

# Xavier Turon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3398930/publications.pdf>

Version: 2024-02-01

11  
papers

562  
citations

1040056

9  
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1281871

11  
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11  
all docs

11  
docs citations

11  
times ranked

844  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Enzymatic Kinetics of Cellulose Hydrolysis: A QCM-D Study. Langmuir, 2008, 24, 3880-3887.  | 3.5  | 158       |
| 2  | Enzymatic Hydrolysis of Native Cellulose Nanofibrils and Other Cellulose Model Films: Effect of Surface Structure. Langmuir, 2008, 24, 11592-11599.  | 3.5  | 144       |
| 3  | Valorization of biodiesel derived glycerol as a carbon source to obtain added-value metabolites: Focus on polyunsaturated fatty acids. Biotechnology Advances, 2012, 30, 733-741.  | 11.7 | 86        |
| 4  | Evaluation of the reinforcing effect of ground wood pulp in the preparation of polypropylene-based composites coupled with maleic anhydride grafted polypropylene. Journal of Applied Polymer Science, 2007, 105, 3588-3596. | 2.6  | 61        |
| 5  | Predicting flotation efficiency using neural networks. Chemical Engineering and Processing: Process Intensification, 2007, 46, 314-322.  | 3.6  | 35        |
| 6  | Biotechnological Production of Docosahexaenoic Acid Using Aurantiochytrium limacinum: Carbon Sources Comparison And Growth Characterization. Marine Drugs, 2015, 13, 7275-7284.  | 4.6  | 30        |
| 7  | Food Waste and Byproduct Valorization through Bio-processing: Opportunities and Challenges. BioResources, 2014, 9, 5774-5777.  | 1.0  | 16        |
| 8  | Measurement of Cellulase Activity with Piezoelectric Resonators. ACS Symposium Series, 2007, , 478-494.  | 0.5  | 15        |
| 9  | Simulation and optimisation of a high grade coated paper mill. Journal of Cleaner Production, 2005, 13, 1424-1433.   | 9.3  | 9         |
| 10 | Rapid monitoring of glycerol in fermentation growth media: Facilitating crude glycerol bioprocess development. Talanta, 2014, 121, 210-214.  | 5.5  | 5         |
| 11 | Algae Oil, a Valuable Source of Long Chain Polyunsaturated Fatty Acids. Journal of Life Medicine, 2013, 01, 11-14.   | 0.1  | 3         |