

# Marta Astier

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

972  
citations

566801

15  
h-index

454577

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1068  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Sensory profile and acceptance of maize tortillas by rural and urban consumers in Mexico. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2300-2308.   | 1.7 | 5         |
| 2  | Globalized supply chains: Emergent telecouplings in Mexico's beef economy and environmental leakages. <i>Global Environmental Change</i> , 2022, 74, 102486.  | 3.6 | 3         |
| 3  | Emerging Agro-Rural Complexities in Occident Mexico: Approach from Sustainability Science and Transdisciplinarity. <i>Sustainability</i> , 2021, 13, 3257.  | 1.6 | 3         |
| 4  | Post-NAFTA Changes in Peasant Land Use—The Case of the Páitzcuaro Lake Watershed Region in the Central-West México. <i>Land</i> , 2020, 9, 75.  | 1.2 | 9         |
| 5  | Sustainability of agroecological interventions in small scale farming systems in the Western Highlands of Guatemala. <i>International Journal of Agricultural Sustainability</i> , 2020, 18, 285-299.               | 1.3 | 10        |
| 6  | Comparison of nutritional properties and bioactive compounds between industrial and artisan fresh tortillas from maize landraces. <i>Current Research in Food Science</i> , 2020, 3, 189-194.                       | 2.7 | 24        |
| 7  | Handmade Comal Tortillas in Michoacán: Traditional Practices along the Rural-Urban Gradient. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3211.                             | 1.2 | 10        |
| 8  | Handmade tortilla production in the basins of lakes Páitzcuaro and Zirahuán, Mexico. <i>Journal of Maps</i> , 2019, 15, 52-57.  | 1.0 | 5         |
| 9  | Participatory evaluation of food and nutritional security through sustainability indicators in a highland peasant system in Guatemala. <i>Agroecology and Sustainable Food Systems</i> , 2019, 43, 482-513.         | 1.0 | 8         |
| 10 | Management practices and diversity of flower visitors and herbaceous plants in conventional and organic avocado orchards in Michoacán, Mexico. <i>Agroecology and Sustainable Food Systems</i> , 2018, 42, 530-551. | 1.0 | 11        |
| 11 | Farmer Field Schools (FFSs): A Tool Empowering Sustainability and Food Security in Peasant Farming Systems in the Nicaraguan Highlands. <i>Sustainability</i> , 2018, 10, 3020.                                     | 1.6 | 10        |
| 12 | Promoting sustainable local development of rural communities and mitigating climate change: the case of Mexico's Patsari improved cookstove project. <i>Climatic Change</i> , 2017, 140, 63-77.                     | 1.7 | 31        |
| 13 | Back to the roots: understanding current agroecological movement, science, and practice in Mexico. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 329-348.   | 1.0 | 17        |
| 14 | Socio-economic and environmental changes related to maize richness in Mexico's central highlands. <i>Agriculture and Human Values</i> , 2017, 34, 377-391.  | 1.7 | 19        |
| 15 | Agricultural Land Use Change after NAFTA in Central West Mexico. <i>Land</i> , 2017, 6, 66.   | 1.2 | 9         |
| 16 | Ecosystem service trade-offs, perceived drivers, and sustainability in contrasting agroecosystems in central Mexico. <i>Ecology and Society</i> , 2015, 20, .   | 1.0 | 25        |
| 17 | Changes in Climate, Crops, and Tradition: Cajete Maize and the Rainfed Farming Systems of Oaxaca, Mexico. <i>Human Ecology</i> , 2015, 43, 639-653.   | 0.7 | 16        |
| 18 | Silenced voices, vital arguments: smallholder farmers in the Mexican GM maize controversy. <i>Agriculture and Human Values</i> , 2014, 31, 655-663.   | 1.7 | 12        |

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|----|---|-----|-----------|
| 19 | Farmer Strategies for Dealing with Climatic Variability: A Case Study from the Mixteca Alta Region of Oaxaca, Mexico. <i>Agroecology and Sustainable Food Systems</i> , 2014, 38, 786-811.  | 1.0 | 46        |
| 20 | Energy balance and greenhouse gas emissions in organic and conventional avocado orchards in Mexico. <i>Ecological Indicators</i> , 2014, 43, 281-287.   | 2.6 | 30        |
| 21 | Sustainability and climate variability in low-input peasant maize systems in the central Mexican highlands. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 195-205.  | 2.5 | 29        |
| 22 | Environmental and socio-economic sustainability of chinampas (raised beds) in Xochimilco, Mexico City. <i>International Journal of Agricultural Sustainability</i> , 2013, 11, 216-233.   | 1.3 | 41        |
| 23 | Urban expansion into a protected natural area in Mexico City: alternative management scenarios. <i>Journal of Environmental Planning and Management</i> , 2013, 56, 398-411.  | 2.4 | 35        |
| 24 | Assessing the Sustainability of Small Farmer Natural Resource Management Systems. A Critical Analysis of the MESMIS Program (1995-2010). <i>Ecology and Society</i> , 2012, 17, .   | 1.0 | 79        |
| 25 | Sustainability indicators, alternative strategies and trade-offs in peasant agroecosystems: analysing 15 case studies from Latin America. <i>International Journal of Agricultural Sustainability</i> , 2011, 9, 409-422.                 | 1.3 | 58        |
| 26 | Participatory identification and mapping of maize diversity in the Páitzcuaro-Zirahuón Basins, Michoacán, Mexico. <i>Journal of Maps</i> , 2010, 6, 1-6.  | 1.0 | 5         |
| 27 | Ten years of sustainability evaluation using the MESMIS framework: Lessons learned from its application in 28 Latin American case studies. <i>International Journal of Sustainable Development and World Ecology</i> , 2007, 14, 345-361. | 3.2 | 66        |
| 28 | Ecological sustainability evaluation of traditional management in different vineyard systems in Berisso, Argentina. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 335-345.  | 2.5 | 50        |
| 29 | Trade-off Analysis for Sustainability Evaluation: A Case Study of the Purhepecha Region, Mexico. <i>Outlook on Agriculture</i> , 2006, 35, 57-64.   | 1.8 | 8         |
| 30 | Evaluating the sustainability of complex socio-environmental systems. the MESMIS framework. <i>Ecological Indicators</i> , 2002, 2, 135-148.  | 2.6 | 269       |
| 31 | Combining Legumes and Compost: A Viable Alternative for Farmers in Conversion to Organic Agriculture. <i>Compost Science and Utilization</i> , 1994, 2, 80-87.  | 1.2 | 15        |
| 32 | Mapa interactivo. Diversidad de maíz y paisajes agrícolas en las cuencas de Páitzcuaro y Zirahuón 2000-2005. , 0, , .   |     | 0         |