

### **Analysis of maize meiotic mutants to fix heterosis**

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 42  
[http://maizegdb.org/maize\\_meeting/abstracts/2016Program.pdf](http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf)

### **Application of the pathogen Trojan horse approach in maize (*Zea mays*)**

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Biomolecular interpretation of the Trojan horse myth : use of *Ustilago maydis* to analyze the function of maize (*Zea mays*) MAC1**

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 50  
[http://maizegdb.org/maize\\_meeting/abstracts/2016Program.pdf](http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf)

### **Calculations of activation energy and frequency factors for corn leaf pyrolysis using excel solver: new concept**

Al-Ayed, Omar Salim; Amer, Mohammad Waleed; **Maaten, Birgit**; Ahmed, Muhammad Sajjad International journal of chemical reactor engineering 2021 / p. 799–807 <https://doi.org/10.1515/ijcre-2020-0140> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Characterization of novel anther mutants in maize**

Moon, Jihyun; **Timofejeva, Ljudmilla**; Lee, Sidae 53rd Annual Maize Genetics Conference Abstracts : St. Charles, Illinois, USA, March 17-20, 2011 2011 / p. P096

### **Combinational inhibitory action of *hedychium spicatum* L. essential oil and $\gamma$ -radiation on growth rate and mycotoxins content of *fusarium graminearum* in maize: response surface methodology**

Kalagatur, Naveen K.; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil**

Levandi, Tuuli 2013 <https://digi.lib.ttu.ee/i/?899> [https://www.ester.ee/record=b2948245\\*est](https://www.ester.ee/record=b2948245*est)

### **Cytological characterization and allelism testing of anther developmental mutants identified in a screen of maize male sterile lines**

**Timofejeva, Ljudmilla**; Skibbe, David; Lee, Sidae G3 : genes, genomes, genetics 2013 / p. 231-249 : ill

### **Geneetiliselt muundatud mais ja soja ebaseaduslikult müügil : [kommenteerib Erkki Truve]**

Varma, Erki; **Truve, Erkki** Eesti Päevaleht 2003 / 17. märts, lk. 4 <https://epi.delfi.ee/artikkel/50949393/geneetiliselt-muundatud-mais-ja-soja-ebaseaduslikult-muugil>

### **Geneetiliselt muundatud toit eestlase toidulaua : kas tuleks lubada Eesti turule geneetiliselt muundatud maisisorte? : [Erkki Truve on poolt]**

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### **Is the maize ortholog of the yeast Pch2 (Pachytene checkpoint 2) involved in meiotic surveillance?**

**Timofejeva, Ljudmilla**; Golubovskaya, Inna; **Relvik, Tõnis**; Pawlowski, W.; **Truve, Erkki** EMBO Meiosis Conference 2015 : St Catherine's College, Oxford, UK 2015 / p. 183

### **Maize meiosis and collection of meiotic mutants**

**Golubovskaja, Inna**; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, Zac 51st Maize Genetics Conference : March 12-15, 2009, St.Charles, Illinois, USA 2009 / p. 34

### **Maize meiotic mutants with improper or non-homologous synapsis due to problems in pairing or synaptonemal complex formation**

Golubovskaya, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, W.Zacheus Journal of experimental botany 2011 / p. 1533-1544 : ill <https://pubmed.ncbi.nlm.nih.gov/20926553/>

### **New maize mutants defective in anther development**

**Timofejeva, Ljudmilla**; Lee, Sidae; Harper, Lisa; **Golubovskaja, Inna**; Wang, Rachel; Vasudevan, Srividya; Walbot, Virginia; Cande, Zac 51st Maize Genetics Conference : March 12-15, 2009, St.Charles, Illinois, USA 2009 / p. 93

### **Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ**

Linde, Karina van der; **Timofejeva, Ljudmilla**; Egger, Rachel L.; Ilau, Birger The Plant cell 2018 / p. 528-542 : ill

**Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize**

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**The collection of maize meiotic mutants illuminates the process of recombination during the leptotene stage**

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