

Публикации и Цитирания (без автоцитати)

на Стефан Иванов

Цитирания - 2230 в 1373 работи, h-index = 26

g-index: (броят статии)² ≤ (броя на цитиранията им) = 45;

Сумарен Импакт Фактор: IF = 92.800

3 юни 2024 г.

Съдържание

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1 Публикации в първите 5% за годината на публикуване - 3:

В категорията "Mathematics" - 3:

- Nonlinear Analysis: Theory - 2013, IF-1.612, **12/302**, [61]
- Memoirs of the AMS - 2014, IF-1.727, **13/312**, [S1]
- RACSAM - 2023, IF-2.9, **15/330 (2022)**, [78]

2 Публикации в първите 10% за годината на публикуване - 9:

В категорията "Mathematics" - 7:

- Journal of the European Mathematical Society - 2010, IF-1.353, **21/279**, [44];
- Journal de Mathématiques Pures et Appliquées - 2010, IF-1.450, **15/279**, [45];
- International Mathematics Research Notices (IMRN) - 2012, IF-1.116, **29/296**, [55];
- Advances in Mathematics - 2013, IF-1.353, **20/302**, [58];

- Journal de Mathématiques Pures et Appliquées - 2018, IF-1.961, **18/314**, [72].
- Analysis & PDE - 2023, IF-2.2, **27/330 (2022)**, [69]
- RACSAM - 2021, IF-2.276, **26/330** [76]

В категорията "Physics, Mathematical" - 1:

- Communications in Mathematical Physics -2015, IF-2.375, **5/53**, [67].

В категорията "Physics, Particles and Fields" - 1:

- J. High Energy Physics - 2014, IF-6.111, **3/27**, [62].

3 Монографии:

1. Extremals of the Sobolev inequality and the quaternionic contact Yamabe problem, (with D. Vassilev), World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, 2011. xviii+219 pp. ISBN: 978-981-4295-70-3; 981-4295-70-1
цитирания - 61.

4 Студии: - IF - 1.727

- S1. "Quaternionic contact Einstein structures and quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), **Memoirs Amer. Math. Soc.** (2014), vol. 231, number 1086; vi+82 pp. ISBN: 978-0-8218-9843-7
IF - 1.727 цитирания - 35.

5 Обзорни статии/студии по покана: - IF - 1.125

- O1. "The Lichnerowicz and Obata first eigenvalue theorems and the Obata uniqueness result in the Yamabe problem on CR and quaternionic contact manifolds (with Dimitar Vassilev), **Nonlinear Analysis - Theory** 126 (2015), 262-323.
IF - 1.125 цитирания - 9.

6 Публикации - IF - 89.948

- 0_a. On dual holomorphically projectively flat affine connections. **J. Geom.** 59 (1997), no. 1-2, 67-76.
цитирания - 2.
 - 0_b. The totally geodesic plane axiom on a differentiable manifold with a linear connection (with G. Ganchev), **C. R. Acad. Bulgare Sci.** 40 (1987), no. 1, 33-35.
цитирания - 1.
1. "Curvature operator with parallel Jordanian basis on circles (with I. Petrova), **Riv. Mat. Univ. Parma** (5) 5 (1996), 23-31.
цитирания - 2.
 2. "Semi-symmetric W-metric connections and the W-conformal group"(with G. Ganchev), **God. Sofj. Univ. Fac. Mat. Inform.**, 81 (1994), 181-193.
цитирания - 5.

3. "Characteristic curvatures on complex Riemannian manifolds"(with G. Ganchev), **Riv. Mat. Univ. Parma** (5) 1 (1992) 155–162. "Connections and curvatures on complex Riemannian manifold"(with G.Ganchev), Internal Report I.C.T.P.-Trieste (1991).
цитирования - 26.
4. "Holomorphically projective transformations on complex Riemannian manifold **J. Geom.**, 49 (1994), 106–116.
цитирования - 8.
5. "On dual-projectively flat affine connections **J. Geom.** 53 (1995), no. 1-2, 89–99.
цитирования - 36.
6. "Curvature of anti Kähler manifolds"(with G. Ganchev and V. Michova), **Riv. Mat. Univ. Parma** (5) 2 (1993), 249–256.
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7. "Compact Hermitian surfaces of Einstein type with respect to the Hermitian connection"(with G. Ganchev) **Monatshefte Math.** 123 (1997), no. 1, 53–59.
IF-0.326 **цитирования - 1.**
8. "Riemannian manifolds in which certain curvature operator has constant eigenvalues along each circle"(with I.Petrova), **Ann. Global Anal. Geom.** 15 (1997), 157-171.
IF - 0.327, **цитирования - 14.**
9. "On the fundamental theorem for non-degenerate complex affine hypersurface immersions, **Monatshefte Mathematics** 123 (1997), 321-336.
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10. "Compact Hermitian surfaces of constant antiholomorphic sectional curvature"(with V.Apostolov and G.Ganchev), **Proc. Amer. Math. Soc.**, 125 (1997), 3705-3714.
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11. "Einstein-Hermitian surfaces and Hermitian Einstein-Weyl structures in dimension 4"(with P.Gauduchon), **Math. Zeitschrift**, 226 (1997), 317-326.
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12. "Curvature properties of twistor spaces of quaternionic Kähler manifolds"(with B. Alexandrov and G. Grantcharov), **J. Geom.**, 62 (1998), 1-12.
цитирования - 47.
13. "Riemannian manifold in which the skew-symmetric curvature operator has pointwise constant eigenvalues"(with I.Petrova), **Geom. Dedicata**, 70 (1998), 269-282,
IF - 0.288, **цитирования - 53.**
14. "An estimate for the first eigenvalue of the Dirac operator on compact Riemannian spin manifold admitting parallel one form (with B. Alexandrov and G. Grantcharov) **J. Geom. Phys.**, 28 (1998), 263-270.
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15. "Hermitian structures on twistor spaces"(with V. Apostolov and G. Grantcharov), **Ann. Global Anal. Geom.**, 16 (1998), 291-308.
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16. "Einstein-Weyl structures on certain compact conformal manifolds", **Quarterly J. Math. (Oxford)** (2), 50 (1999), 457-462.
IF - 0.426. **цитирования - 11.**
17. "Dirac operators on Hermitian spin surfaces"(with B. Alexandrov) **Ann. Global Anal. Geom.**, 18 (2000), 529-539.
IF - 0.509, **цитирования - 5.**

18. "Orthogonal complex structures on certain Riemannian 6-manifolds"(with V. Apostolov and G. Grantcharov), **Diff. Geom. Appl.**, 11 (1999) 279–296.
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19. "Holomorphic and Killing vector fields on compact balanced Hermitian manifolds"(with G.Ganchev), **Int. J. Math.**, 11 (2000), 15-28.
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21. "Vanishing theorems on Hermitian manifolds"(with B. Alexandrov), **Diff. Geom. Appl.**, 14 (3) (2001), 251-265.
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36. " $SU(3)$ -instantons and $G_2, Spin(7)$ heterotic string solitons (with P. Ivanov), **Commun. Math. Phys.**, 259 (2005), 79-102.
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38. "Locally conformal parallel G_2 and $Spin(7)$ manifolds (with M. Parton and P. Piccinni), **Math. Res. Lett.**, 13 (2006), 167-177.
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41. "Nearly hypo structures and compact Nearly Kähler 6-manifolds with conical singularities (with M. Fernandez, V. Munoz and L. Ugarte), **J. London Math. Soc** 78 (2008), 580-604.
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42. "Conformal equivalence between certain geometries in dimension 6 and 7 (with R. Cleyton), **Math. Res. Lett.** 15 (2008), 631-641.
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43. "Curvature decomposition of G_2 manifolds"(with Richard Cleyton), **J. Geom. Phys** 58 (2008), 1429-1449.
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44. "Extremals for the Sobolev inequality on the seven dimensional quaternionic Heisenberg group and the quaternionic contact Yamabe problem (with I. Minchev and D. Vassilev), **Journal of the European Mathematical Society**, 12 (2010), pp. 1041-1067.
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45. "Conformal quaternionic contact curvature and the local sphere theorem"(with Dimitar Vassilev), **Journal de Mathe'matiques Pures et Applique'es**, 93 (2010), pp. 277-307.
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46. "Conformal Paracontact curvature and the local flatness theorem (with D. Vassilev and S. Zamkovoy), **Geom. Dedicata** 144 (2010), 79-100.
IF - 0.364, **цитирования - 55.**

47. "Non-Kaehler Heterotic String Compactifications with non-zero fluxes and constant dilaton (with Marisa Ferna'ndez, Luis Ugarte and Raquel Villacampa), **Comm. Math. Phys.** *288* (2009), 677-697.
IF - 2.067, **цитирания** - 80.
48. "Compact supersymmetric solutions of the heterotic equations of motion in dimensions 7 and 8 (with Marisa Ferna'ndez, Luis Ugarte and Raquel Villacampa), **Advances in Theoretical and Mathematical Physics**, *15* (2011), 245-284.
IF - 0.855, **цитирания** - 25.
49. "Quaternionic contact manifolds with a closed fundamental 4-form (with Dimiter Vassilev), **Bull. London Math. Soc.** *42* (2010), 1021-1030.
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50. "Compact supersymmetric solutions of the heterotic equations of motion in dimension 5 (with Marisa Ferna'ndez, Luis Ugarte and Raquel Villacampa), **Nuclear Physics B** *820* (2009), 483-502.
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51. "Heterotic supersymmetry, anomaly cancellation and equations of motion **Phys. Lett. B**, *685* (2010), 190-196.
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52. "Quaternionic Kaehler and Spin(7) metrics arising from quaternionic contact Einstein structures (with Luis C. de Andres, Marisa Fernandez, Jose A. Santisteban, Luis Ugarte and Dimiter Vassilev), *and arXiv:0903.1398*, **Annali di matematica Pura ed Applicata**, *193*, 1 (2014), 261-290.
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53. "The optimal constant in the L^2 Folland-Stein inequality on the quaternionic Heisenberg group (with Ivan Minchev and Dimiter Vassilev), **Ann. Sc. Norm. Super. Pisa Cl. Sci.** (5) Vol. XI (2012), 635-652;
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54. "The twistor space of a quaternionic contact manifold (with Johan Davidov and Ivan Minchev), **Quart. J. Math. (Oxford)** *63* (2012), no. 4, 873-890.
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55. "HKT manifolds with holonomy $SL(n, \mathbb{H})$ (with Alexander Petkov), **Intern. Math. Res. Notices** IMRN 2012, no. 16, 3779-3799;
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59. "An Obata type result for the first eigenvalue of the sub-Laplacian on a CR manifold with a divergence free torsion (with Dimiter Vassilev), **J. Geom.**, *103*, 3 (2012), 475-504.
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60. "An Obata-type theorem on a three-dimensional CR manifold (with Dimiter Vassilev), **Glasgow Math. J.**, 56 (2014), 283-294.
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62. "Non-Kaehler Heterotic String Solutions with non-zero fluxes and non-constant dilaton (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev), **J. High Energy Physics** 06 (2014) 073;
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64. "Quaternionic contact hypersurfaces in hyper-Kähler manifolds (with Ivan Minchev, Dimiter Vassilev), **Annali di matematica Pura ed Applicata**, Volume 196 (2017) Issue 1, pp 245-267.
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66. "Sasaki-like almost contact complex Riemannian manifolds (with H. Manev and M. Manev), **J. Geom. Physics**, 107 (2016) 136-148.
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67. "The quaternionic Heisenberg group and Heterotic String Solutions with non-constant dilaton in dimensions 7 and 5 (with Marisa Fernandez, Luis Ugarte, Dimiter Vassilev), **Comm. Math. Phys**, 339 (2015), no. 1, 199-219.
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68. "Connections on non-symmetric (generalized) Riemannian manifold and gravity (with Milan Zlatanovic), **Class. Quantum Grav.**, Volume 33, Number 7, 075016, (2016).
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75. "Para-Sasaki-like Riemannian manifolds and new Einstein metrics (with H.Manev and M.Manev), **Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales. Serie A. Matematicas,RACSAM**, 115 (2021), no. 3, Paper No. 112, 20 pp. DOI: 10.1007/s13398-021-01053-z
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IF - 2.200 (2022) 27/330 < 10%. цитирания - 4.
77. "The CR Almost Schur Lemma and the positivity conditions", (with A. Petkov), **Ann. Sc. Norm. Super. Pisa Cl. Sci.(5) XIII** , 2023, DOI: 10.2422/2036-2145.202301_011.
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7 Стефан Иванов-Цитирания

7.1 Статии с над 100 цитата - 4: [28] - 282; [25] - 138; [35] - 122; [31] - 101

Book Extremals of the Sobolev inequality and the quaternionic contact Yamabe problem, (with D. Vassilev), World Scientific Publishing Co., Lecture Notes, 2011.

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2. J. A. Santisteban, *Estructuras cuaternionicas contacto y metricas especiales*, Thesis of Dissertation, Universidad del Pais Vasco, November, 2013.
3. A. Petkov, *Riemannian and sub-Riemannian manifolds with additional structures*, Thesis of Dissertation, Sofia University "St.Kl.Ohridski", 2014.
4. Rupert L. Frank, Maria del Mar González, Dario D. Monticelli, Jinggang Tan, *An extension problem for the CR fractional Laplacian*, Adv. Math. **270** (2015), 97-137.
5. Alexander Petkov, *A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold*, Annuaire Univ. Sofia Fac. Math. Inform. 101 (2013), 193-213.
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7. Feifan Wu and Wei Wang, *The Bochner-Type Formula and The First Eigenvalue of the sub-Laplacian on a Contact Riemannian Manifold*, Differential Geom. Appl. **37** (2014), 66-88.
8. Feifan Wu and Wei Wang, *On the Yamabe Problem on contact Riemannian Manifolds*, October 2019, Annals of Global Analysis and Geometry 22(2), DOI: 10.1007/s10455-019-09675-8
9. Yun Shi, Wei Wang, *On Conformal Qc Geometry, Spherical Qc Manifolds and Convex Cocompact Subgroups of $Sp(n+1,1)$* , Ann. Global Analysis Geom. (2016), pp 1-37, First online: 11 January 2016.
10. Bumsik Kim, *Functional inequalities and the curvature dimension inequality on totally geodesic foliations*, (2015). Open Access Dissertations . 487. http://docs.lib.purdue.edu/open_access_dissertations/487
11. Yun Shi & Wei Wang, *The Szego kernel for k-CF functions on the quaternionic Heisenberg group*, Applicable Analysis Vol. 96 , Iss. 14, 2017, 2474-2492.
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13. Shi, Yun, *Chain and R-circle on quaternionic Heisenberg group and their properties*, (Chinese) Appl. Math. J. Chinese Univ. Ser. A 31 (2016), no. 1, 90 - 100.
14. Giuseppe Pipoli, *A survey on Inverse mean curvature flow in ROSSes*, Complex Manifolds 2017; 4: 245-262, <https://doi.org/10.1515/coma-2017-0016>.
15. S. Bordoni, P. Pucci, *Schrodinger-Hardy systems involving two Laplacian operators in the Heisenberg group*, Bull. Sci. math. 146 (2018), 50-88, <https://doi.org/10.1016/j.bulsci.2018.03.001>
16. Yun Shi, Wei Wang, *The tangential k-Cauchy-Fueter complexes and Hartogs' phenomenon over the right quaternionic Heisenberg group*, Annali di Matematica Pura ed Applicata, (1923 -) (2020) 199:651-680. <https://doi.org/10.1007/s10231-019-00895-0>.
17. Xiaomin Xue, Fushan Li, *The refinement and generalization of Hardy's inequality in Sobolev space*, Journal of Inequalities and Applications 2018(1), DOI: 10.1186/s13660-018-1922-5
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