**Списък публикации за конкурс за професор в област на висше образование**

4. Природни науки, математика и информатика,

Професионално направление: 4.6 Информатика и компютърни науки,

Научна специалност: 01.01.12 – Информатика

*(Информационни технологии и приложения в образованието и здравеопазването)*, обявен в "Държавен вестник", бр. 31/10.04.2018 г.

1. S. Tsolova, ***R. Yoshinov***, “Innovative Algorithm for Simulated Learning Environment on Strategic Modeling on Technology New Ventures”, Recent Advances in Electrical and Electronic Engineering, November 2014, ISBN 978-960-474-399-5, pp.289-294
2. ***Yoshinov R****., Kotseva, M, Pavlova D*. Specifications for Centralized DataCenter serving the educational cloud for Bulgaria. International conference ETAI, 1, 12, Ss. Cyril and Methodius University "Faculty of electrical engineering and information technologies", 2015, ISBN:978-9989630-77-4 , Paper 10-2, pp. 1-6
3. ***Yoshinov R.,*** *Kotseva, M, Trifonov R..* E-facilitators in school. International conference ETAI, 1, 12, Ss. Cyril and Methodius University "Faculty of electrical engineering and information technologies, 2015, ISBN:978-9989-630-77-4, Paper 7-3, pp. 1-5
4. ***Йошинов, Р****., Коцева, М., Колева, И..* Модел за оценка на професионалните компетенции на студентите по физиотерапия и рехабилитация. Сборник трудове - *VIIІ Национална конференция „Образованието и изследванията в информационното общество”*, 2015, ISSN:1314-0752, pp. 93 - 102
5. *Koleva I.,* ***Yoshinov R****., Yoshinov B.*Comparative evaluation of the efficacy of different neurorehabilitation programs on the functional recovery and the autonomy of patients with post stroke hemiparesis,  *Physical Medicine and Rehabilitation Research,* 2016, Volume 1, Issue 5, *doi: 10.15761/PMRR.1000126, ISSN: 2398-3353,**Volume 1(5)**pp. 1-8*
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7. ***R. Yoshinov***, M. Kotseva. The steps for elaboration of the “Rosetta stone” demonstrator. Proceedings of INSPIRING SCIENCE EDUCATION conference, April 22-24, Palini, Greece, 2016, Ellinogermaniki Agogi, 2016, ISBN:978-960-473-696-6, pp. 97-102
8. ***R. Yoshinov***, P. Arapi, M. Kotseva, S. Christodoulakis. Supporting Personalized Learning Experiences on top of Multimedia Digital Libraries. International journal of education and information technologies, 10, North Atlantic university union, 2016, ISSN:2074-1316, pp. 152-158
9. ***R. Yoshinov***, D. Pavlova, O. Kouzov. Reflection of ISE idea for linking school education and scientific research in the National Strategy for effective implementation of ICT in education and science in the Republic of Bulgaria. Proceedings of INSPIRING SCIENCE EDUCATION conference, April 22-24, Palini, Greece, 2016, ISBN:978-960-473-696-6, pp. 129-134
10. ***Yoshinov, R***., Kotseva M.. Vision for the Engagement of the e-Facilitator in School in the Inspiring Science Education Environment. Serdica Journal of Computing, Volume 9, Number 3-4, Institute of Mathematics and Informatics, BAS, 2016, ISSN:ISSN 1312-6555, pp. 241-256
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12. *Koleva I.,* ***Yoshinov R***. Evaluation of the Necessity of Education in the Field of Manual Medicine in Bulgaria and Training with a PC Based Programme (Adapted to the Level of Competences of Different Types of Users). *Proceedings of 11th annual International Technology, Education and Development Conference (INTED2017), Spain, 6th-8th March,* 2017, ISBN:978-84-617-8491-2, pp. 9396 - 9404
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14. *R. Trifonov, S. Manolov,* ***R. Yoshinov****, G. Tsochev, G. Pavlova. An adequate response to new Cyber Security challenges through Artificial Intelligence methods. Applications in Business and Economics.. WSEAS Transactions on Business and Economics, ISSN / E-ISSN: 1109-9526 / 2224-2899, Volume 14, 2017, Art. #30****,*** *pp. 272-281*
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16. *I. Koleva, B. Ioshinov,* ***R. Yoshinov***. Complex Analgesia (Infiltrations and Deep Oscillation) in Patients with Stump Pain and Phantom Pain after Lower Limb Amputation (Double-blind Randomized Controlled Trial of Efficacy). Journal of Advances in Medicine and Medical Research, 2017, *22(11): 1-17, 2017; Article no.JAMMR.34198,*ISSN:2231-0614, pp. 1-17
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19. *R. Trifonov,* ***R. Yoshinov****, B. Jekov, G. Pavlova*. E-government assessment. International Journal of Development Research, Vol. 07, Issue, 09, September, 2017, ISSN:2230-9926, ***(SJIF: 5.667)***, pp.14874-14881
20. *R. Trifonov,* ***R. Yoshinov****, G. Pavlova, G. Tsochev*. Artificial neural network intelligent method for prediction. *Mathematical Methods and Computational Techniques in Science and Engineering,* AIP Conf. Proc. Vol. 1872, doi: 10.1063/1.49966781872, Cambridge, UK, 2017, ISBN:978-0-7354-1552-2, pp. 020021-1 - 020021-6 ***(SJR = 0.163)***
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25. *Roumen Trifonov, S. Manolov,* ***Radoslav Yoshinov,*** *G. Tsochev, G. Pavlova.* .An adequate response to new Cyber Security challenges through. Artificial Intelligence methods. Applications in Business and Economics. WSEAS TRANSACTIONS on BUSINESS and ECONOMICS, Volume 14, 2017, E-ISSN: 2224-2899, pp. 272- 281 ***(SJR = 0.150)***
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**Монографични изследвания, учебници и книги**

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2. *R. Trifonov,* ***R. Yoshinov****.,* *et all.,* Interoperability in Electronic Government Applications, Avangard Prima Publisher, 2015, ISBN 978-619-160-456-2, 156 pages
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4. *Румен Трифонов.* ***Радослав Йошинов, и др .*** Оперативна съвместимост на информационни системи. Издателство „Авангард Прима“, 2016, ISBN:978-619-160-721-1, 202 стр., учебник
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# Класификация по тип издания

|  |  |  |
| --- | --- | --- |
| **Тип** | **Номер от горния списък** | **Брой** |
| Списания международни | 1,5,6,8,10,14,16,18,19,21,22,23,24,25,26,29 | 16 |
| Списания национални |  | 0 |
| Сборници и трудове на  национални конференции и такива  с международно участие | 4,11,15,27 | 4 |
| Сборници и трудове на  международни конференции | 2,3,7,9,12, 13,17,20,28 | 9 |
| Глави и части от глави в учебници | 30,33,34,37 | 4 |
| Монографични изследвания | 31,36 | 2 |
| Глави и части от глави в книги | 32, 35 | 2 |

**Класификация по тематика**

Представените за конкурса “Информационни технологии и приложения в образованието и здравеопазването” включват: 37 научни публикации, от които 4 учебника, 2 книги и 2 монографични изследвания, тематично попадат основно в следните **три** направления:

**Модели, методи и средства за изграждане, мониторинг и мрежова сигурност в информационни системи**

*включваща публикации 14,15,17,19,20,21,23,24,25,28, моногрофичното изследване 31 и учебника 34.*

**Приложения на информационните технологии в образованието,**

## *включваща публикации 1, 2, 3, 7, 8, 9, 10, 11, 13, 27, 29*

**Приложения на информационните технологии в здравеопазването**

*включваща публикации* 4, 5, 6, 12, 16, 22, 26, монографичното изследване 36, учебниците 30, 33, 37 и *книгите* 32,35.