymphalidae). <i>Arthropod-Plant Interactions</i> , 2018, 12, 123-131.                                                 | 1.1 | 10        |
| 23 | Identification of (Z)-4- and 1-Tridecene in the Metathoracic Gland Secretions of Stink Bugs Employing the GC/FT-IR Technique. <i>Journal of Chemical Ecology</i> , 2013, 39, 1182-1185.                                                                                                             | 1.8 | 9         |
| 24 | Reproductive behaviour of <i>Crociosema (=Epinotia) aporema</i> (Walsingham) (Lepidoptera: Tortricidae): temporal pattern of female calling and mating. <i>Neotropical Entomology</i> , 2010, 39, 324-329.                                                                                          | 1.2 | 8         |
| 25 | Cuticular Compounds Recognition and Mating Behavior of the Rice Water Weevil <i>Oryzophagus oryzae</i> (Coleoptera, Curculionidae). <i>Journal of Insect Behavior</i> , 2013, 26, 812-823.                                                                                                          | 0.7 | 8         |
| 26 | Male-Produced Sex Pheromone of the Carrion Beetles, <i>Oxelytrum discicolle</i> and its Attraction to Food Sources. <i>Journal of Chemical Ecology</i> , 2013, 39, 1056-1065.                                                                                                                       | 1.8 | 8         |
| 27 | A Química na agricultura: perspectivas para o desenvolvimento de tecnologias sustentáveis. <i>Química Nova</i> , 2013, 36, 1509-1513.                                                                                                                                                               | 0.3 | 6         |
| 28 | The Male Produced Aggregation Pheromone of a Strawberry Sap Beetle, <i>Lobiopa insularis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10                                                                                                                                                            | 1.8 | 4         |
| 29 | Mate Recognition by the Green Mate Borer, <i>Hedypathes betulinus</i> (Coleoptera: Cerambycidae): the Role of Cuticular Compounds. <i>Journal of Insect Behavior</i> , 2019, 32, 120-133.                                                                                                           | 0.7 | 3         |
| 30 | Determination of the Absolute Configuration of the Male-Produced Sex Pheromone of the Stink Bug <i>Pellaea stictica</i> , (2R,4R,8R)-2,4,8,13-Tetramethyltetradecan-1-ol by Stereoselective Synthesis Coupled with Enantiomeric Resolution. <i>Journal of Chemical Ecology</i> , 2022, 48, 502-517. | 1.8 | 3         |
| 31 | Plant volatiles induced by <i>Duponchelia fovealis</i> (Lepidoptera: Crambidae) in two cultivars of strawberry and its attraction to the predator <i>Podisus nigrispinus</i> (Hemiptera: Pentatomidae). <i>Arthropod-Plant Interactions</i> , 2020, 14, 685-693.                                    | 1.1 | 1         |