

LIST OF PUBLICATIONS

1. Papers
- with SJR

1. Bocheva, N., Genova, B., Stefanova, M., Drift Diffusion Modeling of Response Time in Heading Estimation Based on Motion and Form Cues, International Journal of Biology and Biomedical Engineering, vol.12, 2018, pp.75-83, ISSN: 1998-4510, SJR 2017: 0.118

<http://www.naun.org/main/NAUN/bio/2018/a222010-024.pdf>

<https://www.scimagojr.com/journalsearch.php?q=21100381259&tip=sid&clean=0>

2. Koprinkova-Hristova, P., Stefanova, M., Genova, B., Bocheva, N., Echo State Network for Classification of Human Eye Movements During Decision Making, In: Iliadis L., Maglogiannis I., Plagianakos V. (eds) Artificial Intelligence Applications and Innovations. AIAI 2018. IFIP Advances in Information and Communication Technology, vol 519, pp.337-348; SJR 2017: 0.178

https://link.springer.com/chapter/10.1007/978-3-319-92007-8_29

3. Kraleva, R., KraleV, V., Sinyagina, N., Koprinkova-Hristova, P., Bocheva, N. Design and analysis of a relational database for behavioral experiments data processing. International Journal of Online Engineering, Vol. 14, Issue 2, 2018, pp.117-132; ISSN: 1861-2121; SJR 2017: 0.150

<http://online-journals.org/index.php/i-joe/article/view/7988>

4. KraleV, V., Kraleva, R., Sinyagina, N., Koprinkova-Hristova, P., Bocheva, N., An analysis of a web service based approach for experimental data sharing, International Journal of Online Engineering, (accepted paper, to appear in vol. 10, 2018); ISSN: 1861-2121; SJR 2017: 0.150

<http://online-journals.org/index.php/i-joe/>

5. Nedelcheva, S., Koprinkova-Hristova, P., Orientation selectivity tuning of a spike timing neural network model of the first layer of the human visual cortex. 12th Annual Meeting of the Bulgarian Section of SIAM BGSIAM'17, December 20-22, 2017, Sofia, Bulgaria (Abstract); accepted for publication in: Advanced Computing in Industrial Mathematics, K. Georgiev, M. Todorov, I. Georgiev (Eds.), Studies in Computational Intelligence, ISSN:1860-949X, E-ISSN:1860-9503; SJR 2017: 0.184

<https://www.scopus.com/sourceid/4900152708>

- referred papers

6. Bocheva, N., Stefanova, M., Stefanov, S., Contribution of spatial and temporal integration in heading perception, 15th International Congress Vision Science and Eye, London, 10-11.08.2017, International Journal of Ophthalmic Pathology, vol.6, Issue 4 (Proceedings of 15th International Congress on Vision Science and Eye), 2017, p.34; ISSN: 2324-8599, DOI: 10.4172/2324-8599-C1-002

<https://www.scitechnol.com/proceedings/contribution-of-spatial-and-temporal-integration-in-heading-perception-4657.html>

7. Koprinkova-Hristova, P., Nedelcheva, S., Bocheva, N., Investigation of Feedback Connections Effect of a Spike Timing Neural Network Model of Early Visual, IEEE (SMC) International Conference on INnovations in Intelligent SysTems and Applications INISTA 2018, July 3-5, 2018, Thessaloniki, Greece (to appear in IEEEExplore, Web of Science and Scopus), <http://www.inista.org/>

8. Tchamova, A., Dezert, J., Konstantinova, P., Bocheva, N., Genova, B., Stefanova, M., Human Heading Perception Based on Form and Motion Combination, IEEE (SMC) International Conference on INnovations in Intelligent SysTems and Applications INISTA 2018, July 3-5, 2018, Thessaloniki, Greece (to appear in IEEEExplore, Web of Science and Scopus), <http://www.inista.org/>

- others

9. Григоров, М., Неделчева, С., Копринкова-Христова, П., Невронен модел на първия слой от зрителната кора, XV Национална Младежка Научно-практическа Конференция, Федерация на научно-техническите съюзи в България, 2017, ISSN: 1314-8931, стр.70-75.

2. Conference presentations

10. Bocheva, N., Genova, B., Stefanova, M., Stefanov, S., Drift diffusion modeling of reaction time: effects of information reliability and age on decision making, SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION, Dedicated to the 70th Anniversary of the Institute of Neurobiology, Bulgarian Academy of Sciences, 30 November – 01 December, 2017, Sofia, Bulgaria.

11. Koprinkova-Hristova, P., Bocheva, N., Nedelcheva, S., Stefanova, M., A model of self-motion perception developed in NEST, NEST Conference 2018: A Forum for Users and Developers, 25-26 June 2018, NMBU, Ås, Norway

<https://indico-jsc.fz-juelich.de/event/71/material/3/2.pdf>