

**LSMU NEUROMOKSLŲ INSTITUTO BIOFIZIKOS IR BIOINFORMATIKOS
LABORATORIJA**

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Thomson Reuters DB pagrindinio sąrašo leidiniuose

Clarivate Analytics Journal Citation Reports sąrašo leidiniuose

1. Buteikienė, Dovilė; **Kybartaitė-Žilienė, Asta**; Kriauciūnienė, Loresa; Barzdžiukas, Valerijus; Janulevičienė, Ingrida; Paunksnis, Alvydas. Morphometric parameters of the optic disk in normal and glaucomatous eyes based on time-domain optical coherence tomography image analysis // Medicina. Wrocław: Elsevier. ISSN 1010-660X. 2017, vol. 53, no. 4, p. 242-252. DOI: 10.1016/j.medici.2017.05.007. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science); IndexCopernicus] [Citav. rod.: 0,802 (2016, SCIE)] [M.kr.: 06B]
2. Stanislovaitienė, Daiva; Žaliūnienė, Dalia; **Kriščiukaitis, Algimantas**; **Petrolis, Robertas**; Smalinskienė, Alina; Lesauskaitė, Vita; Tamošiūnas, Abdonas; Lesauskaitė, Vaiva. SCARB1 rs5888 is associated with the risk of age-related macular degeneration susceptibility and an impaired macular area // Ophthalmic genetics. London: Informa Healthcare. ISSN 1381-6810. eISSN 1744-5094. 2017, vol. 38, no. 3, p. 233-237. DOI: 10.1080/13816810.2016.1203442. [Scopus; MEDLINE; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 1,277 (2016, SCIE)] [M.kr.: 06B]
3. Kybartaitė-Žilienė, Asta; Gelžinis, Arvydas; **Kriščiukaitis, Algimantas**. A method for reconstruction of visually evoked potentials from limited amount of sweeps // Biomedizinische Technik. Biomedical engineering. Berlin: Walter de Gruyter Publishers. ISSN: 0013-5585, eISSN: 1862-278X. 2016, vol. 61, iss. 6, p. 579-586. DOI: 10.1515/bmt-2015-0088. [MEDLINE; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 1,650 (2015, SCIE)] [M.kr.: 02B]
4. Stanislovaitienė, Daiva; Žaliūnienė, Dalia; **Kriščiukaitis, Algimantas**; **Petrolis, Robertas**; Smalinskienė, Alina; Lesauskaitė, Vita; Tamošiūnas, Abdonas; Lesauskaitė, Vaiva. SCARB1 rs5888 is associated with the risk of age-related macular degeneration susceptibility and an impaired macular area // Ophthalmic genetics. London: Informa Healthcare. ISSN: 1381-6810. 2016, vol. 00, no. 00, p. 00-00. DOI: 10.1080/13816810.2016.1203442. [MEDLINE; Science Citation Index Expanded (Web of Science)] [Citav. rod.: 1,886 (2015, SCIE)] [M.kr.: 06B]
5. Kybartaitė-Žilienė, Asta; Gelžinis, Arvydas; Kriščiukaitis, Algimantas. A method for reconstruction of visually evoked potentials from limited amount of sweeps // Biomedizinische Technik. Biomedical engineering. Berlin: Walter de Gruyter Publishers. ISSN 0013-5585. 2015, vol. 00, iss. 00, p. 00-00. Prieiga per internetą: <<http://www.degruyter.com/view/j/bmte.ahead-of-print/bmt-2015-0088/bmt-2015-0088.xml?format=INT>>. [Science Citation Index Expanded (Web of Science)]. IF: 1.458 (2014) (M).
6. Petrolis, Robertas; Ramonaitė, Rima; Jančiauskas, Dainius; Kupčinskas, Juozas; Pečiulis, Rokas; Kupčinskas, Limas; Kriščiukaitis, Algimantas. Digital imaging of colon tissue: method for evaluation of inflammation severity by spatial frequency features of the histological images // Diagnostic pathology [electronic resource]. [London]: BioMed Central. (Research). ISSN 1746-1596. 2015, vol. 10, no. 1, p. 1-10 : pav, lent. Prieiga per internetą: <<http://www.diagnosticpathology.org/content/pdf/s13000-015-0389-7.pdf>>. [Science Citation Index Expanded (Web of Science); MEDLINE; CAS; Index Copernicus; Scopus]. IF: 2.597 (2014) (M).
7. Petrolis, Robertas; Gintautas, Vladas; Kriščiukaitis, Algimantas. Multi stage principal component analysis based method for abdominal ECG decomposition // Physiological measurement. Bristol, UK: IOP Pub. Ltd. ISSN 0967-3334. 2015, vol. 36, no. 2, p. 329-340. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/25605504>>. [Science Citation Index Expanded (Web of Science); MEDLINE; Scopus; EMBASE/Excerpta Medica; EMBiology; NASA Astrophysical Data System]. IF: 1.617 (2013) (M).
8. Morkūnienė, Ramunė; Čižas, Paulius; Jankevičiūtė, Silvija; Petrolis, Robertas; Arandarčikaitė, Odetta; Kriščiukaitis, Algimantas; Borutaitė, Vilmantė. Small A β 1-42 475475: Role of N-methyl-D-aspartate receptors // Journal of neuroscience research. New York, NY: Wiley Interscience. ISSN 0360-4012. 2015, vol. 93, no. 3, p. 475-486 : pav. [Science Citation Index Expanded (Web of Science); MEDLINE; Scopus]. IF: 2.729 (2013) (M).
9. Kriščiukaitis, Algimantas; Šimoliūnienė, Renata; Macas, Andrius; Petrolis, Robertas; Drėgūnas, Kęstutis; Bakšytė, Giedrė; Pieteris, Linas; Bertašienė, Zita; Žaliūnė, Remigijus. Detection and evaluation of ventricular repolarization alternans: An approach to combined ECG, thoracic impedance, and beat-to-beat heart rate variability analysis // Medicina. Amsterdam : Elsevier. (Original research article). ISSN 1010-660X. 2014, vol. 50, no. 6, p. 345-352 : pav, lent. Prieiga per internetą: http://ac.els-cdn.com/S1010660X14001104/1-s2.0-S1010660X14001104-main.pdf?_tid=b7e45678-7a16-11e4-96aa-00000aab0f02&acdnat=1417520052_678d9ddb63c21d5d71b6ec308badd666

10. Morkūnienė, Ramunė; Čižas, Paulius; Jankevičiūtė, Silvija; Petrolis, Robertas; Arandarčikaitė, Odetta; Kriščiukaitis, Algimantas; Borutaitė, Vilmantė. Small A β 1-42 oligomer-induced membrane depolarization of neuronal and microglial cells: Role of N-methyl-D-aspartate receptors // Journal of neuroscience research. New York, NY : Wiley Interscience. ISSN 0360-4012. 2014
11. Ablonskytė-Dūdonienė, Rūta; Bakšytė, Giedrė; Čeponienė, Indrė; Kriščiukaitis, Algimantas; Dregūnas, Kęstutis; Ereminienė, Eglė. Prognosis of in-hospital myocardial infarction course for diabetic and nondiabetic patients using a noninvasive evaluation of hemodynamics and heart rate variability // Medicina. Kaunas: Lietuvos sveikatos mokslų universitetas. (Clinical investigations). ISSN 1010-660X. 2013, t. 49, Nr. 6, p. 262-272 : pav, lent. Prieiga per internetą: <<http://medicina.kmu.lt/1306/1306-03e.pdf>>. [Science Citation Index Expanded (Web of Science); MEDLINE; Index Copernicus; DOAJ]. IF: 0.550 (2012) (M).
12. Krakauskaitė, Solventa; Šimoliūnienė, Renata; Petrolis, Robertas; Kriščiukaitis, Algimantas. Peculiarities of multivariate analysis based methods for detection and evaluation of ECG T-wave // Elektronika ir elektrotechnika = Electronics and electrical engineering. Kaunas: Technologija. (Signal technology). ISSN 1392-1215. 2013, vol. 19, no. 9, p. 85-88 : pav. Prieiga per internetą: <<http://www.eejournal.ktu.lt/index.php/elt/article/view/5655>>. [Science Citation Index Expanded (Web of Science); CSA / ASCE Civil Engineering Abstracts; Current Abstracts; INSPEC; VINITI]. IF: 0.41 (2012) (M).
13. Morkūnienė, Ramunė; Žvirblienė, Aurelija; Dalgedienė, Indrė; Čižas, Paulius; Jankevičiūtė, Silvija; Baliūtytė, Giedrė; Jokubka, Ramunas; Jankunec, Marija; Valinčius, Gintaras; Borutaitė, Vilmantė. Antibodies bound to A β oligomers potentiate the neurotoxicity of A β by activating microglia // Journal of Neurochemistry. Oxford, UK: Blackwell Science. (Original article). ISSN 0022-3042. 2013, vol. 126, iss. 5, p. 604-615 : pav. Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/23745639>>. [Science Citation Index Expanded (Web of Science); MEDLINE]. IF: 4.061 (2011) (M).
14. Ramonaitė, Rima; Skiecevičienė, Jurgita; Kiudelis, Gediminas; Jonaitis, Laimas Virginijus; Tamelis, Algimantas; Čižas, Paulius; Borutaitė, Vilmantė; Kupčinskas, Limas. Influence of NADPH oxidase on inflammatory response in primary intestinal epithelial cells in patients with ulcerative colitis // BMC gastroenterology [electronic resource]. London: BioMed Central. (Research article). ISSN 1471-230X. 2013, vol. 13, 1 skelb. (no. 159). Prieiga per internetą: <<http://www.ncbi.nlm.nih.gov/pubmed/24229374>>. [Science Citation Index Expanded (Web of Science); MEDLINE; CABI; CAS; DOAJ; Embase; Global Health; Google Scholar; Index Copernicus; Scopus]. IF: 2.11 (2012) (M).
15. Ablonskytė-Dūdonienė, Rūta; Bakšytė, Giedrė; Čeponienė, Indrė; Kriščiukaitis, Algimantas; Drégūnas, Kęstutis; Ereminienė, Eglė. Impedance cardiography and heart rate variability for long-term cardiovascular outcome prediction after myocardial infarction è // Medicina. Kaunas : Lietuvos sveikatos mokslų universitetas. (Clinical investigations). ISSN 1010-660X. 2012, t. 48, Nr. 7, p. 350-358 : lent. Prieiga per internetą: <<http://medicina.kmu.lt/1207/1207-04e.pdf>>. [Science Citation Index Expanded (Web of Science); MEDLINE; Index Copernicus; DOAJ]. [Citav. rod.: 0,423 (2011)][Indėlis: 0,167; indeksas: 0,071]
16. Čižas, Paulius; Jekabsone, Aistė; Borutaitė, Vilmantė; Morkūnienė, Ramunė. Prevention of Amyloid-Beta Oligomer-Induced Neuronal Death by EGTA, Estradiol, and Endocytosis Inhibitor // Medicina. Kaunas : Lietuvos sveikatos mokslų universitetas. (Eksperimentiniai tyrimai). ISSN 1010-660X. 2011, t. 47, Nr. 2, p. 107-112. Prieiga per internetą: <<http://medicina.kmu.lt/1102/1102-06e.pdf>>. [Science Citation Index Expanded (Web of Science); MEDLINE; Index Copernicus; DOAJ]. [Citav. rod.: 0,423][Indėlis: 0,25; indeksas: 0,106]
17. Kriščiukaitis, Algimantas; Macas, Andrius; Šimoliūnienė, Renata; Petrolis, Robertas; Bertašienė, Zita. Novel approach to chest impedance signal analysis // Biosignals 2011 : Proceedings of the International Conference on Bio-Inspired Systems and Signal Processing : January 26-29, Rome, Italy, 2011 / Edited by Fabio Babiloni, et al. Lisboa, Portugal : SciTePress - Science and Technology Publications, 2011. (Biosignals - International Conference on Bio-Inspired Systems and Signal Processing.). ISBN 978-989-8425-35-5. p. 526-529 : pav. [Conference Proceedings Citation Index].[Indėlis: 0,2]
18. Kriščiukaitis, Algimantas; Šimoliūnienė, Renata; Macas, Andrius; Bakšytė, Giedrė; Šaferis, Viktoras; Žaliūnas, Remigijus. Methods for monitoring and prognosis of clinical status of patients in acute phase of myocardial infarction for computer network based clinical decision support system // Biomedical Signal Processing and Control. Kidlington, Oxford : Elsevier Science. ISSN 1746-8094. 2011, vol. 6, iss. 3, spec. iss.S1, p. 244-250. Prieiga per internetą: <<http://www.sciencedirect.com/science/article/pii/S1746809410000790>>. [Science Citation Index Expanded (Web of Science)]. [Citav. rod.: 1][Indėlis: 0,167; indeksas: 0,167]