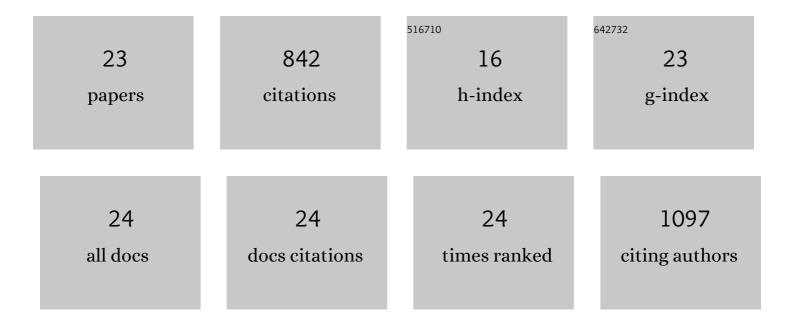
## MarÃ-a Alonso-Ayuso

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4503083/publications.pdf

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| #  | Article                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Residual Effect and N Fertilizer Rate Detection by High-Resolution VNIR-SWIR Hyperspectral Imagery<br>and Solar-Induced Chlorophyll Fluorescence in Wheat. IEEE Transactions on Geoscience and Remote<br>Sensing, 2022, 60, 1-17. | 6.3 | 18        |
| 2  | Nitrogen services provided by interseeded cover crops in organic corn systems. Agronomy Journal, 2022, 114, 2458-2472.                                                                                                            | 1.8 | 3         |
| 3  | Cover crops reduce soil resistance to penetration by preserving soil surface water content.<br>Geoderma, 2021, 386, 114911.                                                                                                       | 5.1 | 26        |
| 4  | High-Resolution Airborne Hyperspectral Imagery for Assessing Yield, Biomass, Grain N Concentration, and N Output in Spring Wheat. Remote Sensing, 2021, 13, 1373.                                                                 | 4.0 | 12        |
| 5  | Nitrogen Fertilizer Efficiency Determined by the 15N Dilution Technique in Maize Followed or Not by a<br>Cover Crop in Mediterranean Chile. Agriculture (Switzerland), 2021, 11, 721.                                             | 3.1 | 3         |
| 6  | The cover crop termination choice to designing sustainable cropping systems. European Journal of Agronomy, 2020, 114, 126000.                                                                                                     | 4.1 | 25        |
| 7  | Interseeding cover crops into maize: Characterization of species performance under Mediterranean conditions. Field Crops Research, 2020, 249, 107762.                                                                             | 5.1 | 14        |
| 8  | Predicting N Status in Maize with Clip Sensors: Choosing Sensor, Leaf Sampling Point, and Timing.<br>Sensors, 2019, 19, 3881.                                                                                                     | 3.8 | 14        |
| 9  | Effective climate change mitigation through cover cropping and integrated fertilization: A global warming potential assessment from a 10-year field experiment. Journal of Cleaner Production, 2019, 241, 118307.                 | 9.3 | 43        |
| 10 | Residual effect of synthetic nitrogen fertilizers and impact on Soil Nitrifiers. European Journal of<br>Agronomy, 2019, 109, 125917.                                                                                              | 4.1 | 14        |
| 11 | Managing nitrogen through cover crop species selection in the U.S. mid-Atlantic. PLoS ONE, 2019, 14, e0215448.                                                                                                                    | 2.5 | 74        |
| 12 | Cover crops to mitigate soil degradation and enhance soil functionality in irrigated land. Geoderma, 2018, 322, 81-88.                                                                                                            | 5.1 | 74        |
| 13 | Assessing cover crop management under actual and climate change conditions. Science of the Total Environment, 2018, 621, 1330-1341.                                                                                               | 8.0 | 38        |
| 14 | Legacy of eightâ€year cover cropping on mycorrhizae, soil, and plants. Journal of Plant Nutrition and<br>Soil Science, 2018, 181, 818-826.                                                                                        | 1.9 | 21        |
| 15 | Data supporting the cover crops benefits related to soil functionality in a 10-year cropping system.<br>Data in Brief, 2018, 18, 1327-1333.                                                                                       | 1.0 | 1         |
| 16 | Weed density and diversity in a long-term cover crop experiment background. Crop Protection, 2018, 112, 103-111.                                                                                                                  | 2.1 | 45        |
| 17 | Airborne and ground level sensors for monitoring nitrogen status in a maize crop. Biosystems<br>Engineering, 2017, 160, 124-133.                                                                                                  | 4.3 | 80        |
| 18 | Effect of cover crops on greenhouse gas emissions in an irrigated field under integrated soil fertility management. Biogeosciences, 2016, 13, 5245-5257.                                                                          | 3.3 | 63        |

| #  | Article                                                                                                                                          | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Nitrogen use efficiency and residual effect of fertilizers with nitrification inhibitors. European<br>Journal of Agronomy, 2016, 80, 1-8.        | 4.1 | 52        |
| 20 | Nitrogen use efficiency and fertiliser fate in a long-term experiment with winter cover crops.<br>European Journal of Agronomy, 2016, 79, 14-22. | 4.1 | 48        |
| 21 | Quantitative characterization of five cover crop species. Journal of Agricultural Science, 2015, 153, 1174-1185.                                 | 1.3 | 33        |
| 22 | Multicriteria decision analysis applied to cover crop species and cultivars selection. Field Crops Research, 2015, 175, 106-115.                 | 5.1 | 40        |
| 23 | The Kill Date as a Management Tool for Cover Cropping Success. PLoS ONE, 2014, 9, e109587.                                                       | 2.5 | 100       |