

Списък на научните публикации на доц. д-р Величка Милушева
за участие в конкурс за професор в
област на висше образование 4. Природни науки, математика и информатика,
професионално направление 4.5. Математика,
научна специалност „Геометрия и топология“ (Диференциална геометрия),
обявен в Държавен вестник, бр. 18 / 27.02.2018 г.

1. B. Bulca, V. Milousheva, *Meridian Surfaces with Constant Mean Curvature in Pseudo-Euclidean 4-space with Neutral Metric*, Mediterr. J. Math. (2017), 14: 48. doi:10.1007/s00009-017-0878-x. (Published online 02 March 2017). **IF: 0.868 (Q2)**
2. B. Bulca, V. Milousheva, *Meridian Surfaces with Parallel Normalized Mean Curvature Vector Field in Pseudo-Euclidean 4-space with Neutral Metric*, International Journal of Geometry **6**, no. 1 (2017), 67-84.
3. V. Milousheva, *Meridian Surfaces on Rotational Hypersurfaces with Lightlike Axis in E_2^4* , In: Proceedings Book of International Workshop on Theory of Submanifolds, June 2-4, 2016, Istanbul, Turkey, Editors: Nurettin Cenk Turgay, Elif Özkara Canfes, Joeri Van der Veken and Cornelia-Livia Bejan, (2017), 140-154. DOI:10.24064/iwts2016.2017.2
4. Y. Aleksieva, V. Milousheva, N.C. Turgay, *General Rotational Surfaces in Pseudo-Euclidean 4-Space with Neutral Metric*, Bull. Malays. Math. Sci. Soc. (2016), DOI:10.1007/s40840-016-0425-0 (Available online: October 06, 2016). **IF: 0.720 (Q2)**
5. K. Arslan, V. Milousheva, *Meridian Surfaces of Elliptic or Hyperbolic Type with Pointwise 1-type Gauss Map in Minkowski 4-space*, Taiwanese Journal of Mathematics, **20**, no. 2 (2016), 311-332. DOI: 10.11650/tjm.20.2016.5722. **IF: 0.749 (Q2)**
6. Y. Aleksieva, G. Ganchev, V. Milousheva, *On the Theory of Lorentz Surfaces with Parallel Normalized Mean Curvature Vector Field in Pseudo-Euclidean 4-Space*, J. Korean Math. Soc., **53**, no. 5 (2016), 1077-1100. **IF: 0.441 (Q4)**
7. G. Ganchev, V. Milousheva, *Meridian Surfaces of Elliptic or Hyperbolic Type in the Four-dimensional Minkowski Space*, Math. Commun., **21**, no. 1 (2016), 1-21. **IF: 0.316 (Q4)**
8. Y. Aleksieva, V. Milousheva, *Rotational Surfaces with Constant Mean Curvature in Pseudo-Euclidean 4-Space with Neutral Metric*, In: Mathematics and Education in Mathematics, Proceedings of the Forty Fifth Spring Conference of the Union of Bulgarian Mathematicians, (2016), 105-112.
9. V. Milousheva, N.C. Turgay, *Quasi-minimal Lorentz Surfaces with Pointwise 1-type Gauss Map in Pseudo-Euclidean 4-space*, Journal of Geometry and Physics, **106** (2016), 171-183. DOI: <http://dx.doi.org/10.1016/j.geomphys.2016.03.023>. **IF: 0.819 (Q3)**
10. G. Ganchev, V. Milousheva, *Meridian Surfaces of Parabolic Type in the Four-dimensional Minkowski Space*, In: Geometry, Integrability and Quantization, I. Mladenov, G. Meng and A. Yoshioka (Eds), Avangard Prima, (2016), 243-255, DOI:10.7546/giq-17-2016-243-255.
11. G. Ganchev, V. Milousheva, *Special Classes of Meridian Surfaces in the Four-dimensional Euclidean Space*, Bull. Korean Math. Soc., **52**, no. 6 (2015), 2035-2045. <http://dx.doi.org/10.4134/BKMS.2015.52.6.2035>. **IF: 0.297**

12. G. Ganchev, V. Milousheva, *General Rotational Surfaces in the 4-dimensional Minkowski Space*, Turk. J. Math., **38** (2014), 883-895, DOI: 10.3906/mat-1312-10. **IF: 0.311**
13. G. Ganchev, V. Milousheva, *Quasi-minimal Rotational Surfaces in Pseudo-Euclidean Four-dimensional Space*. Cent. Eur. J. Math., **12**, no. 10 (2014), 1586-1601. DOI: 10.2478/s11533-014-0430-1. **IF: 0.578**
14. K. Arslan, B. Bulca, V. Milousheva, *Meridian Surfaces in E^4 with Pointwise 1-type Gauss Map*. Bull. Korean Math. Soc. **51**, no. 3 (2014), 911-922. DOI: 10.4134/BKMS.2014.51.3.911. **IF: 0.228**
15. G. Ganchev, V. Milousheva, *Marginally Trapped Meridian Surfaces of Parabolic Type in the Four-dimensional Minkowski Space*. International Journal of Geometric Methods in Modern Physics., **10**, no. 10 (2013), Article ID: 1350060, 17 pp, DOI: 10.1142/S0219887813500606. **IF: 0.617**
16. V. Milousheva, *Marginally Trapped Surfaces with Pointwise 1-Type Gauss Map in Minkowski 4-Space*. International Journal of Geometry, **2**, no. 1 (2013), 34-43.
17. G. Ganchev, V. Milousheva, *Timelike Surfaces with Zero Mean Curvature in Minkowski 4-Space*. Israel Journal of Mathematics, **196** (2013), 413-433, DOI: 10.1007/s11856-012-0169-y, **IF: 0.659**
18. G. Ganchev, V. Milousheva, *An Invariant Theory of Surfaces in the Four-dimensional Euclidean or Minkowski Space*. Pliska Stud. Math. Bulgar. **21** (2012), 177-200.
19. G. Ganchev, V. Milousheva, *An Invariant Theory of Marginally Trapped Surfaces in the Four-dimensional Minkowski Space*. J. Math. Phys., **53** (2012), Article ID: 033705, 15 pp, DOI: 10.1063/1.3693976. **IF: 1.296**
20. G. Ganchev, V. Milousheva, *An Invariant Theory of Spacelike Surfaces in the Four-dimensional Minkowski Space*. Mediterr. J. Math., **9** (2) (2012), 267-294. DOI: 10.1007/s00009-010-0108-2. **IF: 0.641**
21. G. Ganchev, V. Milousheva, *Chen Rotational Surfaces of Hyperbolic or Elliptic Type in the Four-dimensional Minkowski Space*. C. R. Acad. Bulgare Sci. **64**, no. 5 (2011), 641-652. **IF: 0.210**
22. G. Ganchev, V. Milousheva, *Invariants and Bonnet-type Theorem for Surfaces in R^4* . Cent. Eur. J. Math., **8**, no. 6 (2010), 993-1008. DOI:10.2478/s11533-010-0073-9. **IF: 0.581**

Общ брой публикации: **22**

От тях с импакт-фактор: **16**

Сумарен импакт-фактор: **9,331**

Всички публикации в този списък са след придобиване на научното звание „доцент” по научната специалност 01.01.06 „Геометрия и Топология“ от ВАК.