

**ASK1, a SKP1 homolog, is required for nuclear reorganization, presynaptic homolog juxtaposition and the proper distribution of cohesin during meiosis in Arabidopsis**

Zhao, Dazhong; Yang, Xiaohui; Quan, Li; **Timofejeva, Ljudmilla** Plant molecular biology 2006 / 1/2, p. 99-110

[https://www.researchgate.net/publication/6890651\\_ASK1\\_a\\_SKP1\\_homolog\\_is\\_required\\_for\\_nuclear\\_reorganization\\_presynaptic\\_homolog\\_juxtaposition\\_and\\_the\\_proper\\_distribution\\_of\\_cohesin\\_during\\_meiosis\\_in\\_Arabidopsis](https://www.researchgate.net/publication/6890651_ASK1_a_SKP1_homolog_is_required_for_nuclear_reorganization_presynaptic_homolog_juxtaposition_and_the_proper_distribution_of_cohesin_during_meiosis_in_Arabidopsis)

**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/>

**Meiotic mutants affecting homologous synapsis**

Golubovskaya, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, Zac 52nd Annual Maize Genetics Conference : Riva del Garda (Trento), Italy, March 18-21, 2010 2010 / p. 65

**Plexin-B3 suppresses excitatory and promotes inhibitory synapse formation in rat hippocampal neurons**

**Laht, Piret**; Tammaru, Epp; Otsus, Maarja; **Rohtla, Johan**; **Tiismus, Liivi**; **Veske, Andres** Experimental cell research 2015 / p.

269-278 : ill <https://doi.org/10.1016/j.yexcr.2015.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A probabilistic synapse with strained MTJs for Spiking Neural Networks**

**Pagliarini, Samuel Nascimento**; Bhuin, Sudipta; Isgenc, Mehmet Meric; Biswas, Ayan Kumar; Pileggi, Larry IEEE Transactions on Neural Networks and Learning Systems 2020 / p. 1113-1123 : ill <https://doi.org/10.1109/TNNLS.2019.2917819>

**The AtRAD51C gene is required for normal meiotic chromosome synapsis and double-stranded break repair in Arabidopsis**

Li, W.; Yang, X.; Lin, Z.; **Timofejeva, Ljudmilla**; Xiao, R.; Makaroff, Christopher A.; Ma, H. Plant physiology 2005 / 2, p. 965-976

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1150411/>

**A thermodynamical viewpoint to nerve pulse dynmics : research report (Mech 67/92)**

Maugin, Gerard A.; Engelbrecht, Jüri 1992 [https://www.estee.ee/record=b5569209\\*est](https://www.estee.ee/record=b5569209*est)