

Instituția de învățământ superior *Academia de Studii Economice*
Facultatea de Cibernetică, Statistică și Informatica Economică
 Departamentul de *Matematici Aplicate*
 Poziția postului 34

Disciplinele postului: *Matematici aplicate în finanțe, Matematica aplicată în economie (limba engleză),*
Matematici aplicate în economie, Matematica

Domeniul *Matematica*

**Fișa de verificare a îndeplinirii standardelor pentru ocuparea postului de
 ASISTENT UNIVERSITAR pe perioadă nedeterminată,**
 publicat în Monitorul Oficial al României, partea a III-a, nr. 782 din 24.11.2020

Candidat **Mitroi-Symeonidis Flavia-Corina** Data nașterii: *1 martie 1975*

Funcția actuală: *Asistent de Cercetare* Data numirii în funcția actuală: *Octombrie 2018*

Instituția: *Academia de Poliție Al.I.Cuza București, Facultatea de Pompieri*

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, Școala 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 - București	Matematica	2014-2016	Asistent universitar
2	Academia de Poliție București, Facultatea de Pompieri	Matematica	2018- prezent	Asistent de cercetare

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

S'=5,022>0

N_{art}=31>3 (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, Ion Anghel, Octavian Lălu, Constantin Popa, <i>The permutation entropy and its applications on fire tests data</i> , 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	Scopus ScienceOpen
2	Ri2. 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. DOI:10.3390/sym12010022. ISSN 2073-8994 Impact Factor 2.645 https://www.mdpi.com/2073-8994/12/1/22	Web of Science WOS:000516823700022
3	Ri3. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, Marek Niezgod, <i>Estimates on the gap in Bullen's inequality</i> , Math. Inequal. Appl., 22 (4) (2019), 1493-1503. DOI: 10.7153/mia-2019-22-104. ISSN: 1331-4343 Impact Factor 1.510 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
4	Ri4. Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis and Raziieh 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 Impact Factor 1.406 https://link.springer.com/article/10.1007/s13398-018-0499-7	Web of Science WOS:000467148800016 Mathematical Reviews – MatSciNet MR3942354 Zentralblatt MATH Zbl 07086835
5	Ri5. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Shigeru Furuichi, <i>Encodings for the calculation of the permutation hypoentropy and their applications on full-scale compartment fire data</i> , Acta Technica Napocensis, Vol. 62, IV (2019), 607-616. ISSN: 1221- 5872 https://atna-mam.utcluj.ro/index.php/Acta/article/view/1248	Web of Science WOS:000501579000015
6	Ri6. 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 0.856 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
7	Ri7. 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 3.819 https://www.sciencedirect.com/science/article/pii/S1018364717302902	Web of Science WOS:000446075600020
8	Ri8. 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 0.851 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
9	Ri9. 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 1.510 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
10	Ri10. 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 1.216 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
11	Ri11. 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-stiinte.uroadea.ro/en/auofm/auofm2016/MitroiSymeonidis.pdf	Mathematical Reviews – MatSciNet MR3496015 Zentralblatt MATH Zbl 1349.26027

12	<p>Ri12. 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 2.494 http://www.mdpi.com/1099-4300/16/10/5377</p>	<p>Web of Science WOS:000344459500012 Mathematical Reviews – MatSciNet MR3274126</p>
13	<p>Ri13. 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</p>	<p>Mathematical Reviews – MatSciNet MR3267255 Zentralblatt MATH Zbl 1349.26061</p>
14	<p>Ri14. 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 0.851 http://link.springer.com/article/10.1007/s00010-012-0129-y</p>	<p>Web of Science WOS:000316016800007 Mathematical Reviews – MatSciNet MR3028205 Zentralblatt MATH Zbl 1271.26003</p>
15	<p>Ri15. 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 0.441 http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/Mrc13_1.pdf</p>	<p>Web of Science WOS:000318145900007 Mathematical Reviews – MatSciNet MR3098977 Zentralblatt MATH Zbl 1289.26020</p>
16	<p>Ri16. 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 1.219 http://jmi.ele-math.com/07-06/Mathematical-inequalities-for-biparametric-extended-information-measures</p>	<p>Web of Science WOS:000316983400006 Mathematical Reviews – MatSciNet MR3075621 Zentralblatt MATH Zbl 1264.26029</p>
17	<p>Ri17. Flavia-Corina Mitroi, Kazimierz Nikodem, Szymon Waşowicz, <i>Hermite-Hadamard inequalities for convex set-valued functions</i>, Demonstratio Mathematica, 46 (4) (2013), 655-662. ISSN: 0420-1213. https://www.degruyter.com/view/journals/dema/46/4/article-p655.xml</p>	<p>Mathematical Reviews – MatSciNet MR3136183 Zentralblatt MATH Zbl 1292.26072</p>
18	<p>Ri18. 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 2.924 http://www.sciencedirect.com/science/article/pii/S0378437111006017</p>	<p>Web of Science WOS:000297230700042 Mathematical Reviews – MatSciNet MR2851038</p>
19	<p>Ri19. 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 0.880 http://www.sciencedirect.com/science/article/pii/S0723086912000527</p>	<p>Web of Science WOS:000314006800003 Mathematical Reviews – MatSciNet MR2997830 Zentralblatt MATH Zbl 1259.26014</p>
20	<p>Ri20. 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 1.470 http://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2012-226</p>	<p>Web of Science WOS:000317841400003 Mathematical Reviews – MatSciNet MR3016021 Zentralblatt MATH Zbl 1279.26046</p>
21	<p>Ri21. 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 0.441 http://imar.ro/journals/Mathematical_Reports/Pdfs/2012/3/Mrc12_3.pdf</p>	<p>Web of Science WOS:000312124400005 Mathematical Reviews – MatSciNet MR3087645 Zentralblatt MATH Zbl 1289.26051</p>
22	<p>Ri22. 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</p>	<p>Mathematical Reviews – MatSciNet MR2903777 Zentralblatt MATH Zbl 1236.26009</p>
23	<p>Ri23. Flavia-Corina Mitroi, <i>Estimating the normalized Jensen functional</i>, J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X Impact Factor 1.219 http://jmi.ele-math.com/05-44/Estimating-the-normalized-Jensen-functional</p>	<p>Web of Science WOS:000299225200005 Mathematical Reviews – MatSciNet MR2908108 Zentralblatt MATH Zbl 1232.26013</p>

24	<p>Ri24. 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 2013: 1.274 https://www.hindawi.com/journals/aaa/2011/162049/</p>	<p>Web of Science WOS:000296802600001 Mathematical Reviews – MatSciNet MR2835259 Zentralblatt MATH Zbl 1225.26052</p>
25	<p>Ri25. 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</p>	<p>Mathematical Reviews – MatSciNet MR2850615 Zentralblatt MATH Zbl 1274.26065</p>
26	<p>Ri26. 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</p>	<p>Mathematical Reviews – MatSciNet MR2865502 Zentralblatt MATH Zbl 1249.26020</p>
27	<p>Ri27. 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</p>	<p>Mathematical Reviews – MatSciNet MR2786030 Zentralblatt MATH Zbl 1240.26024</p>
28	<p>Ri28. 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</p>	<p>Mathematical Reviews – MatSciNet MR2755114 Zentralblatt MATH Zbl 1224.26045</p>
29	<p>Ri29. 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</p>	<p>Mathematical Reviews – MatSciNet MR2658404 Zentralblatt MATH Zbl 1224.52002</p>
30	<p>Vi1. Adrian Beteringhe, Flavia-Corina Mitroi-Symeonidis, <i>Molecular Docking Technique for selection of some naproxen derivatives as inhibitors of 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>	<p>IEEE Xplore Scopus</p>
31	<p>Vi3. 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>	<p>Mathematical Reviews – MatSciNet MR3203789 Zentralblatt MATH Zbl 1253.26021</p>
Total		<p>N_{art}=31>3</p>

Nr. Crt.	Articol, referința bibliografică	s_i	n_i	s_i/n_i
1	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. DOI:10.3390/sym12010022. ISSN 2073-8994 Impact Factor 2,645 https://www.mdpi.com/2073-8994/12/1/22	0,838	3	0,279
2	Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, Marek Niezgodą, <i>Estimates on the gap in Bullen's inequality</i> , Math. Inequal. Appl., 22 (4) (2019), 1493-1503. DOI: 10.7153/mia-2019-22-104. ISSN: 1331-4343 Impact Factor 1,510 http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality	0,577	3	0,192
3	Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis and 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 Impact Factor 1,406 https://link.springer.com/article/10.1007/s13398-018-0499-7	0,757	4	0,189
4	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 0,856 https://link.springer.com/article/10.1007/s40840-015-0293-z	0,473	2	0,236
5	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 0,851 http://link.springer.com/article/10.1007%2Fs00010-015-0389-4	0,735	2	0,367
6	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 1,510 http://mia.ele-math.com/19-28/Kantorovich-problems-under-Young-type-constraints	0,577	2	0,288
7	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 1,216 http://link.springer.com/article/10.1007%2Fs00009-015-0675-3	0,666	2	0,333
8	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 2,494 http://www.mdpi.com/1099-4300/16/10/5377	1,541	3	0,513
9	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 0,851 http://link.springer.com/article/10.1007/s00010-012-0129-y	0,735	2	0,367
10	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 0,441 http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/Mrc13_1.pdf	0,197	2	0,098
11	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 1,219 http://jmi.ele-math.com/07-06/Mathematical-inequalities-for-biparametric-extended-information-measures	0,482	2	0,241
12	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 2,924 http://www.sciencedirect.com/science/article/pii/S0378437111006017	1,288	2	0,644

13	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 0,880 http://www.sciencedirect.com/science/article/pii/S0723086912000527	1,395	2	0,697
14	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 1,470 http://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/1029-242X-2012-226	0,479	3	0,239
15	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 0,441 http://imar.ro/journals/Mathematical_Reports/Pdfs/2012/3/Mrc12_3.pdf	0,197	2	0,098
16	Flavia-Corina Mitroi , <i>Estimating the normalized Jensen functional</i> , J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X Impact Factor 1,219 http://jmi.ele-math.com/05-44/Estimating-the-normalized-Jensen-functional	0,482	1	0,241
Total				S'=5,022 S'>0

Nr. Crt.	Articol, referința bibliografică	Publicat în ultimii 7 ani	$s_i > 0,5$	n_i	s_i/n_i
1	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. DOI:10.3390/sym12010022. ISSN 2073-8994 Impact Factor 2,645 https://www.mdpi.com/2073-8994/12/1/22	X	0,838	3	0,279
2	Flavia-Corina Mitroi-Symeonidis , Nicușor Minculete, Marek Niezgodą, <i>Estimates on the gap in Bullen's inequality</i> , Math. Inequal. Appl., 22 (4) (2019), 1493-1503. DOI: 10.7153/mia-2019-22-104. ISSN: 1331-4343 Impact Factor 1,510 http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality	X	0,577	3	0,192
3	Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis and 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 Impact Factor 1,406 https://link.springer.com/article/10.1007/s13398-018-0499-7	X	0,757	4	0,189
4	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 0,851 http://link.springer.com/article/10.1007%2Fs00010-015-0389-4	X	0,735	2	0,367
5	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 1,510 http://mia.ele-math.com/19-28/Kantorovich-problems-under-Young-type-constraints	X	0,577	2	0,288
6	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 1,216 http://link.springer.com/article/10.1007%2Fs00009-015-0675-3	X	0,666	2	0,333
7	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 2,494 http://www.mdpi.com/1099-4300/16/10/5377	X	1,541	3	0,513
8	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 0,851 http://link.springer.com/article/10.1007/s00010-012-0129-y	X	0,735	2	0,367
9	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 2,924 http://www.sciencedirect.com/science/article/pii/S0378437111006017	nu	1,288	2	0,644
10	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 0,880 http://www.sciencedirect.com/science/article/pii/S0723086912000527	nu	1,395	2	0,697
	Total		S=4,11 S _{recent} =2,52		

Nr, Crt.	Articolul citat	Revista si articolul in care a fost citat	si>0,5
1	<p>Ci1. Hamid Reza Moradi, Shigeru Furuichi, Flavia-Corina Mitroi-Symeonidis and 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>Ci1.1 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>	0,59
2	<p>Ci2. 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>Ci2.1 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>Ci2.2 Paweł A. Kluza, Marek Niezgod, <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>Ci2.3 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>Ci2.4 Paweł Kluza, Marek Niezgod, <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>	1,288 0,577 0,735 1,288
3	<p>Ci3. 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>Ci3.1 Paweł A. Kluza, Marek Niezgod, <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>Ci3.2 Paweł Kluza, Marek Niezgod, <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>	0,577 1,288
4	<p>Ci4. 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>Ci4.1 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>	0,577
5	<p>Ci5. 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>Ci5.1 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>Ci5.2 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</p>	0,625 0,573

		<p>https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5430247/</p> <p>Ci5.3 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.plrev.2017.03.001. ISSN: 1571-0645 https://www.sciencedirect.com/science/article/abs/pii/S1571064517300520</p> <p>Ci5.4 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>Ci5.5 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 https://onlinelibrary.wiley.com/doi/abs/10.1002/jnr.23720</p> <p>Ci5.6 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>	<p>8,655</p> <p>0,625</p> <p>1,028</p> <p>0,625</p>
6	<p>Ci6. 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>Ci6.1 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>Ci6.2 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>Ci6.3 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>Ci6.4 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>	<p>3,435</p> <p>1,541</p> <p>1,541</p> <p>1,541</p>
7	<p>Ci7. 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>Ci7.1 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>	<p>2,764</p>
8	<p>Ci8. 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>Ci8.1 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. DOI: 10.1007/s00025-018-0788-7. ISSN: 1422-6383 https://link.springer.com/article/10.1007/s00025-018-0788-7</p> <p>Ci8.2 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>Ci8.3 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</p>	<p>0,689</p> <p>0,735</p> <p>0,691</p>

		https://www.cambridge.org/core/journals/bulletin-of-the-australian-mathematical-society/article/refining-recursively-the-hermitehadamard-inequality-on-a-simplex/213D203ED2A6847FD12A686D3D6A4469	
9	Ci9. Flavia-Corina Mitroi , Kazimierz Nikodem, Szymon Wąsowicz, <i>Hermite-Hadamard inequalities for convex set-valued functions</i> , Demonstratio Mathematica, 46 (4) (2013), 655-662. ISSN: 0420-1213.	<p>Ci9.1 Zhao, Dafang, Muhammad Aamir Ali, Ghulam Murtaza, Zhiyue Zhang, On the Hermite–Hadamard inequalities for interval-valued coordinated convex functions. 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>Ci9.2 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>Ci9.3 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>Ci9.4 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>Ci9.5 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>	0,503 0,812 0,503 0,577 1,322
10	Ci10. 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	<p>Ci10.1 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>Ci10.2 Jahanshahi, S. M. A., H. Zarei, and A. H. Khammar. <i>On Cumulative Residual Entropy</i>, Probability in the Engineering and Informational Sciences, 34 (4) (2020), 605 - 625. DOI:10.1017/S0269964819000196. ISSN: 0269-9648 https://www.cambridge.org/core/journals/probability-in-the-engineering-and-informational-sciences/article/on-cumulative-residual-entropy/B24ED7EAB5E9442EC7F9750F8A502BB2</p> <p>Ci10.3 M. Khouzani, Pasquale Malacaria, <i>Generalized entropies and metric-invariant optimal countermeasures for information leakage under symmetric constraints</i>, IEEE Transactions on Information Theory, 65 (2) (2019), 888-901. DOI: 10.1109/TIT.2018.2883705. ISSN: 0018-9448 https://ieeexplore.ieee.org/document/8550766</p> <p>Ci10.4 Marek Niezgod, <i>Equality cases of inequalities involving generalized Csiszar and Tsallis type f-divergences</i>, Mathematical Inequalities and Applications, 22 (1) (2019), 297-306. DOI: 10.7153/mia-2019-22-23. ISSN: 1331-4343 http://mia.ele-math.com/22-23/Equality-cases-of-inequalities-involving-generalized-Csiszar-and-Tsallis-type-f-divergences</p> <p>Ci10.5 Guoxin Qiu, Kai Jia, <i>The residual entropy of order statistics</i>, Statistics & Probability Letters, 133 (2018), 15-22. DOI: 10.1016/j.spl.2017.09.014. ISSN: 0167-7152 https://www.sciencedirect.com/science/article/abs/pii/S0167715217303085</p>	1,288 1,016 3,554 0,577 0,593

		<p>Ci10.6 Guoxin Qiu, Kai Jia, <i>Entropy estimators with applications in testing uniformity</i>, Journal of Nonparametric Statistics, 30 (1) (2018), 182-196. DOI: 10.1080/10485252.2017.1404063. ISSN: 1048-5252 https://www.tandfonline.com/doi/abs/10.1080/10485252.2017.1404063</p> <p>Ci10.7 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>Ci10.8 R.C. Sfetcu, <i>Tsallis and Rényi divergences of generalized Jacobi polynomials</i>, 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>Ci10.9 Frank Lad, Giuseppe Sanfilippo, and Gianna Agro, <i>Entropy: complementary dual of entropy</i>, Statistical Science, 30 (1) (2015), 40-58. DOI: 10.1214/14-STS430. ISSN: 0883-4237 https://projecteuclid.org/euclid.ss/1425492439</p> <p>Ci10.10 P.G. Popescu, V. Preda, E.I. Slușanschi, <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>	<p>0,872</p> <p>1,288</p> <p>1,288</p> <p>4,518</p> <p>1,288</p>
11	<p>Ci11. 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>Ci11.1 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>Ci11.2 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>	<p>0,559</p> <p>0,691</p>
12	<p>Ci12. 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</p>	<p>Ci12.1 Chang-Jian Zhao, <i>Reverse L_p-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>Ci12.2 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>	<p>1,051</p> <p>1,114</p>
13	<p>Ci13. 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</p>	<p>Ci13.1 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>	<p>1,752</p>

14	<p>Ci14. 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>Ci14.1 Marek Niezgoda, <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>Ci14.2 Marek Niezgoda, <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>Ci14.3 Marek Niezgoda, <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> <p>Ci14.4 Mehmet Kunt, İmdat İşcan, Nazlı Yazıcı and Uğur Gözütok, <i>On new inequalities of Hermite-Hadamard-Fejér type for harmonically convex functions via fractional integrals</i>, SpringerPlus, 5 (2016), Art.635. DOI: 10.1186/s40064-016-2215-4. ISSN: 2193-1801 https://springerplus.springeropen.com/articles/10.1186/s40064-016-2215-4</p>	<p>0,735</p> <p>0,787</p> <p>0,735</p> <p>0,574</p>
15	<p>Ci15. Flavia-Corina Mitroi, <i>Estimating the normalized Jensen functional</i>, J. Math. Inequal, 5 (4) (2011), 507-521. ISSN: 1846 -579X</p>	<p>Ci15.1 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>	<p>0,735</p>
16	<p>Ci16. 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.</p>	<p>Ci16.1 Y. Tsuzuki, <i>Pricing bounds on Quanto options</i>, Journal of Derivatives, 23 (2) (2015), 53-61. DOI: 10.3905/jod.2015.23.2.053. ISSN: 1074-1240 https://jod.pm-research.com/content/23/2/53</p>	<p>0,656</p>
17	<p>Ci17. Flavia-Corina Mitroi, About the precision in Jensen-Steffensen inequality, An. Univ. Craiova Ser. Mat. Inform., 37 (4) (2010), 73-84. ISSN: 1223-6934.</p>	<p>Ci17.1 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>Ci17.2 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>Ci17.3 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>Ci17.4 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>Ci17.5 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>Ci17.6 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. DOI: 10.11650/tjm.19.2015.4548. ISSN: 1027-5487 https://projecteuclid.org/euclid.twjm/1499133641</p>	<p>0,577</p> <p>1,114</p> <p>0,577</p> <p>0,577</p> <p>1,000</p> <p>0,668</p>
18	<p>Ci18. Flavia -Corina Minuță (Mitroi), <i>Point convexity</i>, An.</p>	<p>Ci18.1 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</p>	<p>0,577</p>

	Univ. Craiova Ser. Mat. Inform., 37 (2) (2010), 100-105.	http://mia.ele-math.com/17-29/On-a-class-of-punctual-convex-functions	
			C=55

C=55

S'=5,022

N =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, numerique analysis and control in the study of phisical complex 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-prezent

N=2

Punctaj total P acordat pentru ierarhizare

$$P=S'+0,2C+N=5,022+0,2*55+0,5= 16,522$$

În vederea dovedirii îndeplinirii standardelor minimale necesare și obligatorii pentru conferirea titlului didactic de asistent universitar, realizările profesional-științifice se vor structura conform Anexei 1 la *Metodologia de concurs*, aferentă domeniului științific al postului scos la concurs.

Data

Candidat,

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