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## Amélioration génétique du Peuplier exploité en TCR

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**PROJET FUTUROL**  
**LISTE DES ARTICLES A COMITE DE LECTURE ET DES THESES**  
**ANNEES 2010 à 2016**

*Triée par module et par actions*  
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**Revue à Comité de Lecture – Ressources lignocellulosiques**

- [1] Cadoux, S., F. Ferchaud, C. Demay, H. Boizart, J.-M. Machet, E. Fourdinier, M. Preudhomme, B. Chabbert, G. Gosse and B. Mary (2014). "Implications of productivity and nutrient requirements on greenhouse gas balance of annual and perennial bioenergy crops." *Global Change Biology Bioenergy* **6** (4): 425-438.  
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- [10] Marc, Jillian (2013). Modulation par approches microbiologique et génétique de la synthèse d'acide acétique lors de la production d'éthanol sous métabolisme oxydo-réductif chez *Saccharomyces cerevisiae*. Ecole Doctorale SEVAB. INSA. Toulouse, soutenance le 26/09/2013.  
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## **2014**

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Action PE1a

## **2015**

- [17] Ferchaud, Fabien (2015). Etude des bilans d'eau, d'azote et de carbone dans des agrosystèmes dédiés à la production de biomasse en fonction des espèces et des pratiques culturales. Ecole doctorale ABIES. AgroParisTech. Paris, soutenance le 26/06/2015.  
Action R2a

## **2016**

- [18] Bennati-Granier, Chloé (2016). Nouvelles enzymes fongiques pour l'amélioration de la dégradation de la biomasse lignocellulosique : Etude des « Lytic Polysaccharide Monooxygenases » (LPMOs). Ecole doctorale Sciences de la Vie et de la Santé. Université d'Aix-Marseille. Marseille, soutenance le 02/02/2016.  
Action PT5f

## Autres publications (Communications, Posters)

Synthèse par module et par années, au 01/03/16

| NB sur Action        |       | Type   |         |         |                |       |       |  |
|----------------------|-------|--------|---------|---------|----------------|-------|-------|--|
| Module               | Année | _Comm. | _Poster | Article | Projet Article | Thèse | Total |  |
| ▼ Fermentation       | 2010  | 2      |         |         |                |       | 2     |  |
|                      | 2011  | 1      | 1       |         |                |       | 2     |  |
|                      | 2012  | 2      | 1       | 1       |                |       | 4     |  |
|                      | 2013  |        |         | 1       |                | 2     | 3     |  |
|                      | 2014  | 1      |         |         |                |       | 1     |  |
|                      | 2016  |        |         | 1       |                |       | 1     |  |
| Somme Fermentation   |       | 6      | 2       | 3       |                | 2     | 13    |  |
| ▼ Hydrolyse          | 2012  |        | 1       |         |                |       | 1     |  |
|                      | 2013  | 2      |         |         |                |       | 2     |  |
|                      | 2014  | 1      |         |         |                | 1     | 2     |  |
|                      | 2016  |        |         |         | 1              |       | 1     |  |
| Somme Hydrolyse      |       | 3      | 1       |         | 1              | 1     | 6     |  |
| ▼ Pré-traitement     | 2011  |        | 2       |         |                |       | 2     |  |
|                      | 2012  |        | 2       | 2       |                | 1     | 5     |  |
|                      | 2013  | 2      | 1       |         |                |       | 3     |  |
|                      | 2014  | 1      |         |         |                | 1     | 2     |  |
|                      | 2015  |        |         | 3       |                | 1     | 4     |  |
|                      | 2016  | 4      |         |         | 1              |       | 5     |  |
| Somme Pré-traitement |       | 7      | 5       | 5       | 1              | 3     | 21    |  |
| ▼ Prod Enzyme        | 2011  |        |         | 2       |                |       | 2     |  |
|                      | 2012  |        | 1       | 5       |                | 3     | 9     |  |
|                      | 2013  | 1      | 3       | 3       |                |       | 7     |  |
|                      | 2014  | 1      | 1       | 1       |                | 1     | 4     |  |
| Somme Prod Enzymes   |       | 2      | 5       | 11      |                | 4     | 22    |  |
| ▼ Ressources         | 2009  | 1      |         |         |                |       | 1     |  |
|                      | 2010  | 1      | 1       | 1       |                |       | 3     |  |
|                      | 2011  | 6      | 1       | 1       |                |       | 8     |  |
|                      | 2012  | 9      | 5       | 5       |                | 3     | 22    |  |
|                      | 2013  | 1      | 3       | 4       |                | 2     | 10    |  |
|                      | 2014  | 3      | 4       | 5       |                | 2     | 14    |  |
|                      | 2015  |        |         | 6       |                | 1     | 7     |  |
|                      | 2016  |        |         | 1       | 11             |       | 12    |  |
| Somme Ressources     |       | 21     | 14      | 23      | 11             | 8     | 77    |  |
| Total                |       | 39     | 27      | 42      | 13             | 18    | 139   |  |