

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,537
citations

471509

17
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

1382
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Steroids in aquatic invertebrates. <i>Ecotoxicology</i> , 2007, 16, 109-130. | 2.4 | 213 |
| 2 | The Molting Gland of Crustaceans: Localization, Activity, and Endocrine Control (A Review). <i>Journal of Crustacean Biology</i> , 1993, 13, 198. | 0.8 | 180 |
| 3 | Effects and applications of arthropod steroid hormones (ecdysteroids) in mammals. <i>Journal of Endocrinology</i> , 2006, 191, 1-8. | 2.6 | 174 |
| 4 | Practical uses for ecdysteroids in mammals including humans: and update. <i>Journal of Insect Science</i> , 2003, 3, 7. | 1.5 | 103 |
| 5 | Quinoa Extract Enriched in 20-Hydroxyecdysone Protects Mice From Diet-Induced Obesity and Modulates Adipokines Expression. <i>Obesity</i> , 2012, 20, 270-277. | 3.0 | 80 |
| 6 | Ecdysteroids and related molecules in animals and plants. <i>Archives of Insect Biochemistry and Physiology</i> , 1997, 35, 3-20. | 1.5 | 77 |
| 7 | The complete ¹ H-NMR assignment of ecdysone and 20-hydroxyecdysone. <i>Journal of Insect Physiology</i> , 1988, 34, 701-706. | 2.0 | 70 |
| 8 | The Endocrinology of Invertebrates. <i>Ecotoxicology</i> , 2000, 9, 41-57. | 2.4 | 68 |
| 9 | Ecdysteroid Chemistry and Biochemistry. , 2005, , 125-195. | | 64 |
| 10 | The Ecdysteroidome of <i>Drosophila</i> : influence of diet and development. <i>Development (Cambridge)</i> , 2015, 142, 3758-68. | 2.5 | 59 |
| 11 | Reverse endocrinology, or "hormones-seeking functions". <i>Insect Biochemistry</i> , 1991, 21, 697-721. | 1.8 | 49 |
| 12 | The metabolism of 20-hydroxyecdysone in mice: Relevance to pharmacological effects and gene switch applications of ecdysteroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 126, 1-9. | 2.5 | 41 |
| 13 | Isolation and identification of major ecdysteroids from the pycnogonid <i>Pycnogonum litorale</i> (Strüßler, 1926) (Arthropoda, Pantopoda). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1986, 156, 759-765. | 1.5 | 37 |
| 14 | 20-Hydroxyecdysone, from Plant Extracts to Clinical Use: Therapeutic Potential for the Treatment of Neuromuscular, Cardio-Metabolic and Respiratory Diseases. <i>Biomedicines</i> , 2021, 9, 492. | 3.2 | 35 |
| 15 | Complex phytoecdysteroid cocktail of <i>Silene otites</i> (Caryophyllaceae). , 1999, 41, 1-8. | | 34 |
| 16 | Detection and identification of 20-hydroxyecdysone metabolites in calf urine by liquid chromatography-high resolution or tandem mass spectrometry measurements and establishment of their kinetics of elimination after 20-hydroxyecdysone administration. <i>Analytica Chimica Acta</i> , 2009, 637, 178-184. | 5.4 | 28 |
| 17 | Excretion and metabolism of injected ecdysone in the white mouse. <i>Biochemical Pharmacology</i> , 1988, 37, 1174-1177. | 4.4 | 24 |
| 18 | The minor ecdysteroids from <i>Ajuga turkestanica</i> . <i>Phytochemical Analysis</i> , 2015, 26, 293-300. | 2.4 | 23 |

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|----|---|-----|-----------|
| 19 | Size matters! Aurora A controls Drosophila larval development. <i>Developmental Biology</i> , 2018, 440, 88-98. | 2.0 | 19 |
| 20 | Detection of 20-hydroxyecdysone in calf urine by comparative liquid chromatography/high-resolution mass spectrometry and liquid chromatography/tandem mass spectrometry measurements: application to the control of the potential misuse of ecdysteroids in cattle. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 4073-4080. | 1.5 | 18 |
| 21 | Beyond AREDS Formulations, What Is Next for Intermediate Age-Related Macular Degeneration (iAMD) Treatment? Potential Benefits of Antioxidant and Anti-inflammatory Apocarotenoids as Neuroprotectors. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11. | 4.0 | 17 |
| 22 | Ecdysteroid metabolism in leeches. <i>Invertebrate Reproduction and Development</i> , 1989, 15, 57-68. | 0.8 | 16 |
| 23 | Norbixin Protects Retinal Pigmented Epithelium Cells and Photoreceptors against A2E-Mediated Phototoxicity In Vitro and In Vivo. <i>PLoS ONE</i> , 2016, 11, e0167793. | 2.5 | 16 |
| 24 | Sidisterone, a C24 Ecdysteroid from <i>Silene dioica</i> and <i>Silene otites</i> . <i>Journal of Natural Products</i> , 1996, 59, 522-524. | 3.0 | 15 |
| 25 | Ecdysone catabolism in the white mouse. <i>Drug Metabolism and Disposition</i> , 1988, 16, 716-20. | 3.3 | 13 |
| 26 | Diversity of Ecdysteroids in Animal Species. , 2009, , 47-71. | | 12 |
| 27 | What Are the Origins of Ecdysteroids in Gastropods?. <i>General and Comparative Endocrinology</i> , 1995, 97, 76-85. | 1.8 | 10 |
| 28 | Innovative and Future Applications for Ecdysteroids. , 2009, , 551-578. | | 9 |
| 29 | Systemic administration of the di-apocarotenoid norbixin (BIO201) is neuroprotective, preserves photoreceptor function and inhibits A2E and lipofuscin accumulation in animal models of age-related macular degeneration and Stargardt disease. <i>Aging</i> , 2020, 12, 6151-6171. | 3.1 | 9 |
| 30 | Ecdysteroid metabolism in mammals: The fate of ingested 20-hydroxyecdysone in mice and rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105896. | 2.5 | 8 |
| 31 | Ecdysteroid profiles of two <i>Ajuga</i> species, <i>A. iva</i> and <i>A. remota</i> . <i>Natural Product Communications</i> , 2014, 9, 1069-74. | 0.5 | 8 |
| 32 | Ecdysteroid Chemistry and Biochemistry - , 2017, , . | | 2 |
| 33 | The complex metabolism of poststerone in male rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105897. | 2.5 | 2 |
| 34 | Structural analysis of unstable norbixin isomers guided by pure shift nuclear magnetic resonance. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 504-514. | 1.9 | 1 |