

Listă de lucrări publicate
Conf. univ. dr. habil. Tudorică Bogdan George

Abilitare:

1. Teza cu titlul ”De la stocare la înțelegere: Evoluția analizei datelor și a bazelor de date în era inteligenței artificiale”, Academia de Studii Economice București, ordinul de ministru 4606 / 05.06.2024

Doctorat:

1. Doctorat în Informatică Economică, teza de doctorat cu titlul “Soluții de organizare a volumelor mari de date” (nivel 8 EQF), Academia de Studii Economice București. Titlu obținut cu distincția “Magna cum laudae”.

Cărți:

1. **Bogdan Tudorică** – *O călătorie prin lumea programării orientate pe obiecte*, București, Editura Printech, 2019, 168 pagini, ISBN 978-606-23-1033-2, <https://books.google.ro/books/about?id=yaDLDwAAQBAJ>
2. **Bogdan Tudorică** – *Călătorie prin lumea Big Data*, București, Editura Printech, 2016, 331 pagini, ISBN 978-606-23-0605-2, <https://books.google.ro/books/about?id=raDLDwAAQBAJ>
3. **Bogdan Tudorică**, Teodora Daniela Chicioreanu, Bogdan Sava - *Tehnologii informaționale în sprijinul afacerii tale*, București, Politehnica Press, 2012, 164 pagini, autor al paginilor 7-84 (77 pag.), ISBN 978-606-515-429-2, retipărită cu același titlu și conținut la Editura Printech, ISBN 978-606-23-0019-7
4. Albu Gabriel, Roxana Enache, Emil Stan și colectivul – *Psihopedagogie - Sinteze de curs pentru studenți, nivelul I* - Editura Universității Petrol-Gaze din Ploiesti, 2009, 333 pagini, autor al paginilor 309-333 (25 pag.), ISBN 978-973-719-303-2, (cod CNCSIS 87)

Volume coordonate:

1. Panait, M., Rădulescu, I. G., **Tudorică, B.**, Voica, M. C., & Nica, M. (2023). *Creativity and Innovation in Digital Economy*, CIDE 2023 Conference Proceedings. <https://upg-elearning.ro/cide23/about-the-conference/conference-proceedings/>
2. Tănăsescu Ana, **Tudorică Bogdan George**, Vîlcu Gabriel Eduard și colectivul; volum editat de **Tudorică Bogdan George**, *Îndrumar de pregătire pentru admiterea la programele de master din cadrul Facultății de Științe Economice*, Editura Universității Petrol-Gaze din Ploiești, 109 pagini, ISBN 978-973-719-784-9, <https://books.google.ro/books/about?id=JbHZDwAAQBAJ>

Articole:

1. Simona-Vasilica Oprea, Adela Bâra, Cristian Bucur, **Bogdan-George Tudorică**, and Niculae Oprea (2024). *Trading in the Quantum Era: Optimizing Bitcoin Gains and Energy Costs*. Journal of Applied Economics, ISSN 1514-0326, eISSN 1667-6726 (publicație cotate ISI, factor de impact / RIF 2023: 0.486, Q4, scor relativ de influență / AIS 2023: 0.364, Q4, multiplicator 10)

- <https://doi.org/10.1080/15140326.2024.2404795>
<https://www.webofscience.com/wos/woscc/full-record/WOS:001316049900001>
2. Bucur C, **Tudorica B**, Andrei JV, Dusmanescu D, Paraschiv D and Teodor C (2024). *Sentiment analysis of global news on environmental issues: insights into public perception and its impact on low-carbon economy transition*. *Frontiers in Environmental Science* 12:1360304, eISSN 2296-665X (publicație cotată ISI, factor de impact / RIF 2023: 0.708, Q2, scor relativ de influență / AIS 2023: 0.981, Q2, multiplicator 6)
<https://doi.org/10.3389/fenvs.2024.1360304>
<https://www.frontiersin.org/journals/environmental-science/articles/10.3389/fenvs.2024.1360304/full>
<https://www.webofscience.com/wos/woscc/full-record/WOS:001250813000001>
Articolul a fost cuprins ulterior în ebook-ul Zhen Liu, Jing Lan, Wang Pei, *Low-Carbon Economy and Sustainable Development: Driving Force, Synergistic Mechanism, and Implementation Path*. ISSN 1664-8714, ISBN 978-2-8325-5724-2, DOI 10.3389/978-2-8325-5724-2, <https://www.frontiersin.org/research-topics/54719/low-carbon-economy-and-sustainable-development-driving-force-synergistic-mechanism-and-implementation-path>
 3. **Bogdan-George Tudorică**, Cristian Bucur, Mirela Panait, Simona-Vasilica Oprea, Adela Bâra. (2024). *Energetic Equilibrium: Optimizing renewable and non-renewable energy sources via particle swarm optimization*, *Utilities Policy*, Volume 87, 2024, 101722, ISSN 0957-1787, (publicație cotată ISI, factor de impact / IF 2023: 0.784, Q2, scor relativ de influență / AIS 2023: 0.617, Q3, multiplicator 6)
<https://doi.org/10.1016/j.jup.2024.101722>
<https://www.sciencedirect.com/science/article/pii/S0957178724000158>
<https://www.webofscience.com/wos/woscc/full-record/WOS:001175993200001>
 4. Bâra, A., Oprea, S.-V., & **Tudorică, B. G.** (2023/2024). *From the East-European Regional Day-Ahead Markets to a Global Electricity Market*. *Computational Economics*. electronic ISSN: 1572-9974, print ISSN: 0927-7099, (publicație cotată ISI, factor de impact / IF 2022: 0.588, Q3, scor relativ de influență / AIS 2022: 0.359, Q4, Core Economics / multiplicator 10) <https://doi.org/10.1007/s10614-023-10416-0>,
<https://link.springer.com/article/10.1007/s10614-023-10416-0>
<https://www.webofscience.com/wos/woscc/full-record/WOS:001040215200002>
 5. Bâra A, Oprea S-V, Bucur C, **Tudorică B-G.** (2023). *Unraveling the Impact of Lockdowns on E-commerce: An Empirical Analysis of Google Analytics Data during 2019–2022*. *Journal of Theoretical and Applied Electronic Commerce Research*. 2023; 18(3):1484-1510., ISSN & eISSN 0718-1876, (publicație cotată ISI, factor de impact / IF 2023: 0.824, Q2, scor relativ de influență / AIS 2023: 0.641, Q3, Core Economics / multiplicator 10)
<https://doi.org/10.3390/jtaer18030075>
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 6. Bucur, C., **Tudorică, B. G.**, Oprea, S. V., Nancu, D., & Dușmănescu, D. M. (2021). *Insights*

into Energy Indicators Analytics Towards European Green Energy Transition using Statistics and Self-Organizing Maps. *IEEE Access*. volume 9. doi: 10.1109/ACCESS.2021.3075175. ISSN 2169-3536 (publicație cotată ISI, factor de impact / IF 2021: 1.136, Q2, scor relativ de influență / AIS 2021: 0.642, Q2, Infoeconomics / multiplicator 8)

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<https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole>,

https://uefiscdi.gov.ro/resource-868119-precisi2021_lista-2_rezultate-eligibilitate-art-2021_18.11.2021.pdf#page=48)

7. Simona Oprea, Mihai Alexandru Botezatu, **Bogdan George Tudorica**, Maria Irene Calinoiu, Adela Bara. (2021). *Insights into Demand Side Management with Big Data Analytics in Electricity Consumers' Behavior*, Computers & Electrical Engineering, Elsevier, DOI: 10.1016/j.compeleceng.2020.106902, ISSN 0045-7906, eISSN 1879-0755 (publicație cotată ISI, factor de impact / IF 2021: 2.663, Q2, scor relativ de influență / AIS 2021: 0.422, Q3, Infoeconomics / multiplicator 8)

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<https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole>,

https://uefiscdi.gov.ro/resource-868119-precisi2021_lista-2_rezultate-eligibilitate-art-2021_18.11.2021.pdf#page=98)

8. Simona-Vasilica Oprea, **Bogdan Tudorica**, Adela Bâra, Osman Bulent Tor (2020). An Intra-Residential Smart Metering System – Design and Implementation. In *Innovative Models to Revive the Global Economy*, Proceedings of the 3rd International Conference on Economics and Social Sciences, ISSN 2704-6524, p. 304-312. Sciendo (proceedings indexate ISI).

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9. Oprea, S. V., Bâra, A., & **Tudorică, B. G.**, Dobriță (Ene) G.. (2020). Sustainable Development with Smart Meter Data Analytics Using NoSQL and Self-Organizing Maps. *Sustainability*, 12(8), 3442, DOI: 10.3390/su12083442, ISSN 2071-1050 (publicație cotată ISI, factor de impact / IF 2020: 2.576, Q2, scor relativ de influență / AIS 2020: 0.332, Q2, multiplicator 6)

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10. Elvira Nica, **Bogdan George Tudorica**, Dorel-Mihail Dusmanescu, Gheorghe Popescu, Alina

Maria Breaz. (2019). *Databases Security Issues - A Short Analysis on The Emergent Security Problems Generated by NoSQL Databases*, Economic computation and economic cybernetics studies and research, Academy of Economic Studies, issue 53 (3/2019), p. 113-129, DOI: 10.24818/18423264/53.3.19.07, ISSN 0424–267X, eISSN 1842–3264 (publicație cotate ISI, factor de impact / IF 2018: 0.973, Q3, scor relativ de influență / AIS 2019: 0.099, Q3, Core Economics / multiplicator 10).

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11. Adela Bâra, **Bogdan Tudorică**, Razvan Cristian Marales - *Solutions for Big Data Processing and Analytics in Context of Smart Homes*. (2018), Database Systems Journal, Vol. IX, Issue 4/2018, ISSN: 2069-3230, (publicație indexată BDI) http://dbjournal.ro/archive/29/29_9.pdf
12. Simona Oprea, **B. Tudorică**, Anda Belciu, Iuliana Botha. (2017) - *Internet of Things, Challenges for Demand Side Management*, Informatică Economică, vol. 21, no.4/2017, (publicație indexată BDI) <http://revistaie.ase.ro/84.html>,
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13. Daniela Tudorică, Nicolae Paraschiv, Cornel Marinescu, **Bogdan Tudorică** - *A Robust Wireless Solution for Leak Detection and Localization in Oil Pipelines*. (2016), 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI 2016), IWSSS-7 (proceedings indexate ISI)
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14. Stan Costica Emil, **Bogdan Tudorică**. (2015). *Education and Aggression*, Education & Psychology Challenges - Teachers for the Knowledge Society International Conference 2015 (EPC-TKS 2015, 3rd Edition), publicat în Procedia - Social And Behavioral Sciences, Volume 203, 26 August 2015, pag. 374–379, DOI: 10.1016/j.sbspro.2015.08.311, ISSN: 1877-0428 (proceedings indexate ISI) <https://www.sciencedirect.com/journal/procedia-social-and-behavioral-sciences/vol/203>, https://ac.els-cdn.com/S1877042815049599/1-s2.0-S1877042815049599-main.pdf?tid=81fb8a4b-dbc7-41d4-91a7-9e12bcf3d0a9&acdnat=1524043061_6127964973e1c40449a46af0519d6fd7
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16. **Bogdan Tudorică**. (2013). *A new application for the management of the MongoDB servers*, The International Journal of Sustainable Economies Management (IJSEM), Volume 2: Issue 3 (2013), pag. 58-71, DOI: 10.4018/ijsem.2013070105, ISSN: 2160-9659, EISSN: 2160-9667 (publicație indexată BDI) <https://www.igi-global.com/article/a-new-application-for-the-management-of-the-mongodb-servers/94589>

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24. Dorel Dusmanescu, Ion Iarca, **Bogdan Tudorica**, Loredana Paunescu – *“A Datawarehouse Based Application For Optimizing Oilfield Exploitations”* - The Proceedings Of The International Conference “Sustainable Development In Conditions Of Economic Instability”, Academia Comerciala Satu Mare, 2009 (proceedings indexate BDI), republicat in METALURGIA INTERNATIONAL vol. XIV (2009), special issue no.13, ISSN 1582-2214 (publicație cotată ISI)

25. Dorel Dusmanescu, Ion Iarca, **Bogdan Tudorica** – “*The Influence Of A Crisis Period On The Evolution Of Energy Consumption In The European Union – A Statistical Analysis*” - The Proceedings Of The International Conference “Sustainable Development In Conditions Of Economic Instability”, Academia Comerciala Satu Mare, 2009 ([proceedings indexate BDI](#)), republicat in METALURGIA INTERNATIONAL vol. XIV (2009), special issue no.13, ISSN 1582-2214 ([publicație cotate ISI](#))
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28. Dorel Dușmănescu, **Bogdan Tudorică**, *Diagnoza rețelelor de calculatoare*, Buletinul Științific al Universității Petrol-Gaze din Ploiești, Seria Științe socio-umane, economice și juridice, Vol. LV, Nr. 2/2003, pg. 109-111, ISSN 1221-9371 ([publicație indexată BDI](#))
29. Dorel Dușmănescu, Iuliana Dobre, **Bogdan Tudorică**, *Aplicație pentru instruirea asistată de calculator în domeniul mecanic*, în Annales Universitatis Apulensis, seria Paedagogica-Psichologica nr. 2/2002, Alba Iulia, Universitatea „1 Decembrie 1918” Alba Iulia, pg. 105-111 ([publicație cotate B+](#))
30. Iuliana Dobre, Dorel Dușmănescu, **Bogdan Tudorică**, *O alternativă pentru evaluarea performanțelor studenților*, Annales Universitatis Apulensis, seria Paedagogica-Psichologica nr. 2/2002, Alba Iulia, Universitatea „1 Decembrie 1918” Alba Iulia, pg. 138-146 ([publicație cotate B+](#))
31. Monica Vladoiu, **Bogdan Tudorică**, *Multimedia Object Server as a Support for Courses, Seminars, Laboratories and Exams*, Computer Based Learning in Science (CBLIS'99) Proceedings, 1-4 Iulie 1999, University of Twente, Enschede, Olanda
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33. Liviu Dumitrascu, Monica Vladoiu, **Bogdan Tudorică**, *O abordare multimedia pentru învățarea interactivă*, în volumul celei de-a II-a Conferințe tehnico-științifice studențești a Universităților din România și Republica Moldova, Ploiești, 28-30 aprilie 1999
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