

Instituția de învățământ superior. *Academia de Studii Economice*
 Facultatea. *Facultatea de Cibernetică, Statistică și Informatică Economică*
 Departamentul *Departamentul de Matematici Aplicate*
 Poz. postului. *Lector universitar 25*
 Disciplinele postului: *Algebră, Matematică (engleză), Matematici aplicate în economie, Matematici aplicate în finanțe (limba engleză), Probabilități și statistică matematică*
 Domeniul *Matematică*

**Fișa de verificare a îndeplinirii standardelor pentru ocuparea
 postului de LECTOR UNIVERSITAR,**
 publicat în Monitorul Oficial al României, partea a III-a, nr. 1251 din 24.11.2022

Candidat **Mitroi-Symeonidis Flavia-Corina** Data nașterii: *1 martie 1975*
 Funcția actuală: *Asistent Universitar* Data numirii în funcția actuală: *22.02.2021*
 Instituția: *Academia de Studii Economice, Facultatea de Cibernetică, Statistică și Informatică Economică*

1. Studiile universitare de licență

Nr. crt.	Instituția de învățământ superior și facultatea absolvită	Domeniul	Perioada	Titlul acordat
1.	Universitatea din Craiova Facultatea de matematica-Informatica	Matematica	1993-1997	Licențiat

2. Studiile universitare de masterat

Nr. crt.	Instituția de învățământ superior și programul de masterat absolvit	Domeniul	Perioada	Titlul acordat
1.	Universitatea din Craiova, Facultatea de Matematică-Informatică, „Sisteme dinamice și probleme de evoluție”	Matematica	2008-2010	Master

3. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
1.	Universitatea din Craiova, Facultatea de Matematică-Informatică, Scoala Doctorala	Matematica	2009-2012	Doctor Matematica

4. Studii și burse postdoctorale (stagii de cel puțin 6 luni)

Nr. crt.	Țara/ instituția	Domeniul / specializarea	Perioada	Tipul de bursă
1.	<i>Nu se aplica</i>			

5. Grade didactice/profesionale

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/postul didactic sau gradul profesional
1.	Universitatea Europei de Sud Est Lumina - Bucuresti	Matematica	2014-2016	Asistent universitar
2	Academia de Poliție București, Facultatea de Pompieri	Matematica	2018-2021	Asistent de cercetare
2	Academia de Studii Economice, Facultatea de Cibernetică, Statistică și Informatică Economică	Matematica	2021- prezent	Asistent universitar

6. Îndeplinirea obligatorie, în conformitate cu Anexa 1 la Metodologia de concurs, a cerințelor pentru obținerea calificativului FOARTE BINE.

S'=7.339>0.1

N_{art}=36>4 (numărul de articole publicate în reviste cotate ISI sau indexate în baze de date internaționale)

7. Realizări profesional-științifice

Nr. Crt.	Articol, referința bibliografică	Baza de date
1	Ri1. Flavia-Corina Mitroi-Symeonidis, Eleutherius Symeonidis, Redistributing algorithms and Shannon's Entropy, Aequat. Math., 96, 267-277 (2022). DOI: 10.1007/s00010-022-00867-5. ISSN: 0001-9054 Impact Factor 0.984 (iun 2022) https://link.springer.com/article/10.1007/s00010-022-00867-5	Web of Science WOS:000748444700001 Mathematical Reviews – MatSciNet MR4405549 Zentralblatt MATH Zbl 07508330 Scopus WorldCat
2	Ri2. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, The permutation entropy and the assessment of compartment fire development: growth and decay, (ROMFIN2019), MATH. REPORTS 23(73), 1-2 (2021), 203-210. ISSN: 1582-3067 Impact Factor 0.206 (iun 2022) http://imar.ro/journals/Mathematical_Reports/Pdfs/2021/1/17.pdf	Web of Science WOS:000664206300017 Mathematical Reviews – MatSciNet MR4275915 Zentralblatt MATH Zbl 07523861 Scopus
3	Ri3. Ion Anghel, Gabriela Lisa, Ioana-Emilia Șofran, Flavia-Corina Mitroi-Symeonidis, Mihai Marius Rusu, Monica Baia, Lucian Baia, Virginia Danciu, Liviu Cosmin Cotet, Malvina Stroe, Mihaela Baibarac, Pyrolysis and combustion of polystyrene composites based on graphene oxide functionalized with 3-(Methacryloyloxy)-propyltrimethoxysilane, Journal of Polymer Engineering, 41(7): 615–626 (2021), pp. 000010151520210071. DOI: 10.1515/polyeng-2021-0071. ISSN: 2191-0340. Impact Factor 1.367 (iun 2022) https://www.degruyter.com/document/doi/10.1515/polyeng-2021-0071/html	Web of Science WOS:000681143500009 Scopus WorldCat
4	Ri4. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, The PYR-algorithm for time series modeling of temperature values and its applications on full-scale compartment fire data, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 63, Issue IV, (2020), 403-410. ISSN: 1221- 5872 https://atna-mam.utcluj.ro/index.php/Acta/article/view/1422/1204	Web of Science WOS:000606612500009 WorldCat
5	Ri5. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Octavian Lalu, Constantin Popa, The permutation entropy and its applications on fire tests data, J. Appl. Comput. Mech., 6(SI) (2020) 1380-1393. DOI: 10.22055/jacm.2020.34707.2464. E-ISSN: 2383-4536 https://jacm.scu.ac.ir/article_15738.html	Web of Science WOS:000595004400030 Scopus ScienceOpen WorldCat
6	Ri6. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Nicușor Minculete, Parametric Jensen-Shannon statistical complexity and its applications on full-scale compartment fire data, Symmetry-Basel (Special Issue: Symmetry in Applied Mathematics), 12(1) (2020), 22. DOI:10.3390/sym12010022. ISSN 2073-8994 Impact Factor 2.94 (iun 2022) https://www.mdpi.com/2073-8994/12/1/22	Web of Science WOS:000516823700022 Scopus WorldCat
7	Ri7. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, Marek Niezgod, Estimates on the gap in Bullen's inequality, Math. Inequal. Appl., 22 (4) (2019), 1493-1503. DOI: 10.7153/mia-2019-22-104. ISSN: 1331-4343 Impact Factor 1.014 (iun 2022) http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality	Web of Science WOS:000495437100032 Mathematical Reviews – MatSciNet MR4027698 Zentralblatt MATH Zbl 1434.26058 Scopus WorldCat
8	Ri8. Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis, Raziieh Naseri, An extension of Jensen's operator inequality and its application to Young inequality, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Math. RACSAM, Serie A. Matemáticas, 113 (2) (2019), 605-614. DOI: 10.1007/s13398-018-0499-7. ISSN: 1578-7303 Impact Factor 2.276 (iun 2022) https://link.springer.com/article/10.1007/s13398-018-0499-7	Web of Science WOS:000467148800016 Mathematical Reviews – MatSciNet MR3942354 Zentralblatt MATH Zbl 07086835 ScienceOpen WorldCat
9	Ri9. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Shigeru Furuichi, Encodings for the calculation of the permutation hypentropy and their applications on full-scale compartment fire data, Acta Technica Napocensis, Vol. 62, IV (2019), 607-616.	Web of Science WOS:000501579000015 WorldCat

	ISSN: 1221- 5872 https://atna-mam.utcluj.ro/index.php/Acta/article/view/1248	
10	Ri10. Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, <i>On the Jensen functional and strong convexity</i> , Bull. Malays. Math. Sci. Soc., 41 (1) (2018), 311-319. DOI:10.1007/s40840-015-0293-z. ISSN: 0126-6705 Impact Factor 1.397 (iun 2022) https://link.springer.com/article/10.1007/s40840-015-0293-z	Web of Science WOS:000419716700018 Mathematical Reviews – MatSciNet MR3743840 Zentralblatt MATH Zbl 1387.26028 Scopus WorldCat
11	Ri11. Flavia-Corina Mitroi-Symeonidis , <i>On the Jensen functional and superterzaticity</i> , J. King Saud Univ. Sci., 30 (4) (2018), 549-551. DOI:10.1016/j.jksus.2017.05.010. ISSN: 1018-3647 Impact Factor 3.829 (iun 2022) https://www.sciencedirect.com/science/article/pii/S1018364717302902	Web of Science WOS:000446075600020 Scopus ScienceDirect ScienceOpen WorldCat
12	Ri12. Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, <i>On the Jensen functional and superquadracity</i> , Aequat. Math., 90(4) (2016), 705-718. DOI:10.1007/s00010-015-0389-4. ISSN: 0001-9054 Impact Factor 0.984 (iun 2022) http://link.springer.com/article/10.1007%2Fs00010-015-0389-4	Web of Science WOS:000380106700004 Mathematical Reviews – MatSciNet MR3523093 Zentralblatt MATH Zbl 1353.26011 Scopus
13	Ri13. Flavia-Corina Mitroi-Symeonidis , Daniel Alexandru Ion, <i>Kantorovich problems under Young type constraints</i> , Math. Inequal. Appl., 19 (1) (2016), 369-379. DOI:10.7153/mia-19-28 ISSN: 1331-4343 Impact Factor 1.014 (iun 2022) http://mia.ele-math.com/19-28/Kantorovich-problems-under-Young-type-constraints	Web of Science WOS:000374170000028 Mathematical Reviews – MatSciNet MR3453330 Zentralblatt MATH Zbl 1334.49144 Scopus ScienceOpen WorldCat
14	Ri14. Marcela Mihai, Flavia-Corina Mitroi-Symeonidis , <i>New extensions of Popoviciu's inequality</i> , Mediterr. J. Math., 13 (5) (2016), 3121-3133. DOI:10.1007/s00009-015-0675-3. ISSN:1660-5446 Impact Factor 1.305 (iun 2022) http://link.springer.com/article/10.1007%2Fs00009-015-0675-3	Web of Science WOS:000385146000050 Mathematical Reviews – MatSciNet MR3554298 Zentralblatt MATH Zbl 1353.26007 Scopus ScienceOpen WorldCat
15	Ri15. Flavia-Corina Mitroi-Symeonidis , <i>A sandwich theorem for convex set-valued functions</i> , An. Univ. Oradea fasc. mat., 23 (1) (2016), 77-79. ISSN: 1221-1265. http://arhiva-stiinta.uroadea.ro/en/auofm/auofm2016/MitroiSymeonidis.pdf	Mathematical Reviews – MatSciNet MR3496015 Zentralblatt MATH Zbl 1349.26027
16	Ri16. Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis , Eleutherius Symeonidis, <i>On some properties of Tsallis hypoentropies and hypodivergences</i> , Entropy, 16 (10) (2014), 5377-5399. DOI:10.3390/e16105377. ISSN: 1099-4300 Impact Factor 2.738 (iun 2022) http://www.mdpi.com/1099-4300/16/10/5377	Web of Science WOS:000344459500012 Mathematical Reviews – MatSciNet MR3274126 Scopus ScienceOpen WorldCat
17	Ri17. Marcela Mihai, Flavia-Corina Mitroi , <i>Hermite-Hadamard type inequalities obtained via Riemann-Liouville fractional calculus</i> , Acta Math. Univ. Comenianae, 83 (2) (2014), 209-215. ISSN: 0862-9544. https://www.emis.de/journals/AMUC/inpress/mitroi/mitroi.html	Mathematical Reviews – MatSciNet MR3267255 Zentralblatt MATH Zbl 1349.26061
18	Ri18. Flavia-Corina Mitroi , Daniel Alexandru Ion, <i>Structural results on convexity relative to cost functions</i> , Aequat. Math., 85 (1) (2013), 119-130. DOI: 10.1007/s00010-012-0129-y. ISSN: 0001-9054 Impact Factor 0.984 (iun 2022) http://link.springer.com/article/10.1007/s00010-012-0129-y	Web of Science WOS:000316016800007 Mathematical Reviews – MatSciNet MR3028205 Zentralblatt MATH Zbl 1271.26003 WorldCat
19	Ri19. Flavia-Corina Mitroi , Cătălin Irinel Spiridon, <i>Refinements of Hermite-Hadamard inequality on simplices</i> , Math. Rep., 15(65) 1 (2013), 69-78. ISSN: 1582-3067 Impact Factor 0.206 (iun 2022) http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/Mrc13_1.pdf	Web of Science WOS:000318145900007 Mathematical Reviews – MatSciNet MR3098977 Zentralblatt MATH Zbl 1289.26020
20	Ri20. Flavia-Corina Mitroi , Nicușor Minculete, <i>Mathematical inequalities for biparametric extended information measures</i> , J. Math. Inequal., 7 (1) (2013), 63-71. DOI: 10.7153/jmi-07-06. ISSN: 1846-579X Impact Factor 1.145 (iun 2022) http://jmi.ele-math.com/07-06/Mathematical-inequalities-for-biparametric-extended-information-measures	Web of Science WOS:000316983400006 Mathematical Reviews – MatSciNet MR3075621 Zentralblatt MATH Zbl 1264.26029 WorldCat
21	Ri21. Flavia-Corina Mitroi , Kazimierz Nikodem, Szymon Wąsowicz, <i>Hermite-Hadamard inequalities for convex set-valued functions</i> , Demonstratio Mathematica, 46 (4) (2013), 655-662.	Mathematical Reviews – MatSciNet MR3136183 Zentralblatt MATH Zbl 1292.26072

	ISSN: 0420-1213. https://www.degruyter.com/view/journals/dema/46/4/article-p655.xml	WorldCat
22	Ri22. Shigeru Furuichi, Flavia-Corina Mitroi , <i>Mathematical inequalities for some divergences</i> , Physica A: Statistical Mechanics and its Applications, 391 (2012), 388-400. DOI:10.1016/j.physa.2011.07.052. ISSN: 0378-4371 Impact Factor 3.778 (iun 2022) http://www.sciencedirect.com/science/article/pii/S0378437111006017	Web of Science WOS:000297230700042 Mathematical Reviews – MatSciNet MR2851038 WorldCat
23	Ri23. Flavia-Corina Mitroi , Eleutherius Symeonidis, <i>The converse of the Hermite-Hadamard inequality on simplices</i> , Expo. Math., 30 (2012), 389-396. DOI:10.1016/j.exmath.2012.08.011. ISSN: 0723-0869 Impact Factor 1.339 (iun 2022) http://www.sciencedirect.com/science/article/pii/S0723086912000527	Web of Science WOS:000314006800003 Mathematical Reviews – MatSciNet MR2997830 Zentralblatt MATH Zbl 1259.26014 ScienceDirect WorldCat
24	Ri24. Shigeru Furuichi, Nicușor Minculete, Flavia-Corina Mitroi , <i>Some inequalities on generalized entropies</i> , J. Inequal. Appl., 2012, Art.226. DOI: 10.1186/1029-242X-2012-226. ISSN: 1029-242X Impact Factor 2.021 (iun 2022) http://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2012-226	Web of Science WOS:000317841400003 Mathematical Reviews – MatSciNet MR3016021 Zentralblatt MATH Zbl 1279.26046 WorldCat
25	Ri25. Flavia-Corina Mitroi , Cătălin-Irinel Spiridon, <i>Hermite-Hadamard type inequalities of convex functions with respect to a pair of quasi-arithmetic means</i> , Math. Rep., 14(64) (2012), 291-295. ISSN: 1582-3067 Impact Factor 0.206 (iun 2022) http://imar.ro/journals/Mathematical_Reports/Pdfs/2012/3/Mrc12_3.pdf	Web of Science WOS:000312124400005 Mathematical Reviews – MatSciNet MR3087645 Zentralblatt MATH Zbl 1289.26051
26	Ri26. Nicușor Minculete, Flavia-Corina Mitroi , <i>Fejér type inequalities</i> , Austral. J. Math. Anal. Appl., 9 (1) (2012), Art.12, 1-8. ISSN: 1449-5910. https://ajmaa.org/cgi-bin/paper.pl?string=v9n1/V9I1P12.tex	Mathematical Reviews – MatSciNet MR2903777 Zentralblatt MATH Zbl 1236.26009
27	Ri27. Flavia-Corina Mitroi , <i>Estimating the normalized Jensen functional</i> , J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X Impact Factor 1.145 (iun 2022) http://jmi.ele-math.com/05-44/Estimating-the-normalized-Jensen-functional	Web of Science WOS:000299225200005 Mathematical Reviews – MatSciNet MR2908108 Zentralblatt MATH Zbl 1232.26013 WorldCat
28	Ri28. Flavia-Corina Mitroi , Constantin P. Niculescu, <i>An extension of Young's inequality</i> , Hindawi Publishing Corporation, Abstr. Appl. Anal. 2011, Art. ID 162049, 18 p. DOI:10.1155/2011/162049. ISSN: 1085-3375. Impact Factor: 1.274 (2013) https://www.hindawi.com/journals/aaa/2011/162049/	Web of Science WOS:000296802600001 Mathematical Reviews – MatSciNet MR2835259 Zentralblatt MATH Zbl 1225.26052 WorldCat
29	Ri29. Flavia-Corina Mitroi , <i>Young's Inequality Revisited</i> , Acta Univ. Apulensis Math. Inform., 26 (2011), 237-244. ISSN: 1582-5329. http://auajournal.uab.ro/index.php?pagina=pg&id=25&l=en	Mathematical Reviews – MatSciNet MR2850615 Zentralblatt MATH Zbl 1274.26065
30	Ri30. Flavia-Corina Mitroi , <i>On the Jensen-Steffensen inequality and superquadraticity</i> , An. Univ. Oradea fasc. mat., 18 (2011), 269-275. ISSN: 1221-1265. http://arhiva-stiinte.uoradea.ro/en/auofm/auofm_contents.htm	Mathematical Reviews – MatSciNet MR2865502 Zentralblatt MATH Zbl 1249.26020 WorldCat
31	Ri31. Flavia-Corina Mitroi , Cătălin Irinel Spiridon, <i>A Hermite-Hadamard type inequality for multiplicatively convex functions</i> , An. Univ. Craiova Ser. Mat. Inform., 38 (1) (2011), 96-99. ISSN: 1223-6934. http://inf.ucv.ro/~ami/index.php/ami/article/view/393	Mathematical Reviews – MatSciNet MR2786030 Zentralblatt MATH Zbl 1240.26024
32	Ri32. Flavia-Corina Mitroi , <i>About the precision in Jensen-Steffensen inequality</i> , An. Univ. Craiova Ser. Mat. Inform., 37 (4) (2010), 73-84. ISSN: 1223-6934. http://inf.ucv.ro/~ami/index.php/ami/article/view/367	Mathematical Reviews – MatSciNet MR2755114 Zentralblatt MATH Zbl 1224.26045
33	Ri33. Flavia -Corina Minuță (Mitroi) , <i>Point convexity</i> , An. Univ. Craiova Ser. Mat. Inform., 37 (2) (2010), 100-105. ISSN: 1223-6934. http://inf.ucv.ro/~ami/index.php/ami/article/view/328	Mathematical Reviews – MatSciNet MR2658404 Zentralblatt MATH Zbl 1224.52002
34	Ri34. Flavia-Corina Mitroi-Symeonidis , <i>Convexity and sandwich theorems</i> , European Journal of Research in Applied Sciences (EJRAS), 1 (2015), pp. 9-11. ISSN: 2457-4139	ScienceOpen GoogleScholar
35	Vi1. Adrian Beteringhe, Flavia-Corina Mitroi-Symeonidis , <i>Molecular Docking Technique for selection of some naproxen derivatives as inhibitors of</i>	IEEE Xplore Scopus

	<p><i>cyclooxygenase 2 (COX-2)</i>; ECAI 2015 - International Conference – 7th Edition Electronics, Computers and Artificial Intelligence (2015), pp BB-13 - BB-16. IEEE Catalog Number CFP1527U-PRT DOI: 10.1109/ECAI.2015.7301240. ISBN: 978-1-4673-6646-5 https://ieeexplore.ieee.org/document/7301240</p>	WorldCat
36	<p>Vi2. Flavia-Corina Mitroi, <i>Connection between the Jensen and the Chebychev functionals</i>. In: Bandle, C. et al.(eds.), <i>Inequalities and Applications 2010</i>, Internat. Ser. Numer. Math., 161 (2012), Birkhäuser, Basel, 217-227. DOI:10.1007/978-3-0348-0249-9_17. ISBN: 978-3-0348-0248-2 https://link.springer.com/chapter/10.1007/978-3-0348-0249-9_17</p>	Mathematical Reviews – MatSciNet MR3203789 Zentralblatt MATH Zbl 1253.26021 WorldCat
Total		N_{art}=36>4

Nr. Crt.	Articol, referința bibliografică	S_i	n_i	S_i/n_i
1	Ri1. Flavia-Corina Mitroi-Symeonidis , Eleutherius Symeonidis, Redistributing algorithms and Shannon's Entropy, <i>Aequat. Math.</i> , 96, 267-277 (2022). DOI: 10.1007/s00010-022-00867-5. ISSN: 0001-9054 https://link.springer.com/article/10.1007/s00010-022-00867-5	0.670 (iunie 2022)	2	0.335
2	Ri2. Flavia-Corina Mitroi-Symeonidis , Ion Anghel, The permutation entropy and the assessment of compartment fire development: growth and decay, (ROMFIN2019), <i>MATH. REPORTS</i> 23(73), 1-2 (2021), 203-210. ISSN: 1582-3067 http://imar.ro/journals/Mathematical_Reports/Pdfs/2021/1/17.pdf	0.328 (iunie 2021)	2	0.164
3	Ri3. Ion Anghel, Gabriela Lisa, Ioana-Emilia Șofran, Flavia-Corina Mitroi-Symeonidis, Mihai Marius Rusu, Monica Baia, Lucian Baia, Virginia Danciu, Liviu Cosmin Cotet, Malvina Stroe, Mihaela Baibarac , Pyrolysis and combustion of polystyrene composites based on graphene oxide functionalized with 3-(Methacryloyloxy)-propyltrimethoxysilane, <i>Journal of Polymer Engineering</i> , 41(7): 615–626 (2021), pp. 000010151520210071. DOI: 10.1515/polyeng-2021-0071. ISSN: 2191-0340, 0334-6447. https://www.degruyter.com/document/doi/10.1515/polyeng-2021-0071/html	0.609 (iunie 2021)	11	0.055
4	Flavia-Corina Mitroi-Symeonidis , Ion Anghel, Nicușor Minculete, <i>Parametric Jensen-Shannon statistical complexity and its applications on full-scale compartment fire data</i> , <i>Symmetry-Basel</i> (Special Issue: Symmetry in Applied Mathematics), 12(1) (2020), 22. DOI:10.3390/sym12010022. ISSN 2073-8994 https://www.mdpi.com/2073-8994/12/1/22	0.687 (iunie 2022)	3	0.229
5	Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, Marek Niezgodą, <i>Estimates on the gap in Bullen's inequality</i> , <i>Math. Inequal. Appl.</i> , 22 (4) (2019), 1493-1503. DOI: 10.7153/mia-2019-22-104. ISSN: 1331-4343 http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality	0.761 (iunie 2022)	3	0.253
6	Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis , Raziieh Naseri, <i>An extension of Jensen's operator inequality and its application to Young inequality</i> , <i>Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Math. RACSAM, Serie A. Matemáticas</i> , 113 (2) (2019), 605-614. DOI: 10.1007/s13398-018-0499-7. ISSN: 1578-7303 https://link.springer.com/article/10.1007/s13398-018-0499-7	0.935 (iunie 2022)	4	0.234
7	Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, <i>On the Jensen functional and strong convexity</i> , <i>Bull. Malays. Math. Sci. Soc.</i> , 41 (1) (2018), 311-319. DOI:10.1007/s40840-015-0293-z. ISSN: 0126-6705 https://link.springer.com/article/10.1007/s40840-015-0293-z	0.682 (iunie 2022)	2	0.341
8	Flavia-Corina Mitroi-Symeonidis , <i>On the Jensen functional and superterzaticity</i> , <i>J. King Saud Univ. Sci.</i> , 30 (4) (2018), 549-551. DOI:10.1016/j.jksus.2017.05.010. ISSN: 1018-3647 https://www.sciencedirect.com/science/article/pii/S1018364717302902	0.803 (iunie 2022)	1	0.803
9	Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, <i>On the Jensen functional and superquadracity</i> , <i>Aequat. Math.</i> , 90(4) (2016), 705-718. DOI:10.1007/s00010-015-0389-4. ISSN: 0001-9054 http://link.springer.com/article/10.1007%2Fs00010-015-0389-4	0.670 (iunie 2022)	2	0.335
10	Flavia-Corina Mitroi-Symeonidis , Daniel Alexandru Ion, <i>Kantorovich problems under Young type constraints</i> , <i>Math. Inequal. Appl.</i> , 19 (1) (2016), 369-379. DOI:10.7153/mia-19-28 ISSN: 1331-4343 http://mia.ele-math.com/19-28/Kantorovich-problems-under-Young-type-constraints	0.761 (iunie 2022)	2	0.380
11	Marcela Mihai, Flavia-Corina Mitroi-Symeonidis , <i>New extensions of Popoviciu's inequality</i> , <i>Mediterr. J. Math.</i> , 13 (5) (2016), 3121-3133. DOI:10.1007/s00009-015-0675-3. ISSN:1660-5446 http://link.springer.com/article/10.1007%2Fs00009-015-0675-3	0.843 (iunie 2022)	2	0.421
12	Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis , Eleutherius Symeonidis, <i>On some properties of Tsallis hypoentropies and hypodivergences</i> , <i>Entropy</i> , 16 (10) (2014), 5377-5399. DOI:10.3390/e16105377. ISSN: 1099-4300 http://www.mdpi.com/1099-4300/16/10/5377	1.541 (iunie 2018)	3	0.513
13	Flavia-Corina Mitroi , Daniel Alexandru Ion, <i>Structural results on convexity relative to cost functions</i> , <i>Aequat. Math.</i> , 85 (1) (2013), 119-130. DOI: 10.1007/s00010-012-0129-y. ISSN: 0001-9054 http://link.springer.com/article/10.1007/s00010-012-0129-y	0.670 (iunie 2022)	2	0.335
14	Flavia-Corina Mitroi , Cătălin Irinel Spiridon, <i>Refinements of Hermite-Hadamard inequality on simplices</i> , <i>Math. Rep.</i> , 15(65), 1 (2013), 69-78. ISSN: 1582-3067 http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/Mrc13_1.pdf	0.328 (iunie 2021)	2	0.164

15	Flavia-Corina Mitroi , Nicușor Minculete, <i>Mathematical inequalities for biparametric extended information measures</i> , J. Math. Inequal. 7 (1) (2013), 63-71. DOI: 10.7153/jmi-07-06; ISSN: 1846-579X http://jmi.ele-math.com/07-06/Mathematical-inequalities-for-biparametric-extended-information-measures	0.639 (iunie 2022)	2	0.319
16	Shigeru Furuichi, Flavia-Corina Mitroi , <i>Mathematical inequalities for some divergences</i> , Physica A: Statistical Mechanics and its Applications, 391 (2012), 388-400. DOI:10.1016/j.physa.2011.07.052. ISSN: 0378-4371 http://www.sciencedirect.com/science/article/pii/S0378437111006017	1.270 (iunie 2018)	2	0.635
17	Flavia-Corina Mitroi , Eleutherius Symeonidis, <i>The converse of the Hermite-Hadamard inequality on simplices</i> , Expo. Math., 30 (2012), 389-396. DOI:10.1016/j.exmath.2012.08.011; ISSN: 0723-0869 http://www.sciencedirect.com/science/article/pii/S0723086912000527	1.618 (iunie 2021)	2	0.809
18	Shigeru Furuichi, Nicușor Minculete, Flavia-Corina Mitroi , <i>Some inequalities on generalized entropies</i> , J. Inequal. Appl., (2012), Art.226. DOI: 10.1186/1029-242X-2012-226. ISSN: 1029-242X http://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2012-226	0.634 (iunie 2021)	3	0.211
19	Flavia-Corina Mitroi , Cătălin-Irinel Spiridon, <i>Hermite-Hadamard type inequalities of convex functions with respect to a pair of quasi-arithmetic means</i> , Math. Rep., 14(64) (2012), 291-295. ISSN: 1582-3067 http://imar.ro/journals/Mathematical_Reports/Pdfs/2012/3/Mrc12_3.pdf	0.328 (iunie 2021)	2	0.164
20	Flavia-Corina Mitroi , <i>Estimating the normalized Jensen functional</i> , J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X http://jmi.ele-math.com/05-44/Estimating-the-normalized-Jensen-functional	0.639 (iunie 2022)	1	0.639
Total				S'= 7.339 S'>0.1

Nr, Crt.	Articolul citat	Revista si articolul in care a fost citat	si>0,5 (iunie 2022)
1	<p>Ci1. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Nicușor Minculete, <i>Parametric Jensen-Shannon statistical complexity and its applications on full-scale compartment fire data</i>, Symmetry-Basel (Special Issue: Symmetry in Applied Mathematics), 12(1) (2020), 22.</p>	<p>Ci1.1 Banach, M., <i>Symmetrization in the calculation pipeline of Gauss function-based modeling of hydrophobicity in protein structures</i>. Symmetry 2022, 14, 1876. DOI:10.3390/sym14091876. ISSN: 2073-8994 https://www.mdpi.com/2073-8994/14/9/1876</p>	0.687
2	<p>Ci2. Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis, Razieh Naseri, <i>An extension of Jensen's operator inequality and its application to Young inequality</i>, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Math. RACSAM, Serie A. Matemáticas, 113 (2) (2019), 605-614. DOI: 10.1007/s13398-018-0499-7 ISSN: 1578-7303</p>	<p>Ci2.1 Alomari, M.W.; Bercu, G.; Chesneau, C., <i>On the Dragomir Extension of Furuta's Inequality and Numerical Radius Inequalities</i>. Symmetry (2022), 14, 1432. DOI:10.3390/sym14071432. ISSN: 2073-8994 https://www.mdpi.com/2073-8994/14/7/1432</p> <p>Ci2.2 Zhu, L., Sharp bounds for a generalized logarithmic operator mean and Heinz operator mean by weighted ones of classical operator ones. AIMS Mathematics (2022), 10, 1617. DOI: 10.3390/math10101617. ISSN: 2473-6988 https://www.mdpi.com/2227-7390/10/10/1617</p> <p>Ci2.3 Zhao, J. Some refinements of the improved Young and its reverse inequalities. Results Math 77, 8 (2022). DOI:/10.1007/s00025-021-01525-z. ISSN: 1422-6383 https://link.springer.com/article/10.1007/s00025-021-01525-z</p> <p>Ci2.4 M.A. Ighachane, M. Akkouchi, E.H. Benabdi, <i>Further refinements of Alzer-Fonseca-Kovačec's inequalities and applications</i>. RACSAM 115, 152 (2021). DOI:10.1007/s13398-021-01093-5. ISSN: 1578-7303 https://link.springer.com/article/10.1007/s13398-021-01093-5</p> <p>Ci2.5 Mohamed Amine Ighachane, Mohamed Akkouchi, <i>Further refinements of Young's type inequality for positive linear maps</i>, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Math. RACSAM, Serie A. Matemáticas, 115, 94 (2021). DOI: 10.1007/s13398-021-01032-4. ISSN: 1578-7303 https://link.springer.com/article/10.1007/s13398-021-01032-4</p> <p>Ci2.6 Elahe Jaafari, Mohammad Sadegh Asgari, Mohsen Shah Hosseini, Baharak Moosavi, <i>On the Jensen's inequality and its variants</i>. AIMS Mathematics, 5(2) (2020), 1177-1185. DOI: 10.3934/math.2020081. ISSN: 2473-6988 https://www.aimspress.com/article/10.3934/math.2020081/</p>	0.687 0.738 1.034 0.935 0.935 0.738
3	<p>Ci3. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, <i>On the Jensen functional and strong convexity</i>, Bull. Malays. Math. Sci. Soc., 41 (1) (2018), 311-319. DOI:10.1007/s40840-015-0293-z ISSN: 0126-6705</p>	<p>Ci3.1 Paweł A.Kluza, <i>On Jensen-Rényi and Jeffreys-Rényi type f-divergences induced by convex functions</i>, Physica A: Statistical Mechanics and its Applications, 548 (2020), 122527. DOI:10.1016/j.physa.2019.122527. ISSN: 0378-4371 https://www.sciencedirect.com/science/article/abs/pii/S0378437119314475</p> <p>Ci3.2 Paweł A. Kluza, Marek Niezgodą, <i>On Csiszár and Tsallis type f-divergences induced by superquadratic and convex functions</i>, Math. Inequal. Appl., 21 (2) (2018), 455-467. DOI:10.7153/mia-2018-21-31. ISSN: 1331-4343 http://mia.ele-math.com/21-31/On-Csiszar-and-Tsallis-type-f-divergences-induced-by-superquadratic-and-convex-functions</p> <p>Ci3.3 H.R. Moradi, M.E. Omidvar, M.A. Khan, K. Nikodem, <i>Around Jensen's inequality for strongly convex functions</i>, Aequat. Math., 92 (1) (2018), 25-37. DOI: 10.1007/s00010-017-0496-5. ISSN: 0001-9054 https://link.springer.com/article/10.1007/s00010-017-0496-5</p> <p>Ci3.4 Paweł Kluza, Marek Niezgodą, <i>Generalizations of Crooks and Lin's results on Jeffreys-Csiszár and Jensen-Csiszár f-divergences</i>, Physica A: Statistical Mechanics and its Applications, 463 (2016), 383-393.</p>	1.020 0.761 0.670 1.020

		<p>DOI:10.1016/j.physa.2016.07.062. ISSN: 0378-4371 http://www.sciencedirect.com/science/article/pii/S0378437116304939</p> <p>Ci3.5 Syed Zaheer Ullah, Muhammad Adil Khan, Zareen A. Khan, Yu-Ming Chu, Coordinate strongly s-convex functions and related results, Journal of Mathematical Inequalities 14 (3) (2020), 829-843. DOI: 10.7153/jmi-2020-14-53. ISSN: 1846-579X http://jmi.ele-math.com/14-53/Coordinate-strongly-s-convex-functions-and-related-results</p>	0.639
4	<p>Ci4. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, <i>On the Jensen functional and superquadracity</i>, Aequationes Math., vol. 90, 4 (2016), pp. 705–718. DOI:10.1007/s00010-015-0389-4 ISSN: 0001-9054</p>	<p>Ci4.1 Paweł A. Kluza, Marek Niezgoda, <i>On Csiszár and Tsallis type f-divergences induced by superquadratic and convex functions</i>, Mathematical Inequalities and Applications, 21 (2) (2018), 455-467. DOI:10.7153/mia-2018-21-31. ISSN: 1331-4343 http://mia.ele-math.com/21-31/On-Csiszar-and-Tsallis-type-f-divergences-induced-by-superquadratic-and-convex-functions</p> <p>Ci4.2 Paweł Kluza, Marek Niezgoda, <i>Generalizations of Crooks and Lin's results on Jeffreys-Csiszár and Jensen-Csiszár f-divergences</i>, Physica A: Statistical Mechanics and its Applications, 463 (2016), 383-393. DOI:10.1016/j.physa.2016.07.062. ISSN: 0378-4371 http://www.sciencedirect.com/science/article/pii/S0378437116304939</p>	0.761 1.020
5	<p>Ci5. Flavia-Corina Mitroi-Symeonidis, <i>A sandwich theorem for convex set-valued functions</i>, An. Univ. Oradea fasc. mat., 23 (1) (2016), 77-79. ISSN: 1221-1265.</p>	<p>Ci5.1 Shaikh, A. A., Agarwal, R. P., Mondal, C. K., <i>Geodesic sandwich theorem with an application</i>, Math. Inequal. Appl, 23 (1) (2020), 161-167. DOI: 10.7153/mia-2020-23-13. ISSN: 1331-4343 http://mia.ele-math.com/23-13/Geodesic-sandwich-theorem-with-an-application</p>	0.761
6	<p>Ci6. Marcela Mihai, Flavia-Corina Mitroi-Symeonidis, <i>New extensions of Popoviciu's inequality</i>, Mediterr. J. Math., 13(5) (2016), 3121-3133. DOI: 10.1007/s00009-015-0675-3. ISSN: 1660-5446</p>	<p>Ci6.1 Nasir Mehmood, Ravi P. Agarwal, Saad Ihsan Butt and Josip Pečarić, <i>New generalizations of Popoviciu-type inequalities via new Green's functions and Montgomery identity</i>, Journal of Inequalities and Applications, Art.108 (2017). DOI: 10.1186/s13660-017-1379-y. ISSN: 1029-242X https://journaloffinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-017-1379-y</p>	0.619
7	<p>Ci7. Flavia-Corina Mitroi-Symeonidis, <i>Convexity and sandwich theorems</i>, European Journal of Research in Applied Sciences (EJRAS), 1 (2015), pp. 9-11. ISSN: 2457-4139</p>	<p>Ci7.1 Bombardelli, M., Varošanec, S. $M\phi M\psi$-convexity and separation theorems. J Inequal Appl 2022, 65 (2022). DOI: 10.1186/s13660-022-02797-x. ISSN: 1029-242X https://link.springer.com/article/10.1186/s13660-022-02797-x</p> <p>Ci7.2 Arturo Tozzi, James F. Peters, Ottorino Ori, <i>Cracking the barcode of fullerene-like cortical microcolumns</i>, Neuroscience Letters, 644 (2017), 100-106. DOI: 10.1016/j.neulet.2017.02.064. ISSN: 0304-3940 https://www.sciencedirect.com/science/article/abs/pii/S0304394017301805</p> <p>Ci7.3 Arturo Tozzi, James F. Peters, <i>From abstract topology to real thermodynamic brain activity</i>, Cognitive Neurodynamics, 11 (3) (2017), 283-292. DOI: 10.1007/s11571-017-9431-7. ISSN: 1871-4080 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5430247/</p> <p>Ci7.4 Arturo Tozzi, James F. Peters, Andrew A. Fingelkurts, Alexander A. Fingelkurts, Pedro C. Marijuán, <i>Topodynamics of metastable brains</i>, Physics of Life Reviews, 1 (2017), 1-20. DOI: 10.1016/j.pprev.2017.03.001. ISSN: 1571-0645 https://www.sciencedirect.com/science/article/abs/pii/S1571064517300520</p> <p>Ci7.5 Arturo Tozzi, James F. Peters, <i>The common features of different brain activities</i>, Neuroscience Letters, 692 (2019), 41-46. DOI: 10.1016/j.neulet.2018.10.054. ISSN: 0304-3940 https://www.sciencedirect.com/science/article/abs/pii/S0304394018307365</p> <p>Ci7.6 Arturo Tozzi, James F. Peters, <i>A topological approach unveils system invariances and broken symmetries in the brain</i>, Journal of Neuroscience Research, 94 (5) (2016), 351-365. DOI: 10.1002/jnr.23720. ISSN: 0360-4012</p>	0.619 0.612 0.616 8.655 (iun 2020) 0.612 1.158

		<p>https://onlinelibrary.wiley.com/doi/abs/10.1002/jnr.23720</p> <p>Ci7.7 Arturo Tozzi, James F. Peters, Sheela Ramanna, <i>Brain tissue tessellation shows absence of canonical microcircuits</i>, Neuroscience Letters, 626 (2016), 99-105. DOI: 10.1016/j.neulet.2016.03.052. ISSN: 0304-3940 https://www.sciencedirect.com/science/article/abs/pii/S0304394016301999</p>	0.612
8	<p>Ci8. Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis, Eleutherius Symeonidis, <i>On some properties of Tsallis hypoentropies and hypodivergences</i>, Entropy, 16 (10) (2014), 5377-5399. DOI:10.3390/e16105377. ISSN: 1099-4300</p>	<p>Ci8.1 Koponen, I.; Södervik, I. <i>Lexicons of Key Terms in Scholarly Texts and Their Disciplinary Differences: From Quantum Semantics Construction to Relative-Entropy-Based Comparisons</i>. Entropy (2022), 24, 1058. DOI: 10.3390/e24081058. ISSN 1099-4300 https://www.mdpi.com/1099-4300/24/8/1058</p> <p>Ci8.2 Ismo T. Koponen, Elina Palmgren, Esko Keski-Vakkuri, <i>Characterising heavy-tailed networks using q-generalised entropy and q-adjacency kernels</i>, Physica A: Statistical Mechanics and its Applications, 566 (2021), 125666, DOI:10.1016/j.physa.2020.125666. ISSN 0378-4371 https://www.sciencedirect.com/science/article/abs/pii/S037843712030964X</p> <p>Ci8.3 Sámuel G. Balogh, Gergely Palla, Péter Pollner, Dániel Czégel, <i>Generalized entropies, density of states, and non-extensivity</i>. Scientific Reports, 10, 15516 (2020). DOI:10.1038/s41598-020-72422-8. ISSN: 2045-2322 https://www.nature.com/articles/s41598-020-72422-8</p> <p>Ci8.4 Gábor Bíró, Gergely Gábor Barnaföldi, Tamás Sándor Bíró, Ádám Takács, <i>Systematic analysis of the non-extensive statistical approach in high energy particle collisions-experiment vs. theory</i>, Entropy, 19 (3) (2017), Art. 88. DOI:10.3390/e19030088. ISSN: 1099-4300 https://www.mdpi.com/1099-4300/19/3/88</p> <p>Ci8.5 Vijay P. Singh, Bellie Sivakumar and Huijuan Cui, <i>Tsallis entropy theory for modeling in water engineering: a review</i>, Entropy, 19 (12) (2017), Art. 641. DOI:10.3390/e19120641. ISSN: 1099-4300 https://www.mdpi.com/1099-4300/19/12/641</p> <p>Ci8.6 Abdiel Ramírez-Reyes, Alejandro Raúl Hernández-Montoya, Gerardo Herrera-Corral, Ismael Domínguez-Jiménez, <i>Determining the entropic index q of Tsallis entropy in images through redundancy</i>, Entropy, 18 (8) (2016), Art. 299. DOI:10.3390/e18080299. ISSN: 1099-4300 https://www.mdpi.com/1099-4300/18/8/299</p>	0.960 1.020 2.467 (iun 2018) 0.960 0.960 0.960
9	<p>Ci9. Marcela Mihai, Flavia-Corina Mitroi, <i>Hermite-Hadamard type inequalities obtained via Riemann-Liouville fractional calculus</i>, Acta Math. Univ. Comenianae, 83 (2) (2014), 209-215. ISSN: 0862-9544.</p>	<p>Ci9.1 Ohud Almutairi, Adem Kılıçman. <i>Integral Inequalities for s-Convexity via Generalized Fractional Integrals on Fractal Sets</i>. MDPI Mathematics, 8 (1) (2020), Art. 53. DOI: 10.3390/math8010053. ISSN: 2227-7390 https://www.mdpi.com/2227-7390/8/1/53</p> <p>Ci9.2 Tingsong Du, Hao Wang, Muhammad Amer Latif, <i>Estimation type results associated to k-fractional integral inequalities with applications</i>, Journal of King Saud University – Science, Vol.31, 4 (2019), 1083-1088. DOI: 10.1016/j.jksus.2018.09.010 . ISSN:1018-3647 https://www.sciencedirect.com/science/article/pii/S1018364718312436</p> <p>Ci9.3 Chunyan Luo, Bo Yu, Yao Zhang, Tingsong Du, <i>Certain bounds related to multi-parameterized k-fractional integral inequalities and their applications</i>, IEEE Access, 7 (2019), 124662-124673. DOI: 10.1109/ACCESS.2019.2938341. ISSN: 2169-3536 https://ieeexplore.ieee.org/document/8819931</p>	0.634 0.803 2.341 (iun 2018)
10	<p>Ci10. Flavia-Corina Mitroi, Cătălin Irinel Spiridon, <i>Refinements of Hermite-Hadamard inequality on simplices</i>, Math. Rep., 15(65), 1 (2013), 69-78. ISSN: 1582-3067</p>	<p>Ci10.1 Mustapha Raïssouli, <i>Refining the Hermite-Hadamard inequalities for operator convex maps in multiple operator variables</i>. Aequat. Math. (2021). DOI: 10.1007/s00010-021-00858-y. ISSN: 1420-8903 https://link.springer.com/article/10.1007/s00010-021-00858-y</p> <p>Ci10.2 Allal Guessab, Boris Semisalov, <i>A multivariate version of Hammer's inequality and its consequences in numerical integration</i>, Results Math 73 (1) (2018), UNSP 33.</p>	0.670 1.034

		<p>DOI: 10.1007/s00025-018-0788-7. ISSN: 1422-6383 https://link.springer.com/article/10.1007/s00025-018-0788-7</p> <p>Ci10.3 M. Nowicka, A.Witkowski, <i>A refinement of the right-hand side of Hermite-Hadamard inequality for simplices</i>, Aequat. Math., 91 (1) (2017), 121-128. DOI:10.1007/s00010-016-0433-z. ISSN: 0001-9054 https://link.springer.com/article/10.1007/s00010-016-0433-z</p> <p>Ci10.4 Zlatko Pavić, <i>Improvements of the Hermite-Hadamard inequality for the simplex</i>, Journal of Inequalities and Applications, 2017, Art. 3. DOI: 10.1186/s13660-016-1273-z. ISSN: 1029-242X https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-016-1273-z</p> <p>Ci10.5M. Nowicka, A.Witkowski, <i>A refinement of the left-hand side of Hermite-Hadamard inequality for simplices</i>, Journal of Inequalities and Applications, (2015), Art.373. DOI:10.1186/s13660-015-0904-0. ISSN: 1029-242X https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-015-0904-0</p> <p>Ci10.6 I. Perić, <i>On boundary domination in the Jensen-Mercer inequality</i>, J. Math. Inequal., 9 (4) (2015), 983-1000. DOI:10.7153/jmi-09-80. ISSN: 1846-579X http://jmi.ele-math.com/09-80/On-boundary-domination-in-the-Jensen-Mercer-inequality</p> <p>Ci10.7 M. Raissouli, S. S. Dragomir, <i>Refining recursively the Hermite-Hadamard inequality on a simplex</i>, Bull. Aust. Math. Soc., 92 (1) (2015), 57-67. DOI: 10.1017/S0004972715000258. ISSN: 0004-9727 https://www.cambridge.org/core/journals/bulletin-of-the-australian-mathematical-society/article/refining-recursively-the-hermitehadamard-inequality-on-a-simplex/213D203ED2A6847FD12A686D3D6A4469</p>	<p>0.670</p> <p>0.619</p> <p>0.619</p> <p>0.639</p> <p>0.709</p>
11	<p>Ci11. Flavia-Corina Mitroi, Kazimierz Nikodem, Szymon Wařowicz, Hermite-Hadamard inequalities for convex set-valued functions, Demonstratio Mathematica, 46 (4) (2013), 655-662. ISSN: 0420-1213.</p>	<p>Ci11.1 Sahoo, S.K.; Latif, M.A.; Alsalmi, O.M.; Treanță, S.; Sudsutad, W.; Kongson, J. <i>Hermite-Hadamard, Fejér and Pachpatte-Type integral inequalities for center-radius order interval-valued preinvex functions</i>. Fractal Fract. 2022, 6, 506. https://www.mdpi.com/2504-3110/6/9/506 DOI:10.3390/fractalfract6090506. ISSN: 2504-3110</p> <p>Ci11.2 Khan, Muhammad Bilal, Hatim Ghazi Zaini, Savin Treanță, Mohamed S. Soliman, Kamsing Nonlaopon, <i>Riemann-Liouville fractional integral inequalities for generalized pre-invex functions of interval-valued settings based upon pseudo order relation</i>, MDPI Mathematics 10, no. 2(2022), 204. DOI:10.3390/math10020204. ISSN: 2227-7390 https://www.mdpi.com/2227-7390/10/2/204</p> <p>Ci11.3 Muhammad Bilal Khan, Muhammad Aslam Noor, Thabet Abdeljawad, Bahaeldin Abdalla, Ali Althobaiti. <i>Some fuzzy-interval integral inequalities for harmonically convex fuzzy-interval-valued functions</i>. AIMS Mathematics, (2022), 7(1): 349-370. DOI: 10.3934/math.2022024. ISSN 2473-6988 https://www.aimspress.com/article/doi/10.3934/math.2022024</p> <p>Ci11.4 Muhammad Bilal Khan, Pshtiwan Othman Mohammed, José António Tenreiro Machado, Juan L. G. Guirao. <i>Integral inequalities for generalized harmonically convex functions in fuzzy-interval-valued settings</i>. Symmetry, 13 (2021), 2352. DOI:10.3390/sym13122352. ISSN: 2073-8994 https://www.mdpi.com/2073-8994/13/12/2352</p> <p>Ci11.5 Zhao, D.; Zhao, G.; Ye, G.; Liu, W.; Dragomir, S.S., <i>On Hermite-Hadamard-Type Inequalities for Coordinated h-Convex Interval-Valued Functions</i>, MDPI Mathematics, 9(19) (2021), 2352. DOI: 10.3390/math9192352. ISSN: 2227-7390 https://www.mdpi.com/2227-7390/9/19/2352</p>	<p>0.734</p> <p>0.634</p> <p>0.738</p> <p>0.687</p> <p>0.634</p> <p>0.602</p>

		<p>Ci11.6 Khan, M.B.; Mohammed, P.O.; Noor, M.A.; Baleanu, D.; Guirao, J.L.G., <i>Some New Fractional Estimates of Inequalities for LR-p-Convex Interval-Valued Functions by Means of Pseudo Order Relation</i>, MDPI Axioms, 10 (175) (2021). DOI:10.3390/axioms10030175. ISSN: 2075-1680 https://www.mdpi.com/2075-1680/10/3/175</p> <p>Ci11.7 Dafang Zhao, Tianqing An, Guoju Ye, Wei Liu, <i>Some generalizations of Opial type inequalities for interval-valued functions</i>, Fuzzy Sets and Systems, 2021. DOI: 10.1016/j.fss.2021.03.017. ISSN: 0165-0114 https://www.sciencedirect.com/science/article/abs/pii/S016501142100110X</p> <p>Ci11.8 Khan, Muhammad Bilal; Mohammed, Pshtiwan Othman; Noor, Muhammad Aslam; Hamed, Y.S., <i>New Hermite-Hadamard inequalities in fuzzy-interval fractional calculus and related inequalities</i>, Symmetry 2021, Volume: 13 Issue: 4, Article Number: 673. DOI: 10.3390/sym13040673. ISSN: 2073-8994 https://www.mdpi.com/2073-8994/13/4/673</p> <p>Ci11.9 Manar A. Alqudah, Artion Kashuri, Pshtiwan Othman Mohammed, Muhammad Raees, Thabet Abdeljawad, Matloob Anwar, Y. S. Hamed, <i>On modified convex interval valued functions and related inclusions via the interval valued generalized fractional integrals in extended interval space</i>, AIMS Mathematics, 6(5) (2021), 4638-4663 DOI: 10.3934/math.2021273. ISSN: 2473-6988 https://www.aimspress.com/article/doi/10.3934/math.2021273</p> <p>Ci11.10 Hasan Kara, Hüseyin Budak, Muhammad Aamir Ali, Mehmet Zeki Sarikaya and Yu-Ming Chu, <i>Weighted Hermite-Hadamard type inclusions for products of co-ordinated convex interval-valued functions</i>. Adv Differ Equ, 104 (2021). DOI:10.1186/s13662-021-03261-8. ISSN: 1687-1847 https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-021-03261-8</p> <p>Ci11.11 Zhao, Dafang, Muhammad Aamir Ali, Ghulam Murtaza, Zhiyue Zhang, <i>On the Hermite-Hadamard inequalities for interval-valued coordinated convex functions</i>. Adv Differ Equ 2020, 570 (2020), 14p. DOI: 10.1186/s13662-020-03028-7. ISSN: 1687-1847 https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-03028-7</p> <p>Ci11.12 Kara, Hasan; Ali, Muhammad Aamir; Budak, Huseyin, <i>Hermite-Hadamard-type inequalities for interval-valued coordinated convex functions involving generalized fractional integrals</i>, Mathematical Methods In The Applied Sciences, (2020), 20p. DOI: 10.1002/mma.6712. ISSN: 0170-4214 https://onlinelibrary.wiley.com/doi/full/10.1002/mma.6712</p> <p>Ci11.13 Nwaeze, E.R., Khan, M.A., Chu, Y., <i>Fractional inclusions of the Hermite-Hadamard type for m-polynomial convex interval-valued functions</i>, Advances in Difference Equations, 507 (2020). DOI:10.1186/s13662-020-02977-3. ISSN: 1687-1847 https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-02977-3</p> <p>Ci11.14 Dafang Zhao, Tianqing An, Guoju Ye and Delfim F. M. Torres, <i>On Hermite-Hadamard type inequalities for harmonical h-convex interval-valued functions</i>, Mathematical Inequalities and Applications, 23 (1) (2020), 95-105. DOI: 10.7153/mia-2020-23-08. ISSN: 1331-4343 http://mia.ele-math.com/23-08/On-Hermite-Hadamard-type-inequalities-for-harmonical-h-convex-interval-valued-functions</p> <p>Ci11.15 Budak, Huseyin; Tunc, Tuba; Sarikaya, Mehmet Zeki, <i>Fractional Hermite-Hadamard-type inequalities for interval-valued functions</i>, Proceedings of the American Mathematical Society 148(2) (2020), 705-718. DOI: 10.1090/proc/14741. ISSN: 0002-9939 https://www.ams.org/journals/proc/2020-148-02/S0002-9939-2019-14741-9/</p>	<p>1.291</p> <p>0.687</p> <p>0.738</p> <p>0.724</p> <p>0.724</p> <p>0.805</p> <p>0.724</p> <p>0.761</p> <p>1.322 (iun 2018)</p> <p>0.619</p>
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		<p>Ci12.9 Paweł Kluza, Marek Niezgodą, <i>Generalizations of Crooks and Lin's results on Jeffreys-Csiszár and Jensen-Csiszár f-divergences</i>, Physica A: Statistical Mechanics and its Applications, 463 (2016), 383-393. DOI:10.1016/j.physa.2016.07.062. ISSN: 0378-4371 https://www.sciencedirect.com/science/article/abs/pii/S0378437116304939</p> <p>Ci12.10 R.C. Sfetcu, Tsallis and Rényi divergences of generalized Jacobi polynomials, Physica A: Statistical Mechanics and its Applications, 460 (2016), 131-138. DOI:10.1016/j.physa.2016.04.017. ISSN: 0378-4371 https://www.sciencedirect.com/science/article/abs/pii/S037843711630139X</p> <p>Ci12.12 P.G. Popescu, V. Preda, E.I. Sluşanschi, <i>Bounds for Jeffreys-Tsallis and Jensen-Shannon-Tsallis divergences</i>, Physica A: Statistical Mechanics and its Applications, 413 (2014), 280-283. DOI:10.1016/j.physa.2014.06.073 ISSN: 0378-4371 https://www.sciencedirect.com/science/article/abs/pii/S0378437114005548</p>	1.020 1.020 1.020
13	<p>Ci13. Flavia-Corina Mitroi, Eleutherius Symeonidis, <i>The converse of the Hermite-Hadamard inequality on simplices</i>, Expo. Math. 30 (2012), 389-396. DOI:10.1016/j.exmath.2012.08.011 ISSN: 0723-0869</p>	<p>Ci13.1 Mustapha Raïssouli, <i>Refining the Hermite-Hadamard inequalities for operator convex maps in multiple operator variables</i>. Aequat. Math. (2021). DOI: 10.1007/s00010-021-00858-y. ISSN: 1420-8903 https://link.springer.com/article/10.1007/s00010-021-00858-y</p> <p>Ci13.2 Mustapha Raïssouli, Rabie Zine, <i>Refining and reversing the Hermite-Hadamard inequality for the Fenchel conjugate</i>, Ann. Funct. Anal., 10 (3) (2019), 357-369. DOI: 10.1215/20088752-2018-0035. ISSN: 2008-8752 https://projecteuclid.org/euclid.afa/1565078421</p> <p>Ci13.3 Zlatko Pavić, <i>Improvements of the Hermite-Hadamard inequality for the simplex</i>. Journal of Inequalities and Applications, (2017), Art.3 DOI: 10.1186/s13660-016-1273-z. ISSN: 1029-242X https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-016-1273-z</p> <p>Ci13.4 M. Raïssouli, S. S. Dragomir, <i>Refining recursively the Hermite-Hadamard inequality on a simplex</i>, Bull. Aust. Math. Soc., 92 (1) (2015), 57-67. DOI: 10.1017/S0004972715000258. ISSN: 0004-9727 https://www.cambridge.org/core/journals/bulletin-of-the-australian-mathematical-society/article/refining-recursively-the-hermitehadamard-inequality-on-a-simplex/213D203ED2A6847FD12A686D3D6A4469</p>	0.670 0.639 0.619 0.709
14	<p>Ci14. Shigeru Furuichi, Nicuşor Minculete, Flavia-Corina Mitroi, <i>Some inequalities on generalized entropies</i>, J. Inequal. Appl., 2012, Art.226. DOI: 10.1186/1029-242X-2012-226 ISSN: 1029-242X</p>	<p>Ci14.1 Singhal, A., Sharma, D.K. <i>New generalized 'useful' entropies using weighted quasi-linear mean for efficient networking</i>. Mobile Netw Appl (2022). DOI:10.1007/s11036-021-01858-7. ISSN: 1383-469X https://link.springer.com/article/10.1007/s11036-021-01858-7</p> <p>Ci14.2 Xi, B. Y., Gao, D. D., Zhang, T., Guo, B. N., Qi, F., <i>Shannon type inequalities for Kapur's entropy</i>. MDPI Mathematics, 7 (1) (2019), Art. 22. DOI: 10.3390/math7010022. ISSN: 2227-7390 https://www.mdpi.com/2227-7390/7/1/22</p> <p>Ci14.3 Chang-Jian Zhao, <i>Reverse Lp-dual Minkowski's inequality</i>, Differential Geometry and its Applications, 40 (2015), 243-251. DOI: 10.1016/j.difgeo.2015.03.002, ISSN: 0926-2245 https://www.sciencedirect.com/science/article/pii/S0926224515000467</p> <p>Ci14.4 A. Besenyei and D. Petz, <i>Partial subadditivity of entropies</i>, Linear Algebra and its Applications, 439 (2013), 3297-3305. DOI: 10.1016/j.laa.2013.03.035. ISSN: 0024-3795 https://www.sciencedirect.com/science/article/pii/S0024379513002437</p>	0.799 0.634 0.707 1.072 (iun 2018)
15	<p>Ci15. Flavia-Corina Mitroi, Cătălin-Irinel Spiridon, <i>Hermite-Hadamard type inequalities of convex functions with respect to a</i></p>	<p>Ci15.1 C.P. Niculescu, <i>The Hermite-Hadamard inequality for log-convex functions</i>, Nonlinear Analysis: Theory, Methods & Applications, 75 (2012), 662-669. DOI:10.1016/j.na.2011.08.066. ISSN: 0362-546X https://www.sciencedirect.com/science/article/abs/pii/S0362546X11006286</p>	1.609

	<p><i>pair of quasi-arithmetic means</i>, Math. Rep., 14(64) (2012), 291-295. ISSN: 1582-3067</p>			
16	<p>Ci16. Nicușor Minculete, Flavia-Corina Mitroi, <i>Fejér type inequalities</i>, Austral. J. Math. Anal. Appl., 9 (1) (2012), Art.12, 1-8. ISSN: 1449-5910.</p>	<p>Ci16.1 Nuttapon Arunrat, Keaitsuda Maneeruk Nakprasit, Kamsing Nonlaopon, Jessada Tariboon, Sotiris K. Ntouyas, <i>On Fejér Type Inequalities via (p,q)-Calculus</i>, Symmetry, 13 (2021), 953. DOI: 10.3390/sym13060953. ISSN: 2073-8994 https://www.mdpi.com/2073-8994/13/6/953</p> <p>Ci16.2 Marek Niezgodą, <i>An extension of Levin–Stečkin’s theorem to uniformly convex and superquadratic functions</i>, Aequat. Math., 94 (2) (2020), 303-321. DOI:10.1007/s00010-019-00675-4. ISSN 1420-8903 https://link.springer.com/article/10.1007/s00010-019-00675-4 Impact factor 0.851</p> <p>Ci16.3 Marek Niezgodą, <i>An extension of Levin–Stečkin’s theorem to uniformly convex and superquadratic functions</i>, Aequat. Math., 94 (2) (2020), 303-321. DOI:10.1007/s00010-019-00675-4. ISSN 1420-8903 https://link.springer.com/article/10.1007/s00010-019-00675-4</p> <p>Ci16.4 Marek Niezgodą, <i>Fejér and Hermite-Hadamard type results for H-invex functions with applications</i>, Positivity, 23 (3) (2019), 531-543. DOI: 10.1007/s11117-018-0623-0. ISSN: 1385-1292 https://link.springer.com/article/10.1007/s11117-018-0623-0</p> <p>Ci16.5 Marek Niezgodą, <i>Inequalities for convex sequences and nondecreasing convex functions</i>, Aequat. Math., 91 (1) (2017), 1-20. DOI: 10.1007/s00010-016-0444-9. ISSN: 0001-9054 https://link.springer.com/article/10.1007/s00010-016-0444-9</p>	0.687	0.670
17	<p>Ci17. Flavia-Corina Mitroi, <i>Estimating the normalized Jensen functional</i>, J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X</p>	<p>Ci17.1 H.R. Moradi, M.E. Omidvar, M.A. Khan, K. Nikodem, <i>Around Jensen’s inequality for strongly convex functions</i>, Aequat. Math., 92 (1) (2018), 25-37. DOI: 10.1007/s00010-017-0496-5. ISSN: 0001-9054 https://link.springer.com/article/10.1007/s00010-017-0496-5</p>	0.670	0.670
18	<p>Ci18. Flavia-Corina Mitroi, <i>About the precision in Jensen-Steffensen inequality</i>, An. Univ. Craiova Ser. Mat. Inform., 37 (4) (2010), 73-84. ISSN: 1223-6934.</p>	<p>Ci18.1 I. H. Gümüş, H. R. Moradi and M. Sababbeh, <i>Further subadditive matrix inequalities</i>, Mathematical Inequalities and Applications, 23(3) (2020), 1127-1134. DOI: 10.7153/mia-2020-23-86. ISSN: 1331-4343 http://mia.ele-math.com/23-86/Further-subadditive-matrix-inequalities</p> <p>Ci18.2 Sababbeh Mohammed, Hamid Reza Moradi, and Zahra Heydarbeygi, <i>New inequalities for the generalized Karcher mean</i>, Linear Algebra and its Applications, 580 (2019), 184-199. DOI: 10.1016/j.laa.2019.06.023. ISSN: 0024-3795 https://www.sciencedirect.com/science/article/abs/pii/S0024379519302757</p> <p>Ci18.3 Sababbeh, M., Moradi, H.R., Furuichi, S., <i>Operator inequalities via geometric convexity</i>, Mathematical Inequalities and Applications, 22(4) (2019), 1215-1231. DOI: 10.7153/mia-2019-22-83. ISSN: 1331-4343 http://mia.ele-math.com/22-83/Operator-inequalities-via-geometric-convexity</p> <p>Ci18.4 Mohammad Sababbeh, <i>Improved Jensen’s Inequality</i>, Mathematical Inequalities and Applications, 20 (2) (2017), 389-403. DOI: 10.7153/mia-20-27. ISSN: 1848-9966 http://mia.ele-math.com/20-27/Improved-Jensen-s-inequality</p> <p>Ci18.5 M. Sababbeh, <i>Graph indices via the AM-GM inequality</i>, Discrete Applied Mathematics, 230 (2017), 100-111. DOI: 10.1016/j.dam.2017.05.012. ISSN: 0166-218X https://www.sciencedirect.com/science/article/abs/pii/S0166218X17302706</p> <p>Ci18.6 W. Liao, J. Wu and J. Zhao, <i>New versions of reverse Young and Heinz mean inequalities with the Kantorovich constant</i>, Taiwanese J. Math. Vol., 19 (2) (2015), 467-479.</p>	0.761	1,040
			0.761	0.761
			0.761	0.873
			0.633	

		DOI: 10.11650/tjm.19.2015.4548. ISSN: 1027-5487 https://projecteuclid.org/euclid.twj/1499133641	
19	Ci19. Flavia -Corina Minuță (Mitroi) , <i>Point convexity</i> , An. Univ. Craiova Ser. Mat. Inform., 37 (2) (2010), 100-105.	Ci19.1 Florea A., Păltănea E., <i>On a class of punctual convex functions</i> , Mathematical Inequalities and Applications, 17 (1) (2014), 389-399. DOI: 10.7153/mia-17-29. ISSN: 1331-4343 http://mia.ele-math.com/17-29/On-a-class-of-punctual-convex-functions	0.761
		C=91	

C=91

S'=7.339

N =2 numărul de granturi/proiecte câștigate prin competiție națională la care candidatul a participat în calitate de membru al echipei de cercetare

PNII, IDEI, Nr. 420/2008

Titlul proiectului: *Problems of convex analysis, numerical analysis and control in the study of complex physical systems*

Membru, în perioada 2009-2011

PN-III-P1-1.2-PCCDI2017-0350

Titlul proiectului: *Materiale compozite cu oxid de grafen pentru îmbunătățirea performanței la acțiunea focului a elementelor de construcții și instalații în scopul protejării vieții în caz de incendiu*

Membru, în perioada 2018-2021

Punctaj total P acordat pentru ierarhizare

$$P=S'+0,2C+N=7.339+0.2*91+0.5= 26.039$$