

Fișa de îndeplinire a standadelor minimale CNATDCU pentru abilitare

Domeniul: Matematică

Conferențiar dr. Jenică Crînganu

1. Articole publicate în reviste cu Scor Relativ de Influență mai mare sau egal cu 0,5

Nr. crt.	Articol, referință bibliografică	Publicat în ultimii 7 ani	S_i	n_i	S_i/n_i
1.	Jenica Cringanu , <i>A New Sequence Which Converges Faster towards the Euler–Mascheroni Constant</i> , Journal of Mathematics, Volume 2023, Article ID 7408231, 5 pages https://doi.org/10.1155/2023/7408231 . https://www.webofscience.com/wos/woscc/full-record/WOS:001062327500001	DA	0,505 (in 2023)	1	0,505
2.	Jenica Cringanu , <i>New Improved Inequalities Associated with Ratios of Gamma Functions</i> , Journal of Mathematics, Volume 2021, Article ID 2008466, 4 pages, https://doi.org/10.1155/2021/2008466 . https://www.webofscience.com/wos/woscc/full-record/WOS:000703304600003	DA	0,505 (in 2023)	1	0,505
3.	Jenica Cringanu , <i>Improving some inequalities associated with the Euler–Mascheroni constant</i> , Journal of Mathematical Inequalities, Volume: 13 Issue: 3, Pages: 667-673, 2019. https://www.webofscience.com/wos/woscc/full-record/WOS:000488987400006	DA	0,731 (in 2023)	1	0,731
4.	Jenica Cringanu , <i>Inequalities associated with ratios of Gamma functions</i> , Bulletin of the Australian Mathematical Society, Vol 97, No 3 (2018), 453-457. https://www.webofscience.com/wos/woscc/full-record/WOS:000432401000014	DA	0,937 (in 2023)	1	0,937
5.	Crînganu Jenică , Pașca Daniel, Stoica Cristina, <i>A Note on the Relative Equilibria Bifurcations in the $(2N+1)$-Body Problem</i> , Journal of Dynamics and Differential Equations, (2016) 28:239–251. https://www.webofscience.com/wos/woscc/full-record/WOS:000369245900011	NU	2,221 (in 2023)	3	0,740
6.	Jenică Crînganu , <i>Better bounds in Chen's inequalities for the Euler constant</i> , Bull. Aust. Math. Soc. Vol 92, No 1 (2015) pp 94-97.	NU	0,937 (in 2023)	1	0,937

	https://www.webofscience.com/wos/woscc/full-record/WOS:000360702800011				
7.	Jenică Crînganu , Daniel Pasca, <i>A fixed point method for nonlinear equations involving a duality mapping defined on product spaces</i> , Electronic Journal of Differential Equations, No. 26 (2013), pp. 1-10. https://www.webofscience.com/wos/woscc/full-record/WOS:000320312900004	NU	0,646 (in 2023)	2	0,323
8.	Jenică Crînganu , Daniel Pasca, <i>Existence results for Dirichlet problems with (q, p)-Laplacian</i> , Journal of Mathematical Analysis and Applications, 387 (2012) 828–836. https://www.webofscience.com/wos/woscc/full-record/WOS:000297229900030	NU	1,472 (in 2023)	2	0,736
9.	Jenică Crînganu , George Dincă, <i>Multiple solutions for a class of nonlinear equations involving a duality mapping</i> , Differential and Integral Equations, Volume 21, Numbers 3-4, (2008) 265-284. https://www.webofscience.com/wos/woscc/full-record/WOS:000208720400004	NU	1,755 (in 2023)	2	0,877
10.	George Dincă, Jenică Crînganu , <i>Valeurs moyennes pour fonctions convexificatrices</i> , Comptes Rendus Mathematique Acad.Sci. Paris, t. 333 (2001), Série I, 161-163. https://www.webofscience.com/wos/woscc/full-record/WOS:000170664000002	NU	1,513 (in 2023)	2	0,756
Total			S = 7,047		
			S_{recent} = 2,678		

Jenică

2. Citări în reviste cu Scor Relativ de Influență mai mare sau egal cu 0,5

Nr. crt.	Articolul citat	Revista și articolul în care a fost citat	Si
1.	Jenica Cringanu , <i>Inequalities associated with ratios of Gamma functions</i> , Bulletin of the Australian Mathematical Society, Vol 97, No 3 (2018), 453-457	Feng Qi , <i>Complete Monotonicity for a New Ratio of Finitely Many Gamma Functions</i> , <i>Acta Mathematica Scientia</i> , volume 42, pages 511–520 (2022). https://link.springer.com/article/10.1007/s10473-022-0206-9 https://www.webofscience.com/wos/woscc/full-record/WOS:000750822600006	1,052 (in 2023)
2.	Jenica Cringanu , <i>Better bounds in Chen's inequalities for the Euler constant</i> , Bull. Aust. Math. Soc. Vol 92, No 1 (2015) pp 94-97.	Shanhe Wu, Gabriel Bercu , <i>A new sequence related to the Euler–Mascheroni constant</i> , Journal of inequalities and applications, volume 2018, Article nr. 151 (2028). https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-018-1746-3 https://www.webofscience.com/wos/woscc/full-record/WOS:000437366700002	0,812 (in 2023)
3.	Jenică Crînganu , Daniel Pasca, <i>A fixed point method for nonlinear equations involving a duality mapping defined on product spaces</i> , Electronic Journal of Differential Equations, No. 26 (2013), pp. 1-10.	Andreea Fulga and Erdal Karapınar , <i>Revisiting of some outstanding metric fixed point theorems via E-contraction</i> , Analele științifice ale Universității "Ovidius", Constanta, Seria Matematica, Volume 26 (2018): Issue 3 (Dec. 2018). https://www.webofscience.com/wos/woscc/full-record/WOS:000453259100006	0,521 (in 2023)
4.	Jenică Crînganu , Daniel Pasca, <i>Existence results for Dirichlet problems with (q,p)-Laplacian</i> , <i>Journal of Mathematical Analysis and Applications</i> , Volume 387, Issue 2, 15 March 2012, Pages 828-836.	Tong Zhang, Jiaojiao Jin, Shunwei Xu , <i>The Euler implicit/explicit scheme for the Boussinesq equations</i> , Boundary Value Problems 2016(1):181, pg. 2-25. https://d-nb.info/1163151424/34 https://www.webofscience.com/wos/woscc/full-record/WOS:000391503200001	0,646 (in 2023)
5.	Jenică Crînganu , Daniel Pasca, <i>Existence of periodic solutions for nonautonomous second order differential systems with $(p_1, p_2)(p_1, p_2)$-Laplacian using the duality mappings</i> . Ann. Univ. Bucharest (mathematical series) 2(LX), 139–155 (2011).	S.D. Sağlam, E.N. Mahmudov , <i>Duality problems with second-order polyhedral discrete and differential inclusions</i> , Bulletin of the Iranian Mathematical Society, Volume 48, pages 537-362, (2022). https://link.springer.com/article/10.1007/s41980-021-00531-9	0,600 (in 2023)
6.	Jenică Crînganu , Daniel Pasca, <i>Existence of periodic solutions for nonautonomous second order differential systems with (p_1, p_2)-Laplacian using the duality mappings</i> , Annals of the University of Bucharest	Daniel Pașca , <i>Homoclinic solutions for ordinary (q, p)-Laplacian systems with a coercive potential</i> , Mathematica Slovaca, Published Online: 2017-04-28 DOI: https://doi.org/10.1515/ms-2016-0285 . https://www.webofscience.com/wos/woscc/full-	0,664 (in 2023)

	(mathematical series) 2 (LX) (2011), 139-155.	record/WOS:000407178700021	
7.	Jenică Crînganu , <i>Existence results for operator equations involving duality mapping via the mountain pass theorem</i> , Math. Reports, 11, 61 (2009), 11-20.	Pavel Matei, <i>Existence and multiplicity of solutions to operator equations involving duality mappings on sobolev spaces with variable exponents</i> , Electronic Journal of Differential Equations, Vol. 2015 (2015), No. 73, pp. 1–19. https://ejde.math.txstate.edu/Volumes/2015/73/matei.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:000352637600005	0,646 (in 2023)
8.	Jenică Crînganu , George Dincă, <i>Multiple solutions for a class of nonlinear equations involving a duality mapping</i> , Differential and Integral Equations, Volume 21, Numbers 3-4, (2008) 265-284.	Patrick Winkert, <i>Constant-sign and sign-changing solutions for nonlinear elliptic equations with Neumann boundary values</i> , Adv. Differential Equations, Volume 15, Number 5/6 (2010), 561-599. https://www.webofscience.com/wos/woscc/full-record/WOS:000276265500006	2,196 (in 2023)
9.	Jenică Crînganu , <i>Multiple solutions of a multivalued Neumann problem</i> . Math. Rep. 8 (58)(2), 131–135 (2006).	Marin Marin, Andreas Öchsner, <i>An initial boundary value problem for modeling a piezoelectric dipolar body</i> , Continuum Mech. Thermodyn, 30, pages 267–278 (2018). https://link.springer.com/article/10.1007/s00161-017-0599-1 https://www.webofscience.com/wos/woscc/full-record/WOS:000425286100002	1,277 (in 2023)
10.	Jenică Crînganu , <i>The p-Laplacian on Sobolev spaces $W^{1,p}(\Omega)$</i> , Studia Univ. “Babeş-Bolyai”, Mathematica L, 1: 25–31, 2005.	I. Ly, <i>An iterative method for solving Cauchy problems for the p-Laplace operator</i> , Complex Variables and Elliptic Equations, Volume 55, 2010 - Issue 11, Pages 1079-1088. https://www.tandfonline.com/doi/full/10.1080/17476931003628257?scroll=top&needAccess=true https://www.webofscience.com/wos/woscc/full-record/WOS:000283872400006	0,750 (in 2023)
11.	Jenică Crînganu . The p-Laplacian on Sobolev spaces $W^{1,p}(\Omega)$. <i>Studia Univ. “Babeş-Bolyai”, Mathematica L</i> , 1: 25–31, 2005.	Dhruba Adhikari, Eric Stachura, <i>General p- curl systems and duality mappings for Maxwell equations</i> , Electronic Journal of Differential Equations Vol. 2020 (2020), No. 116, pp. 1–22. https://ejde.math.txstate.edu/Volumes/2020/116/adhikari.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:000596500900001	0,646 (in 2023)
12.	Jenica Cringanu , <i>Variational and topological methods for Neumann</i>	<u>Ariadne Nogueira</u> , <u>Jean Carlos Nakasato</u> , <i>The p-Laplacian equation in a rough thin domain with terms concentrating</i>	1,656 (in 2023)

	problems with p -Laplacian, Comm. Appl. Nonlinear Anal., 11(2004), 1–38.	on the boundary, <i>Annali di Matematica Pura ed Applicata</i> , 199, pages 1789–1813(2020). https://link.springer.com/article/10.1007/s10231-020-00943-0 https://www.webofscience.com/wos/woscc/full-record/WOS:000510088900002	
13.	Jenica Cringanu , <i>Variational and topological methods for Neumann problems with p-Laplacian</i> , Comm. Appl. Nonlinear Anal., 11(2004), 1–38.	Petru Jebelean, <i>Variational methods for ordinary p-Laplacian systems with potential boundary conditions</i> , Adv. Differential Equations 13(3-4): 273-322 (2008). DOI: 10.57262/ade/1355867351. https://projecteuclid.org/journals/advances-in-differential-equations/volume-13/issue-3-4/Variational-methods-for-ordinary-p-Laplacian-systems-with-potential-boundary/ade/1355867351.short https://www.researchgate.net/publication/258228674_Variational_methods_for_ordinary_p-Laplacian_systems_with_potential_boundary_conditions/references	2,196 (in 2023)
14.	N. Tigau, S. Condurache-Bota, R. Drasovean, J. Cringanu , R. Gavrilă, <i>Vacuum annealing effect on the structural and optical properties of antimony trioxide thin films</i> , Romanian Journal of Physics, 62, 604 (2017), pg. 1-9.	1. M. Humayan Kabir, M. Mintu Ali, M. Abdul Kaiyum and M.S. Rahman, <i>Effect of annealing temperature on structural morphological and optical properties of spray pyrolyzed Al-doped ZnO thin films</i> , <i>Journal of Physics Communications</i> , Volume 3, Number 10, 2019. https://www.webofscience.com/wos/woscc/full-record/WOS:000504327900001	0,834 (in 2023)
		2. Gaurav Chasta, Himanshu, S. L. Patel, S. Chander, M. D. Kannan & M. S. Dhaka, <i>Analysis of different vacuum annealing levels for ZnSe thin films as potential buffer layer for solar cells</i> , <i>Journal of Materials Science: Materials in Electronics</i> , Volume 33, pages 139–157, (2022). https://www.webofscience.com/wos/woscc/full-record/WOS:000716870900001	0,864 (in 2023)
		3. Florin Tudorache, Nicolae Tigau, Simona Condurache-Bota, <i>Humidity sensing characteristics of Sb_2O_3 thin films with transitional electrical behavior</i> , <i>Sensors and Actuators A: Physical</i> , Volume 285, 1 January 2019, Pages 134-141. https://www.sciencedirect.com/science/article/abs/pii/S0924424718311099	1,620 (in 2023)
		4. Y.P. Shinde, P.N. Sonone, A.U. Ubale, <i>Synthesis and characterization of hexagonal and tetrahedral</i>	

		nanocrystalline Sb_2O_3 thin films prepared by chemical spray pyrolysis technique, Journal of Alloys and Compounds, Volume 831, 5 August 2020, 154777. https://www.sciencedirect.com/science/article/abs/pii/S0925838820311403	2,771 (in 2023)
		5. Prashant Bhat, Parashurama Salunkhe, M.S. Murari, Dhananjaya Kekuda, <i>An investigation on the role of low temperature annealing on the structural, morphological, optical, and electrical properties of DC magnetron sputtered $Zn_{(1-x)}Sn_{(x)}O$ thin films</i> , Physica B: Condensed Matter, Volume 628, 1 March 2022, 413571. https://www.sciencedirect.com/science/article/abs/pii/S0921452621007249	0,854 (in 2023)
		6. Y. P. Shinde, P. N. Sonone, R.K. Kendale P. M. Koinkar and A.U. Ubale, <i>Engineering of physical properties of spray-deposited nanocrystalline Sb_2O_3 thin films by phase transformation</i> , Nanotechnology, Volume 32, Number 2, 2020. https://www.webofscience.com/wos/woscc/full-record/WOS:000577197400001	1,042 (in 2023)
		7. <u>Y.P. Shinde</u> , <u>P.N. Sonone</u> , <u>R. K. Kendale</u> , <u>P.M. Koinkar</u> & <u>A.U. Ubale</u> , <i>Growth of hexagonal shape nanostructured Sb_2O_3 thin films by spray pyrolysis and their structural, morphological, electrical and optical properties</i> , Journal of Materials Science: Materials in Electronics, Volume 31, pages 17432–17439, (2020). https://www.webofscience.com/wos/woscc/full-record/WOS:000569035500012	0,864 (in 2023)

Standarde minimale CNATDCU

S = 7,047 > 5 - criteriu indeplinit

S_{recent} = 2,678 > 2,5 - criteriu indeplinit

C = 20 > 12 - criteriu indeplinit

Data: 10.09.2024