

Concurs pentru ocuparea postului de Conferențiar Universitar poz.11,
Facultatea de Cibernetică, Statistică și Informatica Economică
Departamentul de Matematici Aplicate,
Disciplinele: *Algebră, Algebră (engleză), Matematici aplicate în economie (engleză), Testarea ipotezelor statistice,*
Domeniul Matematica,
post publicat în Monitorul Oficial al României nr. 93 din 10.04.2025

Data.....

LISTA DE LUCRĂRI

Candidat: MITROI-SYMEONIDIS I. Flavia-Corina - **Dr./** din ,
Lector universitar/din

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări din prezenta listă de lucrări:

- 1) Symeonidis, E., **Mitroi-Symeonidis, F.-C.**, *Shannon's entropy and its bounds for some a priori known equiprobable states*, Aequat. Math. 99 (2025), 237-242.
ISSN: 0001-9054
<https://doi.org/10.1007/s00010-024-01068-y>
SRI (2023) **0.874**
- 2) KRNIĆ, M., Minculete, N., **Mitroi-Symeonidis, F.-C.**, *On further refinements of the Jensen inequality and applications*, Mathematical Methods in the Applied Sciences, Volume 47, Issue 9 (2024), 7488-7501.
DOI: 10.1002/mma.9984. ISSN 0170-4214
<https://onlinelibrary.wiley.com/doi/10.1002/mma.9984>
SRI (2023) **0.923**
- 3) **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
<https://link.springer.com/article/10.1007/s00010-022-00867-5>
SRI (2023) **0.874**
- 4) **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
<https://www.mdpi.com/2073-8994/12/1/22>
SRI (2023) **0.748**, PN-III-P1-1.1-PRECISI-2020-44822 (zona galbena)
- 5) **Flavia-Corina Mitroi-Symeonidis**, Nicușor Minculete, Marek Niezgodą, *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
<http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality>
SRI (2023) **0.812**, PN-III-P1-1.1-PRECISI-2019-40117 (zona roșie)
- 6) Hamid Reza Moradi, Shigeru Furuichi, **Flavia-Corina Mitroi-Symeonidis** and Razieh 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
<https://link.springer.com/article/10.1007/s13398-018-0499-7>
SRI (2023) **1.299**, PN-III-P1-1.1-PRECISI-2019-36889 (zona galbena)
- 7) **Flavia-Corina Mitroi-Symeonidis**, Nicușor Minculete, *On the Jensen functional and strong convexity*, Bull. Malays. Math. Sci. Soc., 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>
SRI (2023) **1.024**, PN-III-P1-1.1-PRECISI-2018-23817 (zona galbena)
- 8) Marcela Mihai, **Flavia-Corina Mitroi-Symeonidis**, *New extensions of Popoviciu's inequality*, Mediterr. J. Math., 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>
SRI (2023) **1.128**

- 9) Shigeru Furuichi, **Flavia-Corina Mitroi-Symeonidis**, Eleutherius Symeonidis, *On some properties of Tsallis hypoeutropies and hypodivergences*, Entropy, 16 (10) (2014), 5377-5399.
DOI:10.3390/e16105377. ISSN: 1099-4300
<http://www.mdpi.com/1099-4300/16/10/5377>
SRI (2023) **1.280**, PN-II-RU-PRECISI-2015-9-8941
- 10) **Flavia-Corina Mitroi**, Eleutherius Symeonidis, *The converse of the Hermite-Hadamard inequality on simplices*, 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>
SRI (2023) **1.926**

2. Teza(-ele) de doctorat

T1. Convexity results obtained through the optimal mass transport theory, **Universitatea din Craiova, 2013**
Coordonator prof. univ. dr. Constantin P. Niculescu.

3. **Cărți/cursuri** publicate în edituri recunoscute(Ca1, Ca2 etc.), îndrumare publicate(I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, (D1, D2 etc.), după caz, prin care se aduc contribuții a dezvoltarea activităților didactice/profesionale.

Ca1. Mitroi-Symeonidis, F.-C., Symeonidis, E., *Linear Algebra for Economists*, Editura ASE București (2024).
ISBN 978-606-34-0533-4

4. **Cărți de specialitate** publicate în edituri recunoscute(Cb1, Cb2 etc.), **articole/studii** publicate in extenso în reviste de specialitate de circulație internațională recunoscute (reviste cotate ISI sau indexate în baze de date internaționale specifice domeniului)(Ri1, Ri2etc.), **articole/studii in extenso** publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN/ISBN)(Vi1,Vi2 etc.), precum și **alte lucrări similare**: articole/studii publicate in extenso în reviste de specialitate de circulație națională recunoscute CNCIS (Rn1, Rn2 etc.), articole/studii publicate in extenso în volumele unor manifestări științifice naționale (cu ISSN/ISBN)(Vn1,Vn2 etc.), lucrări prezentate la diferite seminarii/expoziții, inovații etc.(E1, E2 etc.), după caz, prin care se aduc contribuții la dezvoltarea domeniului.

Ri1. Symeonidis, E., **Mitroi-Symeonidis, F.-C.**, *Shannon's entropy and its bounds for some a priori known equiprobable states*, Aequat. Math. 99 (2025), 237–242. ISSN: 0001-9054
<https://doi.org/10.1007/s00010-024-01068-y>
SRI (2023) **0.874**

Ri2. KRNIĆ, M., Minculete, N., **Mitroi-Symeonidis, F.-C.**, *On further refinements of the Jensen inequality and applications*, Mathematical Methods in the Applied Sciences, Volume 47, Issue 9 (2024), 7488-7501.
DOI: 10.1002/mma.9984. ISSN 0170-4214
<https://onlinelibrary.wiley.com/doi/10.1002/mma.9984>
SRI (2023) **0.923**

Ri3. 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
<https://link.springer.com/article/10.1007/s00010-022-00867-5>
SRI (2023) **0.874**

Ri4. 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
http://imar.ro/journals/Mathematical_Reports/Pdfs/2021/1/17.pdf
SRI (2023) **0.279**

Ri5. 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.
<https://www.degruyter.com/document/doi/10.1515/polyeng-2021-0071/html>
SRI (2023) **0.596**

Ri6. 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>

Ri7. 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

SRI (2023) **0.857**

Ri8. 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

<https://www.mdpi.com/2073-8994/12/1/22>

SRI (2023) **0.748**

Ri9. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, Marek Niezgoda, *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

<http://mia.ele-math.com/22-104/Estimates-on-the-gap-in-Bullen-s-inequality>

SRI (2023) **0.812**

Ri10. Hamid Reza Moradi, Shigeru Furuichi, **Flavia-Corina Mitroi-Symeonidis**, Razieh 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

<https://link.springer.com/article/10.1007/s13398-018-0499-7>

SRI (2023) **1.299**

Ri11. Flavia-Corina Mitroi-Symeonidis, Ion Anghel, Shigeru Furuichi, *Encodings for the calculation of the permutation hypoentropy and their applications on full-scale compartment fire data*, Acta Technica Napocensis, Vol. 62, IV (2019), 607-616.

ISSN: 1221- 5872

<https://atna-mam.utcluj.ro/index.php/Acta/article/view/1248>

Ri12. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, *On the Jensen functional and strong convexity*, Bull. Malays. Math. Sci. Soc., 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>

SRI (2023) **1.024**

Ri13. Flavia-Corina Mitroi-Symeonidis, *On the Jensen functional and superterzaticity*, J. King Saud Univ. Sci., 30 (4) (2018), 549-551.

DOI:10.1016/j.jksus.2017.05.010. ISSN: 1018-3647

<https://www.sciencedirect.com/science/article/pii/S1018364717302902>

SRI (2022) **0.820**

Ri14. Flavia-Corina Mitroi-Symeonidis, Nicușor Minculete, *On the Jensen functional and superquadraticity*, Aequat. Math., 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>

SRI (2023) **0.874**

Ri15. Flavia-Corina Mitroi-Symeonidis, Daniel Alexandru Ion, *Kantorovich problems under Young type constraints*, Math. Inequal. Appl., 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>

SRI (2023) **0.812**

- Ri16. Marcela Mihai, **Flavia-Corina Mitroi-Symeonidis**, *New extensions of Popoviciu's inequality*, Mediterr. J. Math., 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>
SRI (2023) **1.128**
- Ri17. **Flavia-Corina Mitroi-Symeonidis**, *A sandwich theorem for convex set-valued functions*, An. Univ. Oradea fasc. mat., 23 (1) (2016), 77-79.
ISSN: 1221-1265.
<http://arhiva-stiinte.uoradea.ro/en/auofm/auofm2016/MitroiSymeonidis.pdf>
- Ri18. Shigeru Furuichi, **Flavia-Corina Mitroi-Symeonidis**, Eleutherius Symeonidis, *On some properties of Tsallis hypointropies and hypodivergences*, Entropy, 16 (10) (2014), 5377-5399.
DOI:10.3390/e16105377. ISSN: 1099-4300
<http://www.mdpi.com/1099-4300/16/10/5377>
SRI (2023) **1.280**
- Ri19. Marcela Mihai, **Flavia-Corina Mitroi**, *Hermite-Hadamard type inequalities obtained via Riemann-Liouville fractional calculus*, Acta Math. Univ. Comenianae, 83 (2) (2014), 209-215.
ISSN: 0862-9544.
<https://www.emis.de/journals/AMUC/ inpress/ mitroi/mitroi.html>
SRI (2023) **0.510**
- Ri20. **Flavia-Corina Mitroi**, Daniel Alexandru Ion, *Structural results on convexity relative to cost functions*, Aequat. Math., 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>
SRI (2023) **0.874**
- Ri21. **Flavia-Corina Mitroi**, Cătălin Irinel Spiridon, *Refinements of Hermite-Hadamard inequality on simplices*, Math. Rep., 15(65) 1 (2013), 69-78. ISSN: 1582-3067
http://www.csm.ro/reviste/Mathematical_Reports/Pdfs/2013/1/Mrc13_1.pdf
SRI (2023) **0.279**
- Ri22. **Flavia-Corina Mitroi**, Nicușor Minculete, *Mathematical inequalities for biparametric extended information measures*, 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>
SRI (2023) **0.731**
- Ri23. **Flavia-Corina Mitroi**, Kazimierz Nikodem, Szymon Wąsowicz, *Hermite-Hadamard inequalities for convex set-valued functions*, Demonstratio Mathematica, 46 (4) (2013), 655-662.
ISSN: 0420-1213.
<https://www.degruyter.com/view/journals/dema/46/4/article-p655.xml>
- Ri24. Shigeru Furuichi, **Flavia-Corina Mitroi**, *Mathematical inequalities for some divergences*, 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>
SRI (2023) **1.360**
- Ri25. **Flavia-Corina Mitroi**, Eleutherius Symeonidis, *The converse of the Hermite-Hadamard inequality on simplices*, 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>
SRI (2023) **1.926**

- Ri26. Shigeru Furuichi, Nicușor Minculete, **Flavia-Corina Mitroi**, *Some inequalities on generalized entropies*, 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>
SRI (2023) **0.812**
- Ri27. **Flavia-Corina Mitroi**, Cătălin-Irinel Spiridon, *Hermite-Hadamard type inequalities of convex functions with respect to a pair of quasi-arithmetic means*, Math. Rep., 14(64) (**2012**), 291-295.
ISSN: 1582-3067
http://imar.ro/journals/Mathematical_Reports/Pdfs/2012/3/Mrc12_3.pdf
SRI (2023) **0.279**
- Ri28. Nicușor Minculete, **Flavia-Corina Mitroi**, *Fejér type inequalities*, 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>
- Ri29. **Flavia-Corina Mitroi**, *Estimating the normalized Jensen functional*, J. Math. Inequal, 5 (4) (**2011**), 507-521.
ISSN: 1846 -579X
<http://jmi.ele-math.com/05-44/Estimating-the-normalized-Jensen-functional>
SRI (2023) **0.731**
- Ri30. **Flavia-Corina Mitroi**, Constantin P. Niculescu, *An extension of Young's inequality*, Hindawi Publishing Corporation, Abstr. Appl. Anal. **2011**, Art. ID 162049, 18 p.
DOI:10.1155/2011/162049. ISSN: 1085-3375.
<https://www.hindawi.com/journals/aaa/2011/162049/>
- Ri31. **Flavia-Corina Mitroi**, *Young's Inequality Revisited*, Acta Univ. Apulensis Math. Inform., 26 (**2011**), 237-244.
ISSN: 1582-5329.
<http://auajournal.uab.ro/index.php?pagina=pg&id=25&l=en>
- Ri32. **Flavia-Corina Mitroi**, *On the Jensen-Steffensen inequality and superquadraticity*, An. Univ. Oradea fasc. mat., 18 (**2011**), 269-275.
ISSN: 1221-1265.
http://arhiva-stiinte.uoradea.ro/en/auofm/auofm_contents.htm
- Ri33. **Flavia-Corina Mitroi**, Cătălin Irinel Spiridon, *A Hermite-Hadamard type inequality for multiplicatively convex functions*, 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>
SRI (2023) **0.364**
- Ri34. **Flavia-Corina Mitroi**, *About the precision in Jensen-Steffensen inequality*, 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>
SRI (2023) **0.364**
- Ri35. **Flavia -Corina Minuță (Mitroi)**, *Point convexity*, 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>
SRI (2023) **0.364**
- Ri36. **Flavia-Corina Mitroi-Symeonidis**, *Convexity and sandwich theorems*, European Journal of Research in Applied Sciences (EJRAS), 1 (**2015**), pp. 9-11.
ISSN: 2457-4139
https://www.researchgate.net/publication/279864723_Convexity_and_sandwich_theorems

Vi1. Adrian Beteringhe, **Flavia-Corina Mitroi-Symeonidis**, *Molecular Docking Technique for selection of some naproxen derivatives as inhibitors of cyclooxygenase 2 (COX-2)*; 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>

Vi2. **Flavia-Corina Mitroi**, *Connection between the Jensen and the Chebychev functionals*. In: Bandle, C. et al.(eds.), *Inequalities and Applications 2010*, 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

Alte materiale publicate:

Răspuns electronic de specialitate *matematica* (analiza datelor), apărut într-una dintre cele mai vechi și prestigioase reviste din domeniul *medical* (Factor de impact: **30.223** (2019), SRI: **27,943**(2019)):

Flavia-Corina Mitroi-Symeonidis, Ion Anghel, I., Arturo Tozzi, *Preventing a COVID-19 pandemic flashover (electronic response to: Day M. 2020. Covid-19: identifying and isolating asymptomatic people helped eliminate virus in Italian village. BMJ 2020;368:m1165), 2020.*

<https://www.bmj.com/content/368/bmj.m1165/rr>

5. Citări ale lucrărilor publicate: referința bibliografică a lucrării citate(Ci1, Ci2) și referința / ele bibliografică / e a / ale lucrării care citează (Ci1.1, Ci1.2....., Ci2.1, Ci2.2, etc.)

Ci1. KRNIĆ, M., Minculete, N., **Mitroi-Symeonidis, F.-C.**, *On further refinements of the Jensen inequality and applications*, Mathematical Methods in the Applied Sciences, Volume 47, Issue 9, 2024, 7488-7501. DOI: 10.1002/mma.9984.

Ci1.1 H. Lai, P. Luo, M. Liu and J. Xu, *"LMPIT-based Spectrum Sensing for Non-circular Signals in Multi-antenna Cognitive Radios,"*, IEEE Transactions on Wireless Communications. ISSN 1536-1276

doi: 10.1109/TWC.2025.3550407

<https://ieeexplore.ieee.org/document/10932680>

SRI (2023): 5.416

Ci2. 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.

Ci2.1 Joseph Raj Xavier, *Multifunctional nanocomposite coatings for superior anticorrosive, flame retardant and mechanical properties in aerospace components*, Surfaces and Interfaces, 2023, 102832,

ISSN 2468-0230,

<https://doi.org/10.1016/j.surfin.2023.102832>

SRI (2023): 1.888

Ci3. **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.

Ci3.1 Y. Cai and L. -H. Lim, *"Distances Between Probability Distributions of Different Dimensions,"*, IEEE Transactions on Information Theory, vol. 68, no. 6, pp. 4020-4031, June 2022.

DOI: 10.1109/TIT.2022.3148923. ISSN: 0018-9448

<https://ieeexplore.ieee.org/abstract/document/9701924/>

SRI (2023): 2.237

Ci3.2 Banach, M., *Symmetrization in the calculation pipeline of Gauss function-based modeling of hydrophobicity in protein structures*. Symmetry 2022, 14, 1876.

DOI:10.3390/sym14091876. ISSN: 2073-8994

<https://www.mdpi.com/2073-8994/14/9/1876>

SRI (2023): 0.748

Ci4. Hamid Reza Moradi, Shigeru Furuichi, **Flavia-Corina Mitroi-Symeonidis**, Razieh 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.

Ci4.1 Yaser Khatib, Stanford Shateyi, *Improvement of inequalities related to powers of the numerical radius*, AIMS Mathematics, 9(7): 19089–19103.
DOI:10.3934/math.2024930. ISSN: 2473-6988
<https://www.aimspress.com/article/doi/10.3934/math.2024930>
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