# Теодор Бояджиев - публикации и цитати към 20.01.2023 г.

## Монография на базата на защитен дисертационен труд:

1. **Boyadzhiev, T.**. Data Analysis for Fluorescence Microscopy. LAP Lambert Academic Publishing, 2022, ISBN:978-620-0-11412-9, 300 **Друго** Линк

## Публикации:

1. Zanetti-Domingues, L.C., Hirsch, M., Tynan, C.J., Rolfe, D.J., **Boyadzhiev, T.V.**, Scherer, K.M., Clarke, D.T., Martin-Fernandez, M.L., Needham, S.R.. Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7 nm resolution. Progress in Biophysics and Molecular Biology, 118, 3, 2015, ISSN:0079-6107, DOI:https://doi.org/10.1016/j.pbiomolbio.2015.04.002, 139-152. JCR-IF (Web of Science):2.581 **Q2 (Web of Science)** Линк
2. **Boyadzhiev T.**, S. Tsvetanov, S. Dimitrova. Deep Learning Image Classification for Pneumonia Detection. 29th International Conference on Systems, Signals and Image Processing (IWSSIP), code 182030, IEEE, 2022, ISSN:2157-8672, DOI:10.1109/IWSSIP55020.2022.9854442, 1-3 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк
3. **Boyadzhiev, T.**, Andonov, I., Tsvetanov, S.. Using Neural Network for Predicting the Load of Conveyor Systems. Ahram T., Taiar R. (eds) Human Interaction, Emerging Technologies and Future Systems V. IHIET 2021, 319, Lecture Notes in Networks and Systems, 2022, ISSN:2367-3370, DOI:https://doi.org/10.1007/978-3-030-85540-6_90, 714-719. SJR (Scopus):0.17 **Q4 (Scopus)** Линк
4. **Boyadzhiev, T.**, Dimitrova, S., Tsvetanov, S.. Comparison of Auto-Encoder Training Algorithms. Ahram T., Taiar R. (eds) Human Interaction, Emerging Technologies and Future Systems V. IHIET 2021, 319, Lecture Notes in Networks and Systems, 2022, ISSN:2367-3370, DOI:https://doi.org/10.1007/978-3-030-85540-6_88, 698-704. SJR (Scopus):0.17 **Q4 (Scopus)** Линк
5. **Boyadzhiev T.**, **Ivanova Kr.**. Instance Segmentation with BoundaryNet. International Workshop on Combinatorial Image Analysis, 13348, Lecture Notes in Computer Science (LNCS), Springer, 2023, ISBN:978-3-031-23612-9, ISSN:0302-9743, 1611-3349, DOI:https://doi.org/10.1007/978-3-031-23612-9_16, 260-269. SJR (Scopus):0.407 **Q2 (Scopus)** Линк

## Цитати - в WoS или Scopus или други научни издания

### 2015

1. Zanetti-Domingues, L.C., Hirsch, M., Tynan, C.J., Rolfe, D.J., **Boyadzhiev, T.V.**, Scherer, K.M., Clarke, D.T., Martin-Fernandez, M.L., Needham, S.R.. Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7 nm resolution. Progress in Biophysics and Molecular

Biology, 118, 3, 2015, ISSN:0079-6107, DOI:https://doi.org/10.1016/j.pbiomolbio.2015.04.002, 139-152. JCR-IF (Web of Science):2.581 **(x)**

a. Chou, J.J., Wang, J.-H. *Transmembrane signaling: A multiplex problem with converging solutions.* Progress in Biophysics and Molecular Biology, 2015, 118(3), pp. 87-88, **@2015 (x)**
b. Gambin Y., Polinkovsky M., Francois B., Giles N., Bhumkar A., Sierecki E. *Confocal spectroscopy to study dimerization, oligomerization and aggregation of proteins: A practical guide.* International Journal of Molecular Sciences, 2016, 17(5), art. n. 655, **@2016 (x)**
c. Worboys, J.G., Drumm, D.W., Greentree, A.D. *Quantum multilateration: Subdiffraction emitter pair localization via three spatially separate Hanbury Brown and Twiss measurements.* Physical Review A, 2020, 101(1), art. n. 013810, **@2020 (x)**

## 2022

**2.** **Boyadzhiev, T.**, Dimitrova, S., Tsvetanov, S.. Comparison of Auto-Encoder Training Algorithms. Ahram T., Taiar R. (eds) Human Interaction, Emerging Technologies and Future Systems V. IHIET 2021, 319, Lecture Notes in Networks and Systems, 2022, ISSN:2367-3370, DOI:https://doi.org/10.1007/978-3-030-85540-6_88, 698-704. SJR (Scopus):0.17 **(x)**

a. Sánchez-Gutiérrez, M.E., González-Pérez, P.P. *Multi-Class Classification of Medical Data Based on Neural Network Pruning and Information-Entropy Measures.* (2022) Entropy, 24 (2), art. no. 196. DOI: 10.3390/e24020196, **@2022 (x)**

**Брой цитирани публикации 2**

**Брой цитиращи източници 4**