



Университет „Проф. д-р Асен Златаров“

60 години академичен център за висше образование

ЛИЧНА ИНФОРМАЦИЯ



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ПРОФЕСИОНАЛЕН ОПИТ

Въведете дати (от - до)

Въведете заемана длъжност или позиция

- 2018: Доцент, Медицински колеж към Университет „Проф. д-р Асен Златаров“
- 2019-2024 : Ръководител Катедра „ Здравни и фармацевтични грижи“ при Медицински колеж към Университет „ проф. д-р Асен Златаров – Бургас“
- 2022: Доцент, ИБФБМИ – БАН
- 2023: Ръководител секция „ Управление на двигателната дейност“ при ИБФБМИ - БАН

ОБРАЗОВАНИЕ

Въведете дати (от - до)

Въведете придобита квалификация

- 2010: Национална спортна академия „Васил Левски“ – София
Магистър по Кинезитерапия
- 2015: ИБФБМИ, БАН
Доктор по Информатика и компютърни науки”, (научна специалност 02.21.10
“Приложение на принципите и методите на кибернетиката”) ИБФБМИ, БАН

ПРЕПОДАВАНИ ДИСЦИПЛИНИ

Медицински колеж

- Кинезиология, ОКС „професионален бакалавър“
- Патокинезиология, ОКС „професионален бакалавър“
- Мануално мускулно тестване, ОКС „професионален бакалавър“
- Кинезитерапия, ОКС „професионален бакалавър“
- Лечебен масаж, ОКС „професионален бакалавър“

НАУЧНА ДЕЙНОСТ

Списък публикации

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Ribagin, S., Sotirova, E., Pencheva, T.. Generalized Net Model of Adhesive Capsulitis Diagnosing. Lecture Notes in Computer Science, Springer, Cham, 2018, ISSN:0302-9743, DOI:https://doi.org/10.1007/978-3-319-73441-5_44, 408-415. SJR (Scopus):0.283 Q2 (Scopus) Линк

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- Stratiev, D., Shishkova, I., Palichev, G.N., Atanassov, K., Ribagin, S., Nenov, S., Nedanovski, D., Ivanov, V.. Study of Bulk Properties Relations to SARA Composition Data of Various Vacuum Residues Employing Intercriteria Analysis. Energies, 15, MDPI, 2022, DOI:10.3390/en15239042, 9042. SJR (Scopus):0.653, JCR-IF (Web of Science):3.252 Q1, не оглавява ранглистата (Scopus) Линк 1.000 37.50
- Andreev, N., Ribagin, S., Atanassov, K.. A Generalized Net Model of the Process of Obtaining and Diagnosing Convalescent Plasma from Patients with COVID-19. Contemporary Methods in Bioinformatics and Biomedicine and Their Applications, 374, Lecture Notes in Computer Science, 2022, ISBN:978-3-030-96638-6, 131-137. SJR (Scopus):0.407 Q3 (Scopus) Линк 1.000 66.67
- I. Shishkova, Stratiev, D., I. Kolev, S. Nenov, D. Nedanovski, K. Atanassov, V. Ivanov, S. Ribagin. Challenges in Petroleum Characterization—A Review. Energies, 15, 20, MDPI, 2022, ISSN:19961073, DOI:10.3390/en15207765, 7765. SJR (Scopus):0.653, JCR-IF (Web of Science):3.252 Q1, не оглавява ранглистата (Scopus) Линк 1.000 37.50
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- Stratiev, D., Shishkova, I, Ivanov, M, Petrov, I., Atanassova, V., Ribagin, S., Atanassov, K., Toteva, V., Stratiev, D. D.. Commercial and laboratory experience with catalytic cracking of straight run hydrotreated vacuum gas oil and h-oil gas oils. Journal of Chemical Technology and Metallurgy, 57, 2, 2022, 215-223. SJR (Scopus):0.253 Q3 (Scopus) Линк 1.000 44.44
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Sotirtova, E., Bozov, H., Sotirov, S., Bozova, G., Ribagin, S., Gonchev, V.. Multicriteria Analysis of Oncology Data During the Covid Pandemic. Lecture Notes in Networks and Systems, 658, Springer International Publishing AG, 2023, 111-118. SJR (Scopus):0.15 Q4 (Scopus) [Линк](#)

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Vassilev, V., Hlebarov, H., Ribagin, S., Atanassov, K.. InterCriteria Analysis of Data Obtained from Patients with Hypercholesterolemia Treated with Linoprixol. 2nd International Symposium on



Bioinformatics and Biomedicine, BioInfoMed 2022, 658, Lecture Notes in Networks and Systems, 2023, ISSN:23673370, DOI:10.1007/978-3-031-31069-0_8, 65-71. SJR (Scopus):0.151 Q4 (Scopus) Линк 1.000 50.00

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Изнесени доклади

№	Период на провеждане	Място на провеждане	Име на форума	Автори и наименование на доклада
1	06.09.2012 - 08.09.2012	Sofia, Bulgaria	6th IEEE International Conference on Intelligent Systems 2012	1. Ribagin, S. Generalized net model of the upper limb vascular system (Доклад)
2	04.09.2013 - 06.09.2013	Cape Town, South Africa	Models for Ageing and Technological Solutions for Improving and Enhancing the Quality of Life: Insights from Low and/or Middle Income Countries	2. Ribagin, S. Generalized net model of the ageing processes (Доклад)
3	11.10.2013 - 11.10.2013	Warsaw, Poland	12th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets 2013	3. Ribagin, S. Generalized net model of age-related changes in the upper limb musculoskeletal structures (Доклад)
4	04.06.2015 - 06.06.2015	Бургас, България	19th International Conference on Intuitionistic Fuzzy Sets 2015	4. Ribagin, S. Intuitionistic fuzzy evaluations of the elbow joint range of motion in the sagittal plane (Доклад)
5	04.09.2016 - 06.09.2016	Sofia, Bulgaria	8th IEEE International Conference on Intelligent Systems 2016	5. Ribagin S., Roeva, O., Pencheva, T. Generalized Net Model of Asymptomatic Osteoporosis Diagnosing (Доклад)
6	12.10.2016 - 14.10.2016	Warsaw, Poland	15th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets 2016	6. Ribagin S., Atanassov, K., Roeva, O., Pencheva, T. Generalized Net Model of Adolescent Idiopathic Scoliosis Diagnosing (Доклад)
7	22.05.2017 - 23.05.2017	Бургас, България	21st International Conference on Intuitionistic Fuzzy Sets 2017	7. Zaharieva, Bistra, Doukovska, Lyubka, Ribagin, Simeon, Radeva, Irina. InterCriteria approach to Behterev's disease analysis (Доклад)
8	05.06.2017 - 09.06.2017	Созопол, България	11th International Conference on Large-Scale Scientific Computations	8. Ribagin, Simeon, Sotirova, Evdokia, Pencheva, Tania. Generalized Net Model of Adhesive Capsulitis Diagnosing (Доклад)
9	21.06.2017 - 22.06.2017	Лондон, Великобритания	12th International Conference on Flexible Query Answering Systems	9. Ribagin, Simeon, Chountas, Panagiotis, Pencheva, Tania. Generalized Net Model of Muscle Pain Diagnosing (Доклад)
10	09.09.2017 - 09.09.2017	Банска Бистрица, Словакия	13th International Workshop on Intuitionistic Fuzzy Sets	10. Zaharieva, Bistra, Doukovska, Lyubka, Ribagin, Simeon, Michalíková, Alzbeta, Radeva, Irina. InterCriteria Decision Making Analysis of Behterev's

				Kinesitherapy Programs (Доклад) 11. Ribagin, S., Vassilev, P., Pencheva, T., Zadrožny, S.. Intuitionistic Fuzzy Generalized Net Model of Adolescent Idiopathic Scoliosis Classification and The Curve Progression Probability (Доклад)
11	21.06.2018 - 24.06.2018	Sozopol, България	27th Int. Conf. on Automation of Discreet Production	12. Angelova S., Veneva I., Raikova R., Ribagin S.. Activity of the upper limb muscles during motor tasks without and with an exoskeleton (Постер) 13. Ribagin, S.. Generalized Net Model for user-oriented control of active elbow orthosis device (Постер)
12	15.09.2018 - 17.09.2018	St. St. Konstantin and Elena, Bulgaria	Advances in Neural Networks and Applications 2018 (ANNA'18)	14. Ribagin, S., Pencheva, T., Shannon, A.. Generalized Net Model of Surface EMG Data Processing for Control of Active Elbow Orthosis Device (Доклад)
13	27.09.2018 - 28.09.2018	Warsaw, Poland	17th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets 2018	15. Ribagin, S.. Generalized Net Model of an Active Elbow Orthosis Prototype (Доклад) 16. N. Andreev, T. Pencheva, S. Ribagin, K. Atanassov. Generalized Net Model of Blood Donation Processes (Доклад) - [27.09.2018]
14	16.05.2019 - 17.05.2019	Sofia, Bulgaria	23rd International Conference on Intuitionistic Fuzzy Sets 2019	17. Andreev, N., Vassilev, P., Ribagin, S., Sotirov, S.. InterCriteria Analysis of data for blood collection in the Transfusion Hematology Department, University Hospital "St. Anna", Sofia (Доклад) 18. Andreev, N., Vassilev, P., Ribagin, S., Sotirov, S.. InterCriteria Analysis of data for blood collection in the Transfusion Hematology Department, University Hospital "St. Anna", Sofia (Доклад)
15	07.06.2019 - 10.06.2019	Mersin, Turkey	6th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference	19. Ribagin, S., Marinov, p., Stoyanov, T.. InterCriteria Analysis of Clinical Data Obtained from Patients with Diabetes Mellitus (Доклад)
16	30.06.2019 - 02.07.2019	Созопол, България	28 Международна научно-техническа конференция "Автоматизация на дискретното производство"	20. Ribagin S., Raykov P., Raikova R.. Mechanical design of an active elbow orthosis prototype (Постер)
17	06.09.2019 - 07.09.2019	Melbourne, Australia	Workshop Dynamical Systems in Physiology	21. T. Pencheva, S. Ribagin, K. Atanassov. On Application of Generalized Nets Theory and InterCriteria Analysis Approach to Biomedical Studies (Лекция)
18	24.10.2019 - 25.10.2019	Warsaw, Poland	18-th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets	22. Ribagin, S., Stavrev, S.. InterCriteria Analysis of data obtained from university students practicing sports activities (Доклад)
19	09.11.2019 - 10.11.2019	Banska Bystrica, Slovakia	Workshop on Intuitionistic Fuzzy Sets	23. Ribagin, S., Stavrev, S.. InterCriteria Analysis of data from intellectual and physical evaluation tests of students practicing sports activities (Доклад)
20	08.10.2020 - 10.10.2020	Burgas, Bulgaria	International Symposium on Bioinformatics and Biomedicine	24. Lubich, M., A. Shannon, C. Slavov, T. Pencheva, S. Ribagin, K. Atanassov. A Generalized Net Model of the Pattern of Behavior in Patients with eGFR < 20 ml/min. (CKD stage IV-V) (Доклад) 25. Ribagin, S., Grozeva, A., Popova, G.. Generalized Net Model of Telerehabilitation Program for



				<p>Patients with Socially Significant Diseases (Доклад) 26. Ribagin, S. Possible application of generalized Nets in Telemedicine Screening of Corona Virus Disease 2019 (COVID-19) (Доклад) 27. Andreev, N., Ribagin, S., Atanassov, K. Model of the process of obtaining and diagnosing convalescent plasma from patients with COVID-19 by Generalized Nets (Доклад)</p>
21	19.07.2022 - 21.07.2022	Istanbul, Turkey	Intelligent and Fuzzy Systems '2022	<p>28. Ribagin, Simeon, Sotirov, Sotir, Sotirova, Evdokia, Hristozov, Iasen, Atanassov, Krassimir T. Intuitionistic fuzzy generalized net model of the humanoid service robot functionalities (Доклад)</p>
22	09.09.2022 - 10.09.2022	Sofia, Bulgaria	25th Jubilee Edition of the International Conference on Intuitionistic Fuzzy Sets	<p>29. Vassilev, Peter, Ribagin, Simeon. The \ominus operation over intuitionistic fuzzy pairs (Доклад) - [09.09.2022]</p>
23	05.10.2022 - 07.10.2022	Burgas, Bulgaria	International Symposium on Bioinformatics and Biomedicine	<p>30. Vasilev, Valentin, Hlebarov, Hristo, Ribagin, Simeon, Atanassov, Krassimir. InterCriteria Analysis of Data Obtained from Patients with Hypercholesterolemia Treated with Linoprixol (Доклад) 31. Sotirova, Evdokia, Bozov, Hristo, Sotirov, Sotir, Bozova, Greta, Ribagin, Simeon, Gonchev, Vladimir. Multicriteria Analysis of Oncology Data during the Covid-19 Pandemic (Доклад) 32. Ribagin, Simeon, Grozeva, Antoaneta, Hristov, Stoyan. Generalized Net Model of Rehabilitation Algorithm for Patients with Proximal Humeral Fracture after Surgical Treatment (Доклад)</p>
24	12.10.2022 - 14.10.2022	Warsaw, Poland	IEEE Intelligent Systems IS'22	<p>33. Ribagin, Simeon, Hristozov, Iasen, Atanassov, Krassimir. Generalized net model of the DOBOT Magician robot functionalities (Доклад) 34. Ribagin, Simeon, Hristozov, Iasen, Atanassov, Krassimir. Generalized net model of a collective work of a DOBOT Magician robot system with centralized control (Доклад) 35. Ribagin, Simeon, Angelova-Popova, Gergana. Generalized net model of rehabilitation algorithm for patients with shoulder impingement syndrome (Доклад) 36. Sotirov, Sotir, Ribagin, Simeon. Hybrid sensor system for robot control with nonlinear autoregressive network with exogenous inputs (Доклад) 37. Ribagin, Simeon, Stavrev, Spas. Intercriteria analysis of the influence of the different sports activities on the physical and emotional status of university students (Доклад)</p>
25	20.10.2023 - 20.10.2023	Warsaw, Poland	International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets	<p>38. Simeon Ribagin, Ivanka Stavreva. Intercriteria analysis of the influence of the different sports activities on the physical and emotional status of university students (Доклад) - [20.10.2023] 39. Simeon Ribagin, Eulalia Szmidt, Janusz Kacprzyk. Generalized net model of rehabilitation algorithm for patients with osteoarthritis (Доклад) - [20.10.2023]</p>