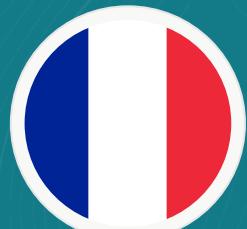




State of the European  
Alternative Protein Research  
Ecosystem 2019-2023

# Publishing landscape analysis

Deep-dive on France, Italy, Portugal and  
Spain





# Headline statistics



|  |         |
|--|---------|
| <b>Publications</b>                        | 415     |
| <b>Sources</b>                             | 135     |
| <b>Average growth rate %</b>               | 48.33%  |
| <b>2019-2023 % change</b>                  | 414.29% |
| <b>Cited publications (%)</b>              | 96.14%  |
| <b>Total citations</b>                     | 7,712   |
| <b>Average citations per doc</b>           | 18.58   |
| <b>Average citations per doc per year</b>  | 3.71    |
| <b>Authors</b>                             | 1,758   |
| <b>Publications per author</b>             | 0.236   |
| <b>Co-authors per doc</b>                  | 4.236   |
| <b>Organisations</b>                       | 497     |
| <b>Countries</b>                           | 55      |
| <b>Multi-organisation publications (%)</b> | 69.64%  |
| <b>International co-authorships (%)</b>    | 49.16%  |



# Country breakdown



|          | Publications | Researchers |
|----------|--------------|-------------|
| Italy    | 144          | 403         |
| Spain    | 134          | 292         |
| France   | 110          | 245         |
| Portugal | 66           | 183         |



# Top 10 organizations

INRAE Paris  
University of Naples Federico II  
University of Bari Aldo Moro  
University of Lisbon  
Universidade de Vigo  
University of Minho  
University of Parma  
Catholic University of Portugal  
University of Milan  
UMR STLO

|                                  | Publications | Citations |
|----------------------------------|--------------|-----------|
| INRAE Paris                      | 23           | 492       |
| University of Naples Federico II | 23           | 460       |
| University of Bari Aldo Moro     | 22           | 666       |
| University of Lisbon             | 21           | 335       |
| Universidade de Vigo             | 13           | 396       |
| University of Minho              | 13           | 774       |
| University of Parma              | 12           | 373       |
| Catholic University of Portugal  | 11           | 355       |
| University of Milan              | 11           | 289       |
| UMR STLO                         | 11           | 239       |

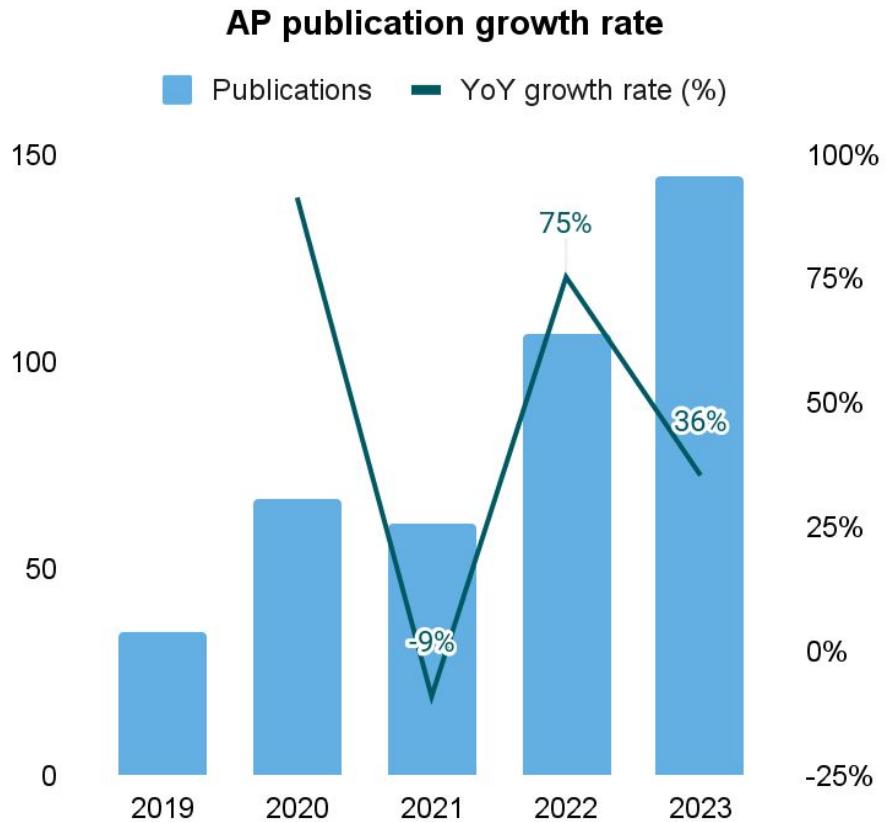


# Top 10 researchers

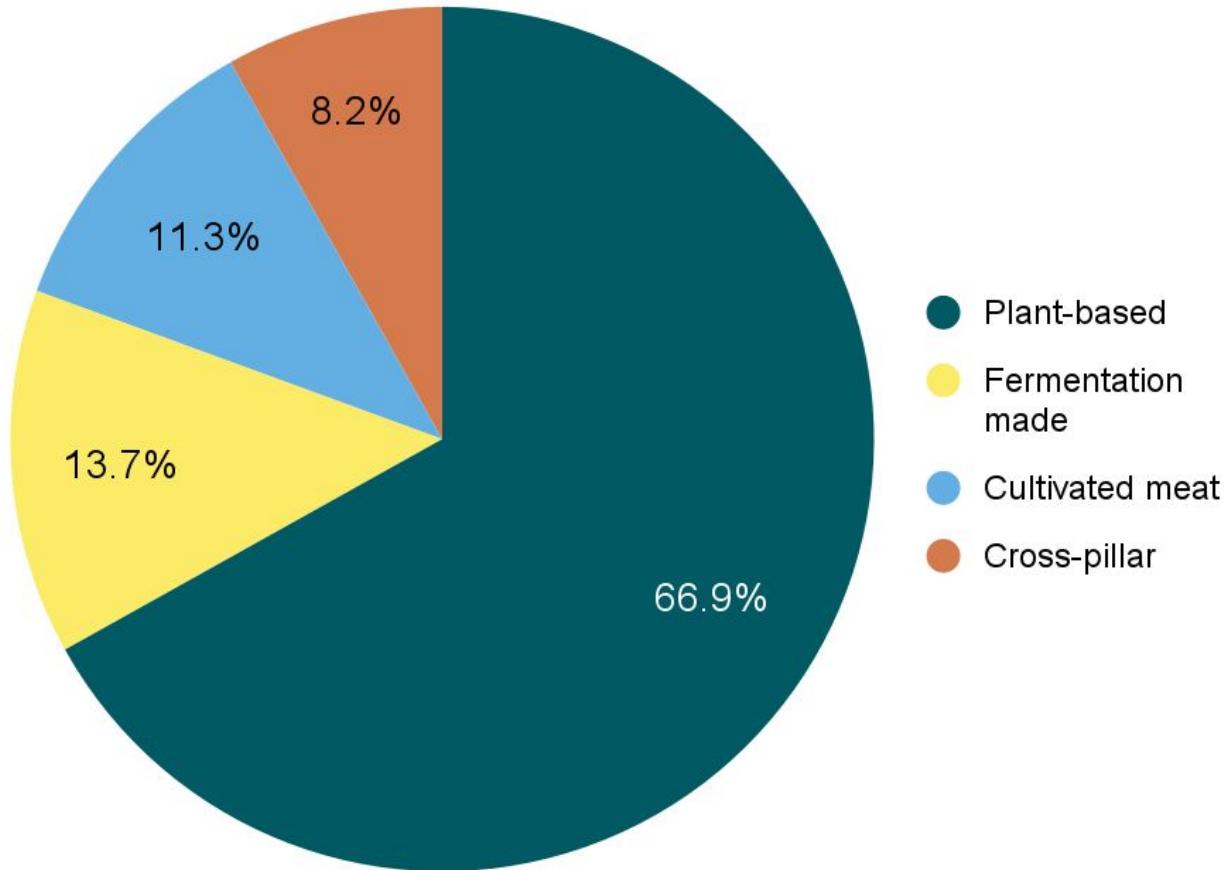
| Researcher                    | Organisation                 | Publications | Citations |
|-------------------------------|------------------------------|--------------|-----------|
| Jean-François Hocquette       | VetAgro Sup                  | 10           | 512       |
| Milad Hadidi                  | UCLM                         | 9            | 294       |
| Sghaier Chriki                | ISARA                        | 9            | 489       |
| Anne Saint-Eve                | AgroParisTech                | 9            | 166       |
| Isabelle Souchon              | University of Avignon        | 9            | 145       |
| Antonella Pasqualone          | University of Bari Aldo Moro | 9            | 212       |
| Marie-Pierre Ellies-Oury      | Bordeaux Sciences Agro       | 8            | 183       |
| Carmine Summo                 | University of Bari Aldo Moro | 8            | 161       |
| Valérie Gagnaire              | INRAE                        | 8            | 119       |
| Ricardo Nuno Correia Pereira, | University of Minho          | 7            | 363       |



# Publication growth rate

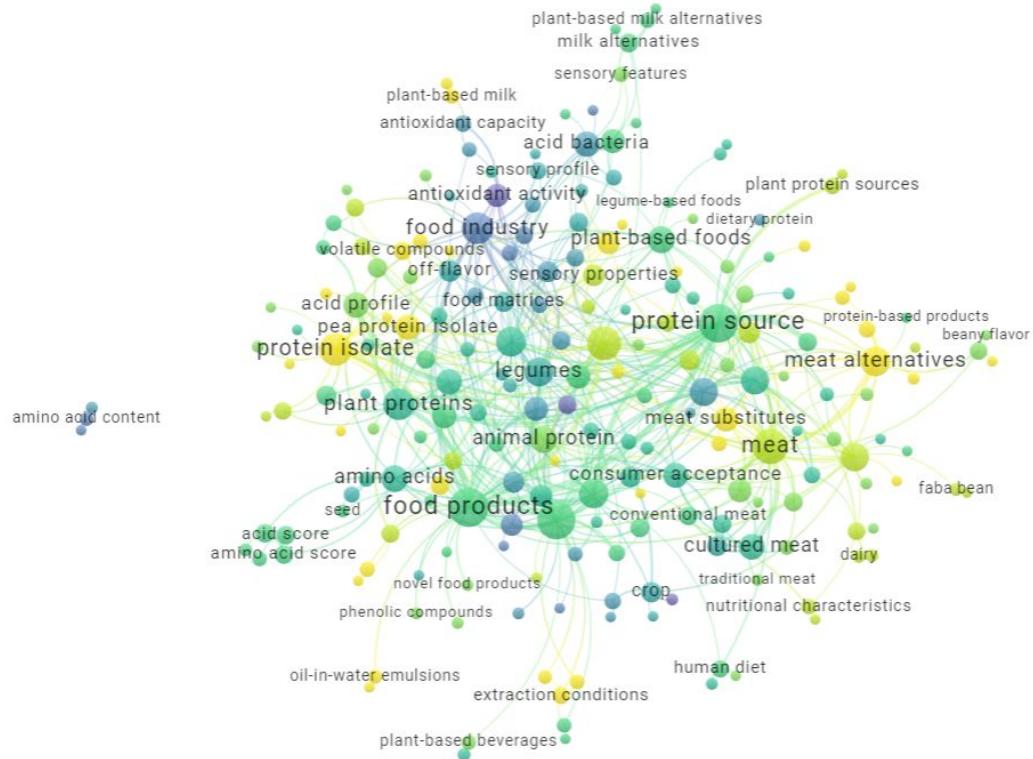


# Publications by AP pillar





# Concepts network

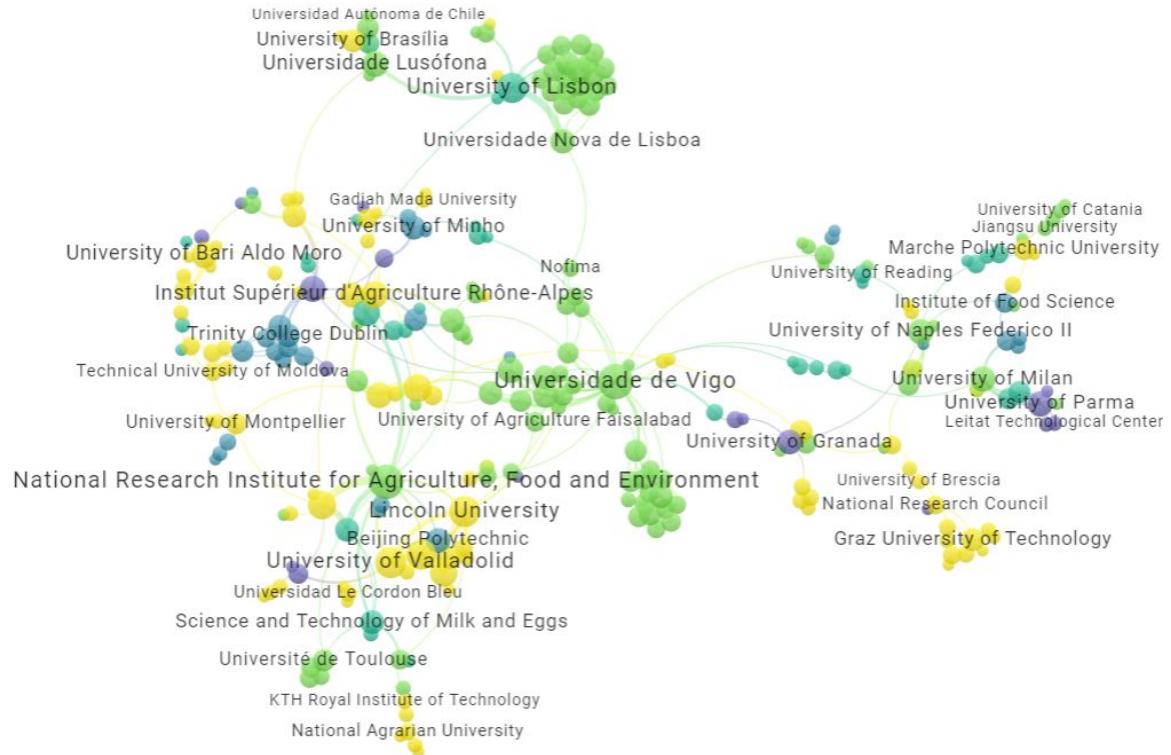


Items Links Publications  
213 493 1542

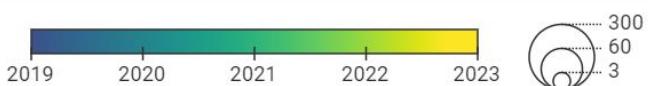




# Collaboration network



Items Links Unique publications  
267 453 591





# Most productive institutional collaborations

| Institutions                      |                                     | Publications | Citations |
|-----------------------------------|-------------------------------------|--------------|-----------|
| ISARA                             | Bordeaux Sciences Agro              | 6            | 160       |
| INRAE                             | WUR                                 | 6            | 131       |
| University of Valladolid          | Harper Adams University             | 5            | 318       |
| University of Castilla-La Mancha  | University of Massachusetts Amherst | 5            | 83        |
| University of Lisbon              | Universidade Nova de Lisboa         | 5            | 24        |
| INRAE                             | TiFN                                | 4            | 124       |
| University of Valladolid          | Lincoln University                  | 4            | 122       |
| Autonomous University of Coahuila | University of Minho                 | 3            | 168       |
| Sapienza University of Rome       | University of Bari Aldo Moro        | 3            | 141       |
| University of Udine               | University of Parma                 | 3            | 114       |



# Collaborating countries

United States  
United Kingdom  
Netherlands  
Brazil  
Germany  
China  
Ireland  
New Zealand  
India  
Denmark

|                | Publications | Researchers |
|----------------|--------------|-------------|
| United States  | 30           | 35          |
| United Kingdom | 22           | 51          |
| Netherlands    | 18           | 35          |
| Brazil         | 17           | 48          |
| Germany        | 17           | 31          |
| China          | 12           | 40          |
| Ireland        | 10           | 17          |
| New Zealand    | 9            | 14          |
| India          | 8            | 34          |
| Denmark        | 8            | 24          |

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