

# Agns Rolland-Sabat

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

381

citations

8

h-index

9

g-index

9

ext. papers

420

ext. citations

8.1

avg, IF

2.95

L-index

| # | Paper   | IF   | Citations |
|---|---|------|-----------|
| 9 | Multiscale Structure of Starches Grafted with Hydrophobic Groups: A New Analytical Strategy. <i>Molecules</i> , <b>2020</b> , 25,   | 4.8  | 8         |
| 8 | Macromolecular structure and film properties of enzymatically-engineered high molar mass dextrans. <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 337-344  | 10.3 | 9         |
| 7 | Enzymatic synthesis of polysaccharide-based copolymers. <i>Green Chemistry</i> , <b>2018</b> , 20, 4012-4022  | 10   | 14        |
| 6 | Shape-memory effect in amorphous potato starch: The influence of local orders and paracrystallinity. <i>Carbohydrate Polymers</i> , <b>2016</b> , 146, 411-9  | 10.3 | 17        |
| 5 | Understanding the destructureation of starch in water <sup>rich</sup> liquid mixtures. <i>Green Chemistry</i> , <b>2015</b> , 17, 291-299   | 10   | 44        |
| 4 | In vitro synthesis of hyperbranched $\alpha$ -glucans using a biomimetic enzymatic toolbox. <i>Biomacromolecules</i> , <b>2013</b> , 14, 438-47   | 6.9  | 24        |
| 3 | Structural characterization of novel cassava starches with low and high-amylose contents in comparison with other commercial sources. <i>Food Hydrocolloids</i> , <b>2012</b> , 27, 161-174   | 10.6 | 97        |
| 2 | Molecular size and mass distributions of native starches using complementary separation methods: asymmetrical flow field flow fractionation (A4F) and hydrodynamic and size exclusion chromatography (HDC-SEC). <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 1493-505 | 4.4  | 63        |
| 1 | Branching features of amylopectins and glycogen determined by asymmetrical flow field flow fractionation coupled with multiangle laser light scattering. <i>Biomacromolecules</i> , <b>2007</b> , 8, 2520-32  | 6.9  | 105       |