

<i>Denumirea lucrării</i>	<i>Tipul</i>	<i>Date bibliografice</i>	<i>Couatori</i>
Șerbacov Victor, dr. hab., conf.cerc.			
Cryptoschemes Based on Difficulty of Simultaneous Solving Two Different Difficult Problems	articol	Computer Science Journal of Moldova, v.21, n.2 (62) (2013) 280-290.	A.N. Berezin, N.A. Moldovyan
Short signatures from the difficulty of factoring problem	articol	Bul. Acad. Stiinte Repub. Mold. Mat., 2013, issue 2-3, 27-36.	N.A. Moldovyan, A.A. Moldovyan
General method for constructing cryptoschemes based on difficulty of simultaneous solving factoring and discrete logarithm problems	articol	Вопросы защиты информации. 2014, номер 2. 3-11.	A.N. Berezin, N.A. Moldovyan
Provably Sender-Deniable Encryption Scheme	articol	Computer Science Journal of Moldova v.23, n.1, (67), 2015, 62-71	N.A. Moldovyan, A.A. Moldovyan
About spectrum of T ₂ -quasigroups	publicație electronică	ArXiv:1509.00796, 2015, 7 p., http://arxiv.org/pdf/1509.00796v1.pdf	A.V. Șerbacov
Generating Cubic Equations as a Method for Public Encryption	articol	Buletinul Academiei de Științe al Republicii Moldova, Matematica, 2015, issue 3, 60-71.	N.A. Moldovyan, A.A. Moldovyan
Some applications of quasigroups in cryptology	articol	Computer Science Journal of Moldova v.24, n.1 (70), 2016, 55-67	N.A. Moldovyan, A.V. Șerbacov
Stream Deniable-Encryption Algorithms	articol	Computer Science Journal of Moldova, v.24, n.1 (70), 2016, 68-82	N.A. Moldovyan, A.A. Moldovyan
On Birkhoff's quasigroup axioms	articol	Journal of Algebra, v.457, 2016, 7-17.	J.D. Phillips, D.I. Pushkashu, A.V. Șerbacov.
On spectrum of medial T ₂ -quasigroups	articol	Buletinul Academiei de Științe al Republicii Moldova, Matematica,	

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Publicații relevante ale conducătorilor de doctorat (ultimii 5 ani)

		2016, issue 2, 143-154	
Elements of Quasigroup Theory and Applications	Monografie	Taylor&Francis Group, CRC Press, Boca Raton, London, New York, 576 pages. ISBN 9781498721554	
On definition of CI-quasigroup	publicație electronică	ArXiv:1708.00722, 2017, 3, https://arxiv.org/pdf/1708.00722.pdf	N.N. Didurik
Șubă Alexandru, dr. hab., prof.univ			
Ecuții diferențiale cu derivate parțiale de ordinul întâi liniare.	metodică	Chișinău: UST, 2012, 138 p.	Pancenco I.
Configurations of invariant straight lines of cubic differential systems with degenerate infinity.	articol	Scientific Bulletin of Chernivtsi University, Series Mathematics". 2(2012), no. 2-3, 177-182.	Repeșco V.
Cubic systems with seven invariant straight lines of configuration (3,3,1).	articol	Buletinul Academiei de Științe a Moldovei, Matematica, 2012, no.2(69), 81-98.	Repeșco V., Puțunică V.
Cubic systems with invariant affine straight lines of total parallel multiplicity seven.	publicație electronică	Electron. J. Diff. Equ., Vol. 2013 (2013), No. 274, 1-22. http://ejde.math.txstate.edu/	Repeșco V., Puțunică V.
Cubic differential systems with an invariant straight line of maximal multiplicity.	articol	Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. 42(2), 2015, 427-449. ISSN: 1223-6934	Vacaraș O.
Matematica în viața mea.	diseminare a științei	Acta et commentationes. UST, 2016, nr.2(2), 119-122. ISSN 2537-6284.	
Cubic systems with degenerate infinity and invariant straight lines of total parallel multiplicity five.	articol	Buletinul Academiei de Științe a Moldovei, Matematica, 2016, no.3(82), 38-56.	Repeșco V.
Quartic differential systems with an affine real invariant straight line of algebraic multiplicity two and three.	articol în culegere	Proceedings of the Fourth Conference of Mathematical Society of the Republic of Moldova, June 28- July 2, 2017, Chișinău, 331-334.	Vacaraș O.
Bogatencov Petru, dr. , conf. univ.			
Creation of parallel algorithms for the solution of problems of gas dynamics on multi-core computers and GPU.	articol în culegere	Application of mathematics in technical and natural sciences: 5th International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences - AMiTaNS 13. AIP Conf. Proc. Vol. 1561, 164 (2013); Editor: Michail D. Todorov. AIP Publishing, N-Y, 2013, pp. 164-171; ISBN: 978-0-7354-1189-0 (paper version), http://dx.doi.org/10.1063/1.4827225	B. Rybakin, G. Secrieru, N. Iliuha
DICOM Network for Medical Imagistic Investigations Storage, Access and Processing.	articol în culegere	“Networking in Education and Research”, Proceedings of the 11th RoEduNet IEEE International Conference, Sinaia, Romania, January 17-19, 2013, 38-42. ISSN-L 2068-1038	

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Publicații relevante ale conducătorilor de doctorat (ultimii 5 ani)

Using Adaptive Mesh Refinement Strategy for Numerical Solving of Gas Dynamics Problems on MulticoreComputers.	articol	High-Performance Computing Infrastructure for South East Europe's Research Communities. Results of the HP-SEE User Forum 2012. Editors: Mihnea Dulea, Aneta Karaivanova, Anastasis Oulas, Ioannis Liabotis, Danica Stojiljkovic, Ognjen Prnjat. In Modeling and Optimization in Scienceand Technologies, Volume 2 2014, Springer, 2013, pp. 123-130, ISBN: 978-3-319-01519-4 (Print) 978-3-319-01520-0 (Online)	B. Rybakin, G. Secieru, N. Iliuha
Network Architecture for theDevelopment of Scientific Computing Infrastructure in Moldova: Current state and prospects of the evolution.	articol în culegere	“Networking in Education and Research”, Proceedings of the 12th RoEduNet IEEE International Conference, Constanta, Romania, 26-28 September, 2013, 7-12. ISSN-L 2068-1038	G. Secieru, N. Iliuha
Numerical investigation of the impact of seismic waves on the elastic-plastic structures buried in the ground.	teze la conferințe științifice	Sixth International Conference on Application of Mathematics in Technicaland Natural Sciences. 26 June-01 July 2014, Euro-American Consortium for PromotingtheApplication of Mathematics in Technicaland Natural Sciences. Albena, Bulgaria, 2013, 8-9.	G. Secieru, E. Gutuleac
Implementation of Scientific Cloud Testing Infrastructure	articol în culegere	Proceedings of the Third Conference of Mathematical Society of the Republic of Moldova (IMCS-50). August, 19-23, 2014, IMI ASM, Chisinau, 2014, 463-469. ISBN 978-9975-68-244-2	N. Iliuha, N. Degteariov, P. Vaseanovici
Deployment of the scientific cloud computing infrastructure in moldova.	articol în culegere	Proceeding of the 5th International Conference “Telecommunications, Electronics and Informatics”, May 20 – 23, 2015, Chisinau, UTM, 2015, 27-29, ISBN 978-9975-45-377-6	Degteariov N., Iliuha N., Horos G.
Integrated Scientific Computing infrastructure in Moldova	articol în culegere	2015 Networking in Education and Research (NER'2015), Proceedings of the 14th RoEduNet International Conference, Craiova, Romania, 24-26 September, 2015, 99-102. ISSN 978-1-4673-8179-6	N. Iliuha, N. Degteariov, G.Horos
Unifying European Bio diversity Informatics (BioUnify)	publicație electronică	ResearchIdeasandOutcomes 2: e7787 (19 Jan 2016); DOI: 10.3897/rio.2.e7787	Dimitrios Koureas, Alex Hardisty, Rutger Aldo Vos, Donat Agosti, Christos
Updating DICOM Network	articol în	Networking in Education and	A. Golubev,

Architecture for itsIntegration at International Level	culegere	Research, 15th RoEduNet IEEE International Conference, Bucharest, Romania, 7-9 September 2016, 161-166. ISSN 2068-1038	G. Secieru
Scientific Computing Infrastructur eand Services in Moldova	articol	In Journal “Physics of Particlesand Nuclei Letters”, SpringerLink, 04 September 2016, DOI: 10.1134/S1547477116050125), http://link.springer.com/journal/11497/13/5/page/2	G. Secieru, N. Degteariov, N. Iliuha
New developments of Distributed Computing Technologies in Moldova	articol în culegere	CEUR Workshop Proceedings. Selected Papers of the 7th International Conference Distributed Computing and Grid-technologies in Science and Education. Dubna, Russia, July 4-9, 2016; Vol-1787, urn:nbn:de:0074-1787-5, 20-25. ISSN 1613-0073	G. Secieru, N.Iliuha, N.Degteariov, G.Horos
Regional E-Infrastructur eand Services for Research and Education in EAP Countries	articol în culegere	In: Eastern European Journal of Regional Studies, Vol. 3, issue 1, 2017, 89-101. ISSN: 2537-6179	G. Secieru
Optimal Methods of Storage, Transfer and Processing of DICOM Data in Medical Information Systems	articol	In: Distributed Computer and Communication Networks. DCCN 2017. Vishnevskiy V., Samouylov K., Kozyrev D. (eds); Communications in Computer and Information Science, vol 700. Springer (2017). DOI:10.1007/978-3-319-66836-9_23; ISBN 978-3-319-66836-9	Golubev A., Secieru G.
Secieru Grigore, dr., conf. univ.			
Creation of parallelalgorithms for thesolution of problems of gas dynamics on multi-corecomputersand GPU.	publicație electronică	Application of mathematics in technical and natural sciences: 5th International Conference for PromotingtheApplication of Mathematics in Technicaland Natural Sciences - AMiTaNS 13. AIP Conf. Proc. Vol. 1561, 164 (2013); Editor: Michail D. Todorov. AIP Publishing, N-Y, 2013, pp. 164-171; ISBN: 978-0-7354-1189-0 (paper version), http://dx.doi.org/10.1063/1.4827225	B. Rybakin, P. Bogatencov, N. Iliuha
DICOM Network for Medical Imagistic InvestigationsStorage, Access and Processing.	articol în culegere	“Networking in EducationandResearch”, Proceedings of the 11th RoEduNet IEEE International Conference, Sinaia, Romania, January 17-19, 2013, 38-42. ISSN-L 2068-1038	P. Bogatencov , N. Iliuha, A.Golubev
Using Adaptive Mesh Refinement Strategy for Numerical Solving of Gas Dynamics Problems on MulticoreComputers.	articol în culegere	High-Performance Computing Infrastructure for South East Europe's Research Communities. Results of the HP-SEE User Forum 2012.	B. Rybakin, P. Bogatenco, N. Iliuha

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Publicații relevante ale conducătorilor de doctorat (ultimii 5 ani)

		Editors: Mihnea Dulea, Aneta Karaivanova, Anastasis Oulas, Ioannis Liabotis, Danica Stojiljkovic, Ognjen Prnjat. In Modeling and Optimization in Science and Technologies, Volume 2 2014, Springer, 2013, 123-130, ISBN: 978-3-319-01519-4 (Print) 978-3-319-01520-0 (Online)	
Network Architecture for the Development of Scientific Computing Infrastructure in Moldova: Current state and prospects of the evolution.	articol în culegere	“Networking in Education and Research”, Proceedings of the 12th RoEduNet IEEE International Conference, Constanta, Romania, 26-28 September, 2013, 7-12. ISSN-L 2068-1038	P. Bogatencov, N. Iliuha
Numerical investigation of the impact of seismic waves on the elastic-plastic structures buried in the ground.	teze la conferințe științifice	Sixth International Conference on Application of Mathematics in Technical and Natural Sciences. 26 June-01 July 2014, Euro-American Consortium for Promoting the Application of Mathematics in Technical and Natural Sciences. Albena, Bulgaria, 2013, 8-9.	P. Bogatencov, E. Gutuleac
Updating DICOM Network Architecture for its Integration at International Level	articol în culegere	Networking in Education and Research, 15th RoEduNet IEEE International Conference, Bucharest, Romania, 7-9 September 2016, 161-166. ISSN 2068-1038	A. Golubev, P. Bogatencov
Scientific Computing Infrastructure and Services in Moldova	articol	In Journal “Physics of Particles and Nuclei Letters”, SpringerLink, 04 September 2016, DOI: 10.1134/S1547477116050125, http://link.springer.com/journal/11497/13/5/page/2	P. Bogatencov, N. Degteariov, N. Iliuha
New developments of Distributed Computing Technologies in Moldova	articol în culegere	CEUR Workshop Proceedings. Selected Papers of the 7th International Conference Distributed Computing and Grid-technologies in Science and Education. Dubna, Russia, July 4-9, 2016; Vol-1787, urn:nbn:de:0074-1787-5, 20-25. ISSN 1613-0073	P. Bogatencov, N. Iliuha, N. Degteariov, G. Horos
Regional E-Infrastructure and Services for Research and Education in EAP Countries	articol în culegere	In: Eastern European Journal of Regional Studies, Vol. 3, issue 1, 2017, pp. 89-101. ISSN: 2537-6179	P. Bogatencov
Optimal Methods of Storage, Transfer and Processing of DICOM Data in Medical Information Systems	articol	In: Distributed Computer and Communication Networks. DCCN 2017. Vishnevskiy V., Samouylov K., Kozyrev D. (eds); Communications in Computer and Information Science, vol 700. Springer (2017). DOI:10.1007/978-	Golubev A., P. Bogatencov

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Publicații relevante ale conducătorilor de doctorat (ultimii 5 ani)

		3-319-66836-9_23; ISBN 978-3-319-66836-9	
Naval Elvira, dr., conf. cerc.			
Elaborarea politicilor economice în baza modelelor matematice.	monografice	Chisinau 2017. UAȘM (Tipografia „Biotehdesign”), ISBN978-9975-108-18-8.241p	
ECONOMETRIE (Recomandări practice).	suport de curs	INCE, Chișinău. ISBN 978-9975-9799-7-9, 2014, 162 p.	
ЭКОНОМЕТРИКА (Практические рекомендации)	suport de curs	INCE, Chișinău. ISBN 978-9975-9799-8-6, 2014, 184 стр.	
Modelarea dezvoltării sectorului agro-industrial în condiții de incertitudine și risc.	articol	<i>Economie și Sociologie</i> . 2013, 3, 92-104. ISSN 1857-4130	N. Mocanu
Impactul sectoarelor C&D și TIC asupra evoluției economice.	articol	<i>AKADEMOS</i> . 2013, 4(27), 43-48. ISSN 1857-0461.	
Modeling under uncertainty of the moldavian agricultural sector development.	articol în culegere	Conferința științifică internațională Progrese în teoria deciziilor economice în condiții de risc și incertitudine academia română, filiala Iași, Institutul de Cercetări Economice și Sociale „Gh. Zane” Iași, 19 octombrie, 2013. ISBN 987-606-678-015-3, 112-119.	
Modelarea creșterii economice în condițiile corupției avansate.	articol	<i>AKADEMOS</i> . 2014,1 (32), 47-51. ISSN 1857-0461.	
Theoretical and methodological approaches on the evaluation of business incubators.	articol	<i>Journal of Financing and Monetary Economics. Annual Review. No. 1/2014</i> . 252-257. ISSN 2392-985, ISSN L 2392-9685.	
К вопросу об определении оптимального уровня заимствования	articol în culegere	<i>Materialele Conferinței Internaționale “Modelare matematică, optimizare și tehnologii informaționale”</i> , ediția a IV-a, Chișinău, ATIC, 25-28 martie 2014, vol. II, 351-358. ISBN: 978-9975-62-366-7.	
Modelul de calcul de echilibru general la evaluarea creșterii economice.	articol în culegere	Materialele Conferinței Internaționale “Economic Growth in Conditions of Globalization. October 15-16, 2015. Vol. I. 147-151. ISSN 333+316.422(082)=135.1=111 E 15.	
Input-Output model for Republic of Moldova.	articol în culegere	<i>Proceedings of the 4th Conference of Mathematical Society of the Republic of Moldova “CMSM4”</i> , Chisinau, Republic of Moldova, June 28 – July 2, 2017.	V.Ghereg
Elaborarea modelelor economice în baza balanțelor interramurale	articol	<i>AKADEMOS</i> . 2017, 2(45), 27-32. ISSN 1857-0461	
Burțeva Ludmila, dr., conf. cerc.			

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Publicații relevante ale conducătorilor de doctorat (ultimii 5 ani)

Unconventional computation answer on challenges of medical imaging	articol în culegere	In: Proceedings of the 2d International Conference on Nanotechnologies and Biomedical Engineering (ICNBME-2013). Chisinau, Moldova, April 18-20, 2013, 605-608.	
P System Computational Model as Framework for Hybrid (Membrane-Quantum) Computations	articol în culegere	In: M. Gheorghe, G. Rozenberg, A. Salomaa, P. Sosík, C. Zandron: <u>Membrane Computing</u> - 15th International Conference, CMC 2014, Prague, <u>Lecture Notes in Computer Science</u> 8961, 2014, 373-384.	Alhazov A., Cojocaru S., Colesnicov A., Malahov L.
Solving Problems in Various Domains by Hybrid Models of High Performance Computations	articol	Computer Science Journal of Moldova vol.23, no.2(68), 2015, 237-248.	Alhazov A., Cojocaru S., Colesnicov A., Malahov L.
Advantages of application of unconventional computing to image processing and whence these advances come	articol	Computer Science Journal of Moldova vol.24, no.1(70), 2016, 136-144.	
Digitizarea și Vizualizarea Alfabetului Chirilic Românesc De Tranziție 1830-1860 (eng. 1830–1860 Romanian Cyrillic Digitization And Presentation Digitization And Presentation Of The Transition Romanian Cyrillic Alphabet)	articol	AKADEMOS, 2017, 1(44), 24-28	V. Demidova
Popa Mihail, dr.hab., prof. univ.			
Applications of algebraic methods in solving the center-focus problem.	articol	Buletinul AȘM. Matematica, Nr. 1(71), 2013. 45-71.	V. Pricop
Procese invariante la sisteme diferențiale și aplicațiile lor în teoria calitativă (în rusă).	monografie	(http://arhiv.org/abs/1302.4343) Chișinău, Tipografia AȘM, 2014, 223 p.	N. Neagu
Canonical form of the ternary generalized differential Lzapunov-Darboux szstem with quadratic nonlinearities.	articol	ROMAI Journal,v.11, nr.2, 2015, 89-107.	
Algebre Lie și sisteme dinamice în plan	curs opțional	Ministerul Educației al Republicii Moldova, Universitatea de Stat din Tiraspol (Chișinău), 2016,237 p.	V. Repeșco
Invariant methods for studzng stabilitz of unperturbed motion in ternary differential systems with polynomial nonlinearities	articol	Bucovinian Mathematical Journal, v. 4, No.3-4, Chernivitsi: Chernivitsi Nat. Univ., 2016, 133-139.	N. Neagu, D.Coзма
Invarian conditions of stability of unperturbed motion governed by some differential systems in the plane		Buletinul AȘM. Matematica. Nr. 1(74), 2017. 1-19.	N. Neagu, V. Pricop
Vulpe Nicolae, dr. hab., prof. univ., m. cor.			

Cubic differential systems with invariant straight lines of total multiplicity eight possessing one infinite singularity.	articol științific	<i>Qualitative Theory of Dynamical Systems.</i> 16 (2017), no.1, 1-30, (ISIE)	Bujac C.
Family of quadratic differential systems with invariant hyperbolas: a complete classification in the space \mathbb{R}^{12}	articol științific	<i>Electron. J. Differential Equations.</i> 2016 (2016), No. 162, 1-50 (ISIE)	Oliveira R. D. S., Rezende A. C.
First Integrals and Phase Portraits of Planar Polynomial Differential Cubic Systems with the Maximum Number of Invariant Straight Lines	articol științific	<i>Qualitative Theory of Dynamical Systems.</i> 15 (2016), no.2, 327-348, (ISIE)	Bujac C., Llibre J.
Classification of cubic differential systems with invariant straight lines of total multiplicity eight and two distinct infinite singularities	articol științific	<i>Electron. J. Qual. Theory Differ. Equ.</i>, 2015, No. 74, 1–38 (ISIE)	Bujac C.
Bifurcation diagrams and quotient topological spaces under the action of the affine group of a family of planar quadratic vector fields	articol științific	<i>Internat. J. Bifur. Chaos.</i> 25 (2015), No. 11, 24 pp	Cerba–Diaconescu O., Schlomiuk D.
Global configurations of singularities for quadratic differential systems with exactly three finite singularities of total multiplicity four.	articol științific	<i>Electron. J. Qual. Theory Differ. Equ.</i>, 2015, No. 49, 1–60 (ISIE)	Ates, J.C., Llibre J., Schlomiuk D.
From topological to geometric equivalence in the classification of singularities at infinity for quadratic vector fields	articol științific	<i>Rocky Mountain J. Math.</i> , 2015, 45 (1), 29–113 (ISIE)	Ates, J.C., Llibre J., Schlomiuk D.
Cubic systems with invariant straight lines of total multiplicity eight and with three distinct infinite singularities	articol științific	<i>Qualitative Theory of Dynamical Systems.</i> 2015, 14 (1), 109-137 (ISIE)	Bujac C.
Global configurations of singularities for quadratic differential systems with exactly two finite singularities of total multiplicity four	articol științific	<i>Electron. J. Qual. Theory Differ. Equ.</i>, 2014, No. 60, 1–43 (ISIE)	Bujac C.
Cubic systems with invariant lines of total multiplicity eight and with four distinct infinite singularities	articol științific	<i>J. Math. Anal. Appl.</i> 423 (2015), 1025–1080 (ISI)	Bujac C.
Global configurations of singularities for quadratic differential systems with total finite multiplicity three and at most two real singularities	articol științific	<i>Qualitative Theory of Dynamical Systems.</i> 2014, 13 (2), 305-351 (ISIE)	Ates, J.C., Llibre J., Schlomiuk D.

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Geometric configurations of singularities for quadratic differential systems with three distinct real simple finite singularities	articol științific	<i>J. Fixed Point Theory Appl.</i> 14 (2014), No. 2, 555-618. (ISIE)	Ates, J.C., Llibre J., Schlomiuk D.
Geometric configurations of singularities for quadratic differential systems with total finite multiplicity $m_f=2$	articol științific	<i>Electron. J. Differential Equations.</i> 2014 (2014), No, 159, 1 – 79. (ISIE)	Ates, J.C., Llibre J., Schlomiuk D.
Gaindric Constantin, dr. hab., prof. univ., m.cor.			
Sistem analitic informațional pentru managementul activității de cercetare	articol științific	Akademios Nr.4 (27), 2012,31-35	A.Ciobanu, S.Cojocaru, G.Magariu, H.N.Teodorescu, T.Verlan
Concept of shared platform for clinicians and researchers in domain of ultrasound diagnostics	articol științific în culegeri	Proceedings 2 nd International conference on nanotechnologies and Biomedical Engineering ICNBME - 2013, Chisinau, Moldova, April,18-20, 2013, 67- 670.	S. Cojocaru, O. Popcova, I.Secieru
Modele matematice de expertiză în domenii științifice,	articol științific	Akademios Nr.2 (29), 2013, 15-19	V.Arnaut, F.Damian, G.Magariu, I.Rogojin, I.Secieru, T.Verlan, N.Vulpe
International Conference on Intelligent Information Systems:The Conference is dedicated to the 50th anniversary of the Institute of Mathematics and Computer Science, 20-23 aug. 2013, Chișinău, Moldova	editor	Proceedings IIS / ISBN 978-9975-4237-1-7, , 2013, 274 p.	S. Cojocaru
Concept of computer-aided tools for diagnostics and classification of early stages of non-alcoholic fatty liver disease,	articol științific în culegeri	Proceedings of the International Conference on Inteligent Information Systems IIS-2013, August 20-23, 2013, Chisinau, 94-99	.Secieru, O.Popcova, S.Țurcan
The evaluation of DSS SonaRes - the initial results	articol științific în culegeri	Proceedings of the 4 th IEEE International Conference on e-Health and Bioengineering, EHB 2013, "Improving Quality of Life through Research and Innovation", november 21-23, Iasi, ISBN 978-1-4799-2372-4, CD	S. Cojocaru, S.Puiu

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Emergency-SonaRes: A System for Ultrasound Diagnostics Support in Extreme Cases , Preliminary analysis of the reporting support implementation and testing for IAS IMCS	Capitol în monografie	Part I, Fundamentals and Modeling, Chapter 18, in H.-N.L. Teodorescu et al. (eds.), Improving Disaster Resilience and Mitigation - IT Means and Tools, NATO Science for Peace and Security Series C: Environmental Security, DOI 10.1007/978-94-017-9136-6__18, 2014, .283-292	S. Cojocaru, O. Popcova, S. Puiu, Iu. Secieru
Tradiții și contemporanietate în cercetare. Institutul de Matematică și Informatică la 50 de ani.	articol	Akados, nr. 2 (33), 2014, 22-26.	S.Cojocaru G.Magariu, T.Verlan
Preliminary analysis of the reporting support implementation and testing for IAS IMCS	articol științific în culegeri	Proceeding of the third Conference of Mathematical Society of the Republic of Moldova, august 19-23, 2014, Chisinau, .499-504	S. Cojocaru, Iu. Secieru, O. Popcova
Proceedings FOI- 2015, August 24-29, 2015,	culegere, editor	Proceedings FOI- 2015, August 24-29, 2015, Chișinău/Inst. of Mathematics and Computer Science, Acad. of Sciences of Moldova; editors:, ISBN 978-9975-4237-3-1, 2015, 453.	S. Cojocaru
Sistem analitic informațional pentru managementul activității de	articol științific în culegeri	Proceedings of the 3rd International Conference on Nanotechnologies and Biomedical Engineering ICNBME-2015, September 23–26, 2015, Chisinau, Moldova, ISSN 1433-9277, DOI 10.1007/978-981-287-736-9, Springer, IFMBE Proceedings Volume 55, 450-453	S.Cojocaru G.Magariu, T.Verlan
Concept of shared platform for clinicians and researchers in domain of ultrasound diagnostics	culegere, editor	Proceedings MFOI-2016, July 25-29, 2016, Chișinău/Inst. of Mathematics and Computer Science, editors: S. Cojocaru, C. Gaidric ISBN 978-9975-4237-4-8, 2016, 177-185	S. Cojocaru
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