

Markus Rienth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5412038/publications.pdf>

Version: 2024-02-01

23
papers

958
citations

567281

15
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

812
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nuances of Responses to Two Sources of Grapevine Leafroll Disease on Pinot Noir Grown in the Field for 17 Years. <i>Viruses</i> , 2022, 14, 1333. | 3.3 | 4 |
| 2 | Grape Berry Secondary Metabolites and Their Modulation by Abiotic Factors in a Climate Change Scenario—A Review. <i>Frontiers in Plant Science</i> , 2021, 12, 643258. | 3.6 | 81 |
| 3 | Biosynthesis and Cellular Functions of Tartaric Acid in Grapevines. <i>Frontiers in Plant Science</i> , 2021, 12, 643024. | 3.6 | 48 |
| 4 | Sucrose Metabolism and Transport in Grapevines, with Emphasis on Berries and Leaves, and Insights Gained from a Cross-Species Comparison. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7794. | 4.1 | 21 |
| 5 | Modifications of Grapevine Berry Composition Induced by Main Viral and Fungal Pathogens in a Climate Change Scenario. <i>Frontiers in Plant Science</i> , 2021, 12, 717223. | 3.6 | 15 |
| 6 | Single berry reconstitution prior to RNA-sequencing reveals novel insights into transcriptomic remodeling by leafroll virus infections in grapevines. <i>Scientific Reports</i> , 2020, 10, 12905. | 3.3 | 15 |
| 7 | A vine physiology-based terroir study in the AOC-Lavaux region in Switzerland. <i>Oeno One</i> , 2020, 54, 699-716. | 1.4 | 9 |
| 8 | The Microvine: A Versatile Plant Model to Boost Grapevine Studies in Physiology and Genetics. , 2019, , . | | 5 |
| 9 | Oregano essential oil vapour prevents <i>Plasmopara viticola</i> infection in grapevine (<i>Vitis Vinifera</i>) and primes plant immunity mechanisms. <i>PLoS ONE</i> , 2019, 14, e0222854. | 2.5 | 38 |
| 10 | Review of water deficit mediated changes in vine and berry physiology; Consequences for the optimization of irrigation strategies. <i>Oeno One</i> , 2019, 53, . | 1.4 | 23 |
| 11 | The microvine, a model for studies in grapevine physiology and genetics. <i>Oeno One</i> , 2019, 53, . | 1.4 | 24 |
| 12 | State-of-the-art of tools and methods to assess vine water status. <i>Oeno One</i> , 2019, 53, . | 1.4 | 36 |
| 13 | Effect of drying on tartaric acid and malic acid in Shiraz and Merlot berries. <i>Australian Journal of Grape and Wine Research</i> , 2018, 24, 421-429. | 2.1 | 22 |
| 14 | Transcriptional response to temperature of ripening microvine (DRCF) depends on daytime. <i>Acta Horticulturae</i> , 2017, , 321-328. | 0.2 | 2 |
| 15 | Microvine : A New Model to Study Grapevine Growth and Developmental Patterns and their Responses to Elevated Temperature. <i>American Journal of Enology and Viticulture</i> , 2017, 68, 283-292. | 1.7 | 41 |
| 16 | Developmental, molecular and genetic studies on grapevine response to temperature open breeding strategies for adaptation to warming. <i>Oeno One</i> , 2017, 51, 155. | 1.4 | 19 |
| 17 | Developmental, molecular and genetic studies on grapevine response to temperature open breeding strategies for adaptation to warming. <i>Oeno One</i> , 2017, 51, 155-165. | 1.4 | 32 |
| 18 | Temperature desynchronizes sugar and organic acid metabolism in ripening grapevine fruits and remodels their transcriptome. <i>BMC Plant Biology</i> , 2016, 16, 164. | 3.6 | 192 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Identification of stable QTLs for vegetative and reproductive traits in the microvine (<i>Vitis vinifera</i> L.) using the 18ÅK Infinium chip. <i>BMC Plant Biology</i> , 2015, 15, 205. | 3.6 | 65 |
| 20 | Versatile and efficient RNA extraction protocol for grapevine berry tissue, suited for next generation RNA sequencing. <i>Australian Journal of Grape and Wine Research</i> , 2014, 20, 247-254. | 2.1 | 11 |
| 21 | Validation and Application of an Improved Method for the Rapid Determination of Proline in Grape Berries. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3384-3389. | 5.2 | 23 |
| 22 | Day and night heat stress trigger different transcriptomic responses in green and ripening grapevine (<i>vitis vinifera</i>) fruit. <i>BMC Plant Biology</i> , 2014, 14, 108. | 3.6 | 170 |
| 23 | Is Transcriptomic Regulation of Berry Development More Important at Night than During the Day?. <i>PLoS ONE</i> , 2014, 9, e88844. | 2.5 | 53 |