

LSMU NEUROMOKSLŲ INSTITUTO NEUROFIZIOLOGIJOS LABORATORIJA

Svarbiausios 2021 m. – 2011 m. publikacijos

Thomson Reuters DB pagrindinio sąrašo leidiniuose

Clarivate Analytics Journal Citation Reports sąrašo leidiniuose

1. Jankevičiūtė, Silvija; **Svirskienė, Nataša; Svirskis, Gytis**; Borutaitė, Vilmantė. Effects of Metformin on Spontaneous Ca²⁺ Signals in Cultured Microglia Cells under Normoxic and Hypoxic Conditions // International journal of molecular sciences. Basel : MDPI. ISSN 1422-0067, 2021, vol. 22, no. 17, p. 1-19. doi:10.3390/ijms22179493. Prieiga per internetą: <<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8430509/>>. Science Citation Index Expanded (Web of Science); MEDLINE. [S1] [M.kr.: N004, N011] [Citav. rodiklis: 5.923, bendr. cit. rod.: 6.387, kvartilis: Q1 (2020. InCites JCR SCIE)] [Indėlis: 0,5]
2. **Svirskienė, Nataša**; Pampuščenko, Katryna; **Svirskis, Gytis**; Borutaitė, Vilmantė. Different effects of metformin and phenformin on hypoxia-induced Ca²⁺ fluxes in cultured primary neurons // Brain research. Amsterdam : Elsevier. ISSN 0006-8993, 2021, vol. 1750, p. 1-8. doi:10.1016/j.brainres.2020.147151. Prieiga per internetą: <<https://doi.org/10.1016/j.brainres.2020.147151>>. Science Citation Index Expanded (Web of Science); MEDLINE. [S1] [M.kr.: N004, N011] [Citav. rodiklis: 3.252, bendr. cit. rod.: 4.805, kvartilis: Q3 (2020. InCites JCR SCIE)] [Indėlis: 0,5]
3. Balion, Zbigniev; Cėpla, Vyautas; **Svirskienė, Nataša; Svirskis, Gytis**; Druceikaitė, Kristina; Inokaitis, Hermanas; Rusteikaitė, Justina; Masilionis, Ignas; Stankevičienė, Gintarė; Jelinskas, Tadas; Ulčinas, Artūras; Samanta, Ayan; Valiokas, Ramūnas; Jekabsone, Aistė. Cerebellar Cells Self-Assemble Into Functional Organoids on Synthetic, Chemically Crosslinked ECM-Mimicking Peptide Hydrogels // Biomolecules. Basel : MDPI. ISSN 2218-273X, 2020, vol. 10, no. 5, p. 1-24. doi:10.3390/biom10050754. Prieiga per internetą: <<https://doi.org/10.3390/biom10050754>> <<https://pubmed.ncbi.nlm.nih.gov/32408703/>>. Science Citation Index Expanded (Web of Science); MEDLINE. [S1] [Citav. rodiklis: 4.082, bendr. cit. rod.: 4.694 , kvartilis: Q2 (2019. InCites JCR SCIE)] [M.kr.: N004, N011] [Indėlis: 0,142]
4. **Baranauskas, Gytis**. Limited Spatial Spread Explains the Dependence of Visual Response Adaptation on Stimulus Size in Rat Superior Colliculus Neurons : research article // Neuroscience. Oxford : Pergamon-Elsevier. ISSN 0306-4522, 2020, vol. 451, p. 60-78. doi:10.1016/j.neuroscience.2020.10.017. Prieiga per internetą: <<https://doi.org/10.1016/j.neuroscience.2020.10.017>>. Science Citation Index Expanded (Web of Science); MEDLINE. [S1] [Citav. rodiklis: 3.056, bendr. cit. rod.: 4.038 , kvartilis: Q2 (2019. InCites JCR SCIE)] [M.kr.: N011] [Indėlis: 1]
5. Bytautienė, Juntautė; **Baranauskas, Gytis**. Experimentally derived model shows that adaptation acts as a powerful spatiotemporal filter of visual responses in the rat collicular neurons // Scientific reports. London : Nature Publishing Group. eISSN 2045-2322. 2018, vol. 8, no. 1, 8942, p. 1-12. DOI: 10.1038/s41598-018-27331-2. [DOAJ; Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 4,122 (2017, SCIE)] [M.kr.: 02B]
6. **Bytautienė, Juntautė; Baranauskas, Gytis**. Rat superior colliculus neurons respond to large visual stimuli flashed outside the classical receptive field // PLoS One. San Francisco: Public Library of Science. eISSN 1932-6203. 2017, vol. 12, no. 4, p. 1-18. DOI: 10.1371/journal.pone.0174409. [Scopus; DOAJ; MEDLINE; AGRICOLA; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 2,806 (2016, SCIE)] [M.kr.: 06B, 02B]
7. Baginskas, Armuntas; **Kuras, Antanas**. Retinal co-mediator acetylcholine evokes muscarinic inhibition of recurrent excitation in frog tectum column // Neuroscience letters. East Park Shannon: Elsevier. ISSN: 03043940, eISSN: 1872-7972. 2016, vol. 629, p. 137-142. DOI: 10.1016/j.neulet.2016.07.005. [Scopus; MEDLINE; Chemical abstracts; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 2,107 (2015, SCIE)] [M.kr.: 04P]
8. **Baranauskas, Gytis; Svirskis, Gytis; Tkatch, Tatiana**. Spatial synchronization of visual stimulus-evoked gamma frequency oscillations in the rat superior colliculus // Neuroreport. London, England: Lippincott Williams & Wilkins. ISSN: 0959-4965. 2016, vol. 27, no. 3, p. 203-209. DOI: 10.1097/WNR.0000000000000525. [MEDLINE; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 1,343 (2015, SCIE)] [M.kr.: 06B]

9. Angotzi, Giannicola N; Baranauskas, Gytis; Vato, Alessandro; Bonfanti, Andrea; Zambra, Guido; Maggiolini, Emma; Semprini, Marianna; Ricci, Davide; Ansaldo, Alberto; Castagnola, Elisa; Ius, Tamara; Skrap, Miran; Fadiga, Luciano. A Compact and autoclavable system for acute extracellular neural recording and brain pressure monitoring for humans // *IEEE transactions on biomedical circuits and systems*. New York, NY: IEEE. ISSN 1932-4545. 2015, vol. 9, no. 1, p. 50-59. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/25486648>>. [Science Citation Index Expanded (Web of Science); MEDLINE]. IF: 2.482 (2014) (M).
10. Baginskas, Armuntas; Kuraitė, Vilija; Kuras, Antanas. Nicotinic potentiation of frog retinotectal transmission in tectum layer F by $\alpha 3\beta 2$, $\alpha 4\beta 2$, $\alpha 2\beta 4$, $\alpha 6\beta 2$, or $\alpha 7$ acetylcholine receptor subtypes // *Medicina*. Amsterdam: Elsevier. (Original research article). ISSN 1010-660X. 2015, vol. 51, no. 2, p. 117-125. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/25975881>>. [Science Citation Index Expanded (Web of Science); MEDLINE; Index Copernicus; Scopus]. IF: 0.494 (2014) (M).
11. Svirskis, Gytis; Baranauskas, Gytis; Svirskienė, Nataša; Tkatch, Tatiana. Visual stimuli evoked action potentials trigger rapidly propagating dendritic calcium transients in the frog optic tectum layer 6 neurons // *PloS One* [electronic resource]. San Francisco: Public Library of Science. (Research article). ISSN 1932-6203. 2015, vol. 10, no. 9, p. 1-13 : pav. Prieiga per internetą: <<http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0139472&representation=PDF>>. [Science Citation Index Expanded (Web of Science); MEDLINE; PsycINFO; EMBASE; AGRICOLA; Scopus]. IF: 3.234 (2014) (M).
12. Baginskas, Armuntas; Kuras, Antanas. Mechanisms of suprathreshold excitation of a frog tectal neuron column by discharge of a single moving edge or darkness detector and their relation to a frog's escape reactions / A. Baginskas, A. Kuras // *Frogs : genetic diversity, neural development and ecological implications* (Series: Animal Science, Issues and Professions) / Editor: Henry Lambert. New York : Nova Science Pub Inc, 2014. ISBN 9781631176272. p. 89-137 : pav. Prieiga per internetą: <https://www.novapublishers.com/catalog/product_info.php?products_id=48888&osCsid=>.
13. Baginskas, Armuntas; Kuraitė, Vilija; Kuras, Antanas. Phasic nicotinic potentiation of frog retinotectal transmission facilitates eliciting of higher activity level of the tectum column // *Neuroscience Letters*. Limerick: Elsevier Scientific Publishers Ireland. ISSN 0304-3940. 2013, vol. 554, p. 1-5 : pav. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/24012815>>. [Science Citation Index Expanded (Web of Science); MEDLINE]. IF: 2.026 (2012) (M).
14. Baginskas, Armuntas; Kuraitė, Vilija; Kuras, Antanas. Frog retinal ganglion cells projecting to the tectum layer F release acetylcholine as co-mediator // *Neuroscience Letters*. Limerick : Elsevier Scientific Publishers Ireland. ISSN 0304-3940. 2012, vol. 522, iss. 1, p. 145-150 : pav. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/22728061>>. [Science Citation Index Expanded (Web of Science); MEDLINE; ScienceDirect; BIOSIS; Chemical Abstracts; Current Contents/Life Sciences; EMBASE; Elsevier BIOBASE; Pascal M; Reference Update; SCOPUS]. [Citav. rod.: 2,105 (2011)][Indėlis: 0,333; indeksas: 0,701]
15. Baginskas, Armuntas; Kuraitė, Vilija; Kuras, Antanas. Phasic nicotinic potentiation of frog retinotectal transmission enhances intrinsic activity of tectum column // *Neuroscience research*. Limerick : Elsevier. ISSN 0168-0102. 2012, vol. 74, no. 1, p. 42-47 : pav, lent. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/22801460>>. [Science Citation Index Expanded (Web of Science); MEDLINE; ScienceDirect; PsycINFO Psychological Abstracts; Chemical Abstracts; BIOSIS; Cambridge Scientific Abstracts (CSA); EMBASE; Elsevier BIOBASE/Current awareness; Reference Update; SCOPUS]. [Citav. rod.: 2,25 (2011)][Indėlis: 0,333; indeksas: 0,749]
16. Baranauskas, Gytis; Svirskienė, Nataša; Svirskis, Gytis. 20 Hz membrane potential oscillations are driven by synaptic inputs in collision-detecting neurons in the frog optic tectum // *Neuroscience letters*. Limerick : Elsevier Scientific Publishers Ireland. ISSN 0304-3940. 2012, vol. 528, no. 2, p. 196-200 : pav. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/22995176>>. [Science Citation Index Expanded (Web of Science); MEDLINE; ScienceDirect; BIOSIS; Chemical Abstracts; Current Contents/Life Sciences; EMBASE; Elsevier BIOBASE; Pascal M; Reference Update; SCOPUS]. [Citav. rod.: 2,105 (2011)][Indėlis: 0,333; indeksas: 0,701]
17. Baginskas, Armuntas; Kuraitė, Vilija; Kuras, Antanas. Presynaptic nicotinic potentiation of a frog retinotectal transmission evoked by discharge of a single retina ganglion cell // *Neuroscience research*. Limerick : Elsevier. ISSN 0168-0102. 2011, vol. 70, no. 4, p. 391-400. Prieiga per internetą: <<http://www.sciencedirect.com/science/article/pii/S0168010211001337>>. [Science Citation Index Expanded (Web of Science); MEDLINE; ScienceDirect; PsycINFO Psychological Abstracts; Chemical Abstracts; BIOSIS; Cambridge Scientific Abstracts (CSA); EMBASE; Elsevier

- BIOBASE/Current awareness; Reference Update; SCOPUS]. [Citav. rod.: 2,25][Indėlis: 0,333; indeksas: 0,749]
18. Baginskas, Aruntas; Kuras, Antanas. Muscarinic inhibition of recurrent glutamatergic excitation in frog tectum column prevents NMDA receptor activation on eVerent neuron // Experimental brain research. Experimentelle Hirnforschung. Expérimentation cėrėbrale. Berlin : Springer. ISSN 0014-4819. 2011, vol. 208, iss. 3, p. 323-334. Prieiga per internetą: <<http://www.springerlink.com/content/e83535t375655448/>>. [ISI Web of Science; MEDLINE; Abstracts in Anthropology; Academic OneFile; Academic Search; AGRICOLA; Biological Abstracts; BIOSIS; CAB Abstracts; CAB International; Chemical Abstracts Service; Elsevier Biobase; EMBASE; ERIH; Gale; Global Health; Google Scholar; Health Reference Center Academic; IBIDS; Index Copernicus; INIS Atomindex; International Bibliography of Periodical Literature (IBZ); PSYCLINE; SCOPUS]. [Citav. rod.: 2,395][Indėlis: 0,5; indeksas: 1,198]
19. Gabrielaitis, Mantas; Buisas, Rokas; Guzulaitis, Robertas; Svirskis, Gytis; Alaburda, Aidas. Persistent sodium current decreases transient gain in turtle motoneurons // Brain research. Amsterdam : Elsevier. (Research Report). ISSN 0006-8993. 2011, vol. 1373, p. 11-16. Prieiga per internetą: <<http://www.sciencedirect.com/science/article/pii/S0006899310026508>>. [ISI Web of Science; MEDLINE]. [Citav. rod.: 2,728][Indėlis: 0,1; indeksas: 0,273]