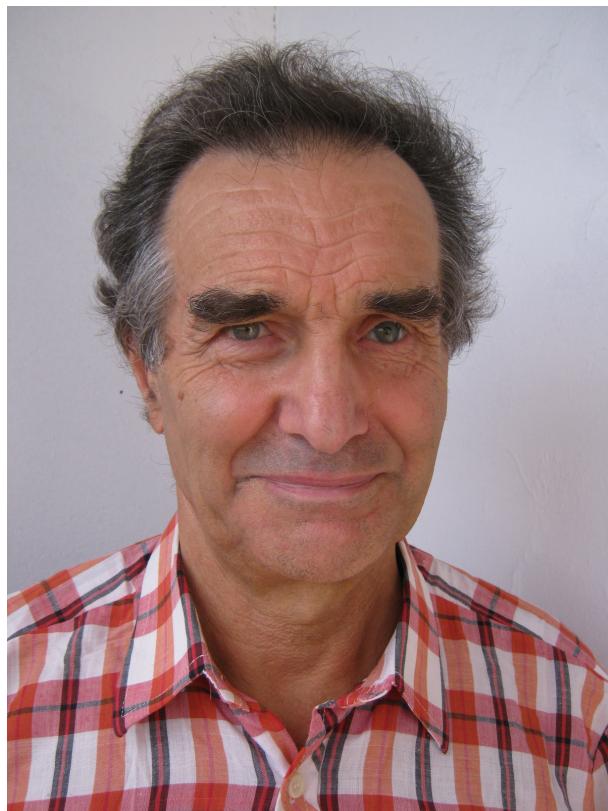


ДМИТРИЙ ВЛАДИМИРОВИЧ АЛЕКСЕЕВСКИЙ

В связи с 70-летием со дня рождения



Международный геометрический центр $d\omega$, коллеги и ученики сердечно поздравляют профессора Дмитрия Владимировича Алексеевского с юбилеем и желают ему счастья, крепкого здоровья и новых теорем!

LIST OF PUBLICATIONS BY D.V. ALEKSEEVSKY

MONOGRAPH AND SURVEY ARTICLES

1. Lie groups and homogeneous spaces, VINITI Publ. Algebra, Topol., Geom., 1974, v.11, 31-126.
2. Lie groups, VINITI Publ., Algebra, Topol., Geom., 1982, v.20, 153-178.
3. Geometry I (Basic Ideas and Concepts of Differential Geometry), Encycl. of Math. Sciences, v.28, 264p., Springer-Verlag, 1991 (with A.M.Vinogradov and V.V.Lychagin)
4. Geometry 2 (Geometry of spaces of constant curvature), Encycl. of Math. Sci., v.29, 1-129, 1993, Springer Verlag (with E. B. Vinberg and A. S. Solodovnikov)
5. Differential Geometry of curves and surfaces, Center "Sophus Lie", 1991 (in Russian).

ARTICLES FOR ENCYCLOPEDIA OF MATHEMATICS
(Russian edition, VINITI, v.1-5, 1978-1984)
(English edition, Kluver publ.,1988-1994)

1. Differential Geometry of Manifolds, v.2, 1979, 254-260.
2. Invariant Objects on a Homogeneous Space, v.2, 538-540.
3. Quaternionic Structure, v.2, 839-840.
4. Conformal Structure, v.2, 1089-1090.
5. Lie derivative, v.3, 1982, 260-261.
6. Lie differential, v.3, 1982, 261.
7. Noeter's theorems, v.3, 261-263.
8. Homogeneous space, v.3, 1175-1179.
9. Parallelizable manifold, v.4, 204-205.
10. Almost complex structure, v.4, 541-542.
11. Almost symplectic structure, v.4, 548-549.
12. Reducible Riemannian spaces, v.4, 633.
13. Pseudo-group structure, v.4, 732-734.
14. Pfaff problem, v.4, 773-774.
15. Pfaff structure, v.4, 774-775.
16. Homogeneous Riemannian space, v.4, 1026-1028.
17. Homogeneous symplectic space, v.4, 1157-1159.
18. Absolute parallelizability, v.4, 204-205.
19. Parallel field, v.4, 208-209.
20. Group of transformations one-parameter, v.3, 1170-1171.
21. Chart, v.2, 729-730.
22. Invariant metric, v.2, 529-531.
23. Spinor structure, v.5, 1984, 139-141.
24. Structure, v.5, 249-250.
25. G-structure, v.5, 250-253.
26. Flag, v.5, 628.
27. Flag structure, v.5, 628-629.
28. Hermitian metric, v.5, 1019-1020.
29. Hermitian structure, v.5, 1020-1021.
30. Yang-Mills field, v.5, 1059-1060.

PAPERS

1. On holonomy group of Riemannian spaces, Ukr. Math. J., 1967, 19, 100-104.
2. Riemannian spaces with non-standard holonomy groups, Funct. Anal. and its Applications, 1968, 2, 1-10.
3. Compact quaternionic spaces, Funct. Anal. Appl., 1968, v.2, 11-20.
4. Quaternionic Riemannian spaces with transitive reductive or solvable group of motions, Funct. Anal. Applic., 1970, 4, n4, 68-69.
5. Conjugation of the polar decompositions of Lie groups, Math. Sb., 1971, v.84, n1, 14-26.
6. Groups of conformal transformations of Riemannian spaces, Math. Sb., v.89, n1, 280-296.
7. Holonomy groups in General Relativity, Proc. Sov. Gravit. Confer., Erevan, 1972, 3-6.
8. The sphere and the Euclidean space are the only Riemannian manifolds with essential conformal transformations, Uspekhi Math. Nauk, 1973, 28, n5, 289-290.
9. Holonomy groups and recurrent tensor fields in Lorentzian manifolds, Probl. Gravit. Theory and Elem. Part., 1974, n5, 5-17.
10. Homogeneous Riemannian spaces of negative curvature, Math.Sb., 1975, 96, n1, 93-117.
11. Classification of quaternionic spaces with transitive solvable groups of motions, Math USSR Izv., 1975, 39, n2, 315-362.
12. Homogeneous Riemannian manifolds with zero Ricci curvature, Funct. Anal. and its Applic., 1975, v 2, 5-11 (with B.N.Kimelfeld)
13. Riemannian metrics, which are consistent with G-structure, Proc. Confer. "150 anniversary of Lobachevsky Geometry",1976, 9.
14. Self-similar spaces, holonomy groups and invariants of a linear representation of the line, Proc. Confer. "150 anniversary of Lobachevsky Geometry", 1976, 8.
15. Classification of homogeneous conformally flat Riemannian manifolds, Mat. Zam., 1978, 24, n1, 103-110 (with B. N. Kimelfeld).
16. On proper actions of Lie groups, Uspekhi Math. Nauk, 1978, 34, n1, 219-220.
17. Examples of simple infinite-dimensional Lie superalgebras of vector fields, Proc. Bulg. Acad. Sci., 1980, v.33, n4, 1189-1190 (with D. A. Leites and I. M. Schepochkina).
18. Self-similar Lorentzian manifolds, Ann. Glob. Anal. and Geom., 1985, 3, 59-84.
19. Invariant Kähler-Einstein metrics on compact homogeneous spaces, Funct. Anal. Applic., 1986, 20, n3, 1-16 (with A. M. Perelomov).
20. Homogeneous Einstein metrics, Diff.Gem.and its Appic. Brno, 1987, 1-21.
21. On the completeness of left-invariant metric on Lie group, Funct. Anal. Applic. 1987, 21, n3, 73-74 (with B. A. Putko).
22. Kähler-Einstein metrics on holomorphic vector bundles, Funct. Anal. Applic., 1987, 21, n2, 66-67 (with A. M. Perelomov).
23. On the length of minimal geodesics in quaternionic manifolds, Proc. All-Union Conf. on Geometry in the Large, 1987, Novosibirsk,4.

24. Maximally homogeneous G-structures and filtered Lie algebras, Sov. Math. Dokl., 1988, n3, 521-525.
25. Calabi-Yau metric on Fermat manifold (with M. M. Graev), J. Geom. and Phys., 1989, n4.
26. The completeness of left-invariant Lorentzian metrics on Lie groups, Topol. and Geom. methods in Analysis, 1989, Voronezh Univ., 12-28 (with B. A. Putko), Lect. Notes Math., n.1453, 1990, 171-186.
27. Contact homogeneous manifolds, Funct.Anal. Applic., 1990,n4.
28. Riemannian manifolds of cohomogeneity one, Proc. Colloq. on Diff. Geom. Eger, 1991, 1-19.
29. G-manifolds with one-dimensional orbit space (with A.V.Alekseevsky), Adv. in Sov. Math., 1992, v.8,1-31.
30. Riemannian manifolds with one-dimensional orbit space (with A.V.Alekseevsky) Preprint of Roma University,1991, 32p., Ann. of Glob. Anal., 1993, v.11, 197-211.
31. Twistors and G-structures, Math. USSR Isv., 1992, n1, (with M.M.Graev)
32. G-structures of twistor type and their twistor spaces (with M.M.Graev), Preprint of Roma University,32p.,1991 J. of Geom. and Phys., v.10, 203-229 1993.
33. Space-homogeneous Lorentzian manifolds, Tartu Univ. Toimetised, 1992, v.940, 17-20.
34. CR structures and twistor spaces (with M.Graev), Izvestia VUZ, v.5., 323-331, 1992.
35. Characteristic classes for G-structures (with P.Michor), Differ. Geom. and Applic.,1993,v.3, n 4,323-331.
36. Quaternionic-like structures on a manifold.I. 1-integrability and integrability conditions (with S.Marchiafava). Rendiconti della Accad. Lincei, 1993, v.4, s.9, 43-52.
37. Quaternionic-like structures on a manifold. Automorphism groups and their interrelations (with S.Marchiafava), Rendiconti della Accad. Lincei, 1993, v.4, s.9, 53-61.
38. Asystatic G-manifolds (with A.V.Alekseevsky), Preprint ESI, 1993, n 21, 21p., Proceed. of the Workshop on Diff. Geom. and Topol., Ed. R.Caddeo and F.Tricerri, 1993, 1-22.
39. Differential geometry of g-manifolds.I. g-manifolds of constant rank and their characteristic classes (with P.Michor), Preprint ESI, 1993, n39, 23p., Diff. Geom. Applic.,1993, v.3, 323-329.
40. Differential geometry of Cartan connections (with P.Michor), Preprint ESI, 1993, n39, 23p., Publ. Math. Debrecen, 1995, v.47, n3-4, 349-375.
41. Poisson structures on the cotangent bundle of a Lie group or a principal bundle and their reductions (with J.Grabovski, G.Marmo, P.Michor), Preprint ESI 1993, 20p., J. Math. Phys., 1994, v.35, n5, 4909-4927.
42. Generalised reductive homogeneous spaces and quasi-graded semisimple Lie algebras (with A.Spiro),Preprint of University of Ancona ,1993,22p, Proceed. Intern. Conference "Algebra and Analysis", Kasan 1996,1-22, ed. Arlasanov, Parshin, Schafarevich.
43. Homogeneous Ricci-positive 5-manifolds (with I. Dotti-Miatello, C. Ferraris), Preprint Univ. of Cordoba, 1993, n28, 11p.; Pacific Math. J., v. 175, n 1, 1-12, 1996.

44. Grassmann and hyperKaehler structures on some spaces of sections of holomorphic bundles (with M.Graev), Preprint IHES M/94/31 17p.; in "Manifolds and Geometry", Symposium Math., v. 36, ed. P. de Bartolomeis, F.Tricerri, E.Vesentini, 1-19, 1996.
45. Canonical metric on a quaternionic manifold (with S.Marchiafava), Proceed. Conf. on Geom. and Topol., Timisoara, 1994, 1-8.
46. Transformations of quaternionic Kähler manifolds (with S.Marchiafava) Compt. Rend, 1995, 320, n 6, 703-708.
47. Almost quaternionic Hermitian and quasi-Hermitian manifolds (with S. Marchiafava) in "Almost complex structures", ed. Sekigava, Dmitriev, World Scientific. 1995, 150-176.
48. Hypercomplex structures on quaternionic manifolds (with S.Marchiafava) in " New developments in differential geometry, ed. L.Tomassy, J.Szenthe Kluver Publ., Dodrecht, Boston, London, 1996, 1-20.
49. On some structure equations for almost quaternionic Hermitian manifolds (with E.Bonan, S.Marchiafava) in "Complex structures and vector fields", 1995, 114-135.
50. Quaternionic structures on a manifold and subordinated structures (with S.Marchiafava), Ann. Matem. pura ed appl., 1996, 1-69, v.171, n 4.
51. Quaternionic transformations of a non-positive quaternionic Kähler manifold (with S.Marchiafava) ,Preprint MPI 95-126, Intern. J. of Math., v.8, No 3, 1997, 301-316.
52. Differential geometry of \mathfrak{G} -manifolds (with P.Michor) Diff. Geom. and Applic., 1995, 5, 371-403.
53. Mirror Supersymmetry in the space of (super)extended Poincare algebras $\mathfrak{p}(p,q)$ (with V.Cortes), Letters in Math. Phys., 1996 , 38,283-287.
54. Homogeneous quaternionic Kähler manifolds of unimodular group (with V.Cortes) Preprint MPI/95-95, 12 p., Boll.Union. Math. Italiano,v.11B, suppl. fasc. 2,217-229, 1997.
55. Classification of N-(super)extended Poincare algebras and bilinear invariants of the spinor representation of $\text{spin}(p, q)$ (with V.Cortes), Preprint MSRI 088-95, Commun. Math. Phys.,v. 183, 1997, 477-510.
56. Isometry groups of homogeneous quaternionic Kähler manifolds (with V.Cortes), Preprint ESI 230, 1995, 39 p. J. of Geom. Anal. v.9, n 4, 513-545 , 1999.
57. Choosing of roots of polynomial smoothly (with A.Kriegl, M.Losik, P.Michor), Preprint ESI, 314, 1996, 20 p., Israel J. Math., 105, 1998, 203-233.
58. Poisson and symplectic structures on Lie algebras. 1,(with A.M.Perelomov), Preprint MPI 96-33, 25p., J. of Geom. and Physics, 22, 1997, 191-211.
59. On decomposability of Nambu-Poisson tensor (with P.Guha), Preprint MPI, 96-9, 9p.; Acta Math. Univ. Comenianae, v. 65, 1-9, 1996.
60. Killing spinors are Killing vector fields in Riemannian supergeometry (with V.Cortes, C. Devchand, U. Semmelmann) preprint MPI 97-29, 15 p., J. of Geom. and Phys.,v.26, n.1-2, 35-50, 1998.
61. Flag manifolds, Preprint ESI, n 415,1997,32 p.; Zbornik Radova, book 6 (14), 11 Yugoslav. Seminar, Beograd, 3-35, 1997.

62. Isotropy representation of flag manifolds, in Proceed. 17 Winter Srni School, ed. J. Slovák et al., Suppl. Rendic. di Circ. Matem. di Palermo, 13-24, 1998.
63. Compatible complex structures on almost quaternionic manifold (with S. Marchiafava and M. Pontecorvo), Preprint ESI n 404, 18 p.; Trans. Amer. Math. Soc., v 351, n 3, 1999, 997-1014.
64. Compatible complex structures on a quaternionic Kähler manifold, Preprint ESI n 419, 33 p.; Ann. Glob. Anal. and Geom., v 16, 419-444, 1998.
65. Completely integrable systems: A generalization, Preprint ESI n 452, 1997, 15, Modern Physics Letters, A v.12, 1637-1648, 1997.
66. Cohomogeneity one manifolds of positive characteristic and quaternionic Kähler manifolds (with F.Podesta), Preprint ESI n 466, 1997, 32 p.; Geometry, Topology and Physics, Proceedings of the first Brazil-USA workshop in Campinas, ed. B.Apanasov, S.Bradlov, W.Rodrigues, K.Uhlenbeck 1998.
67. Poisson structures on double Lie groups (with J.Grabovski, G.Marmo, P.W.Michor), Preprint ESI, n 465, 1997, 37p., J. of Geom. and Phys. v 26, 340-379, 1998.
68. Some geometric aspects of compatible complex structures on a quaternion Kähler manifold (with S. Marchiafava, M. Pontecorvo), Proceed. 18 Srni Winter School "Geometry and Physics", in Suppl. Rendic. di Circ. Matem. di Palermo, 1999.
69. Self-duality and pointwise Osserman manifolds (with N.Blažić, N.Bokan, Z.Rakić), Arch. Math.(Brno), no. 3, 193-201, 1999.
70. Almost complex submanifolds of a quaternionic Kähler manifold (with S. Marchiafava), Proceed. of Brasov Conference in Differential Geometry, 1999, 1-8.

PAPERS PUBLISHED AFTER 2000

1. Classification of stationary compact homogeneous special pseudo-Kähler manifolds of semisimple group (with V. Cortes), Proceed. of London Math. Soc., v.81, n3, 2000, 211-230.
2. Lifting of smooth curves over invariants for representation of compact Lie group (with M. Losik, A. Kriegl, P. Michor) Transformation groups , v.5, no. 2, 103-110, 2000.
3. Twistors and Cartan connections (with M.Graev), Annals of Global Analysis and Geometry, v 18, 309-330, 2000.
4. Spectral properties of the twistor fibration of a quaternion Kähler manifolds (with S.Marchiafava, M. Pontecorvo), J. Math. Pure et Appl., 79, No.1, 95-110, 2000.
5. Pseudo hyper-Kähler symmetric spaces (with V. Cortes), Asian J. Math., 5, No.4, 637-658, 2001.
6. Compact homogeneous CR manifolds (with A. Spiro) J. Geom. Analysis, v.12, No. 2, 183-201, 2002.
7. Hermitian and Kähler submanifolds of a quaternionic Kähler manifold (with S.Marchiafava), Osaka J. Math., 38, 869-904, 2001.
8. Special complex manifolds (with Ch. Devchand, V. Cortes) J. Geom. and Physics, 42, 85-105, 2002.
9. Almost complex submanifolds of quaternionic manifolds (with S. Marchiafava),in "Steps in Diff. Geometry", Proceedings of Debrecen colloquium in Differential Geometry, ed. Kozma L., 23-38, 2001.

10. Transitive groups of quasi-isometries and growth (with R. Grimaldi and I. Maniscalco) *Rendic. of Math. and Applic.* Roma, v.21, 29-37, 2001.
11. Flag manifolds and homogeneous CR structures (with A.Spiro),in the book "Recent Advances in Lie Theory", Research and Exposition in Math., vol.25, ed. I. Bajo, E. Sanmartin , 3-44, 2002.
12. Metric with homogeneous geodesics on flag manifolds
(with A.Arvanitoyeorgos), *Comment. Math. Univ. Carolinae*, v 43, no.2, 189-199, 2002.
13. The Riemannian geometry of orbit spaces – the metric, geodesics and integrable systems (with A.Kriegl, M.Losik, P.W.Michor), *Publ. Math. Debrecen*, 62, n 3-4, 247-276, 2003.
14. Invariant CR structures on compact homogeneous manifolds
(with A. Spiro), *Hokk. Math. J.*, v. 32, no.2, 209-276, 2003.
15. Flow on a quaternionic Kähler manifold (with V.Cortés, Ch.Devchand, A. Van Proeyen),hep-th/0109094, *Comm. Math. Phys.*,2003, v.238, 25-43.
16. Prolongation of Tanaka structures and regular CR structures (with A. Spiro) ,in the book "Selected topics in Cauchy-Riemannian geometry", ed. S. Dragomir, Seconda Universita di Napoli, v.1, 1-38, v.2001.
17. Partially-flat gauge fields on manifolds of dimension greater than four (with V. Cortes and C. Devchand), in Proceedings of the Workshop on "Special Geometric Structures in String Theory", (Bonn 2001), Eds. D.V. Alekseevsky, V. Cortes, C. Devchand and A. Van Proeyen, Proceedings of EMS.
18. A class of Osserman spaces (with N. Blazic, V. Cortes and S. Vukmirovic), *J. Geom. Phys.*, vol.53,345–353, 2005.
19. A twistor construction of Kähler submanifolds of a quaternionic Kähler manifold (with S.Marchiafava), *Annali di Mat.*, vol.184, 53-74, 2005
20. Hyper-Kaehler manifolds (with V. Cortes, Ch. Devchand, A. Van Proeyen), 2p., in "Concise Encyclopedia of Supersymmetry", ed. S.Duplii, W. Siegel, J. Bagger, Kluwer, 2003.
21. Hypercomplex manifolds (with V. Cortes, Ch. Devchand, A. Van Proeyen), 2p., in "Concise Encyclopedia of Supersymmetry", ed. S.Duplii, W. Siegel, J. Bagger, Kluwer, 2003.
22. Quaternionic Kaehler manifolds (with V.Cortes, Ch.Devchand,
A.Van Proeyen), 2p., in "Concise Encyclopedia of Supersymmetry",
ed. S.Duplii, W. Siegel, J. Bagger, Kluwer, 2003.
23. Quaternionic manifolds (with V. Cortes, Ch.Devchand, A.Van Proeyen), 2p., in "Concise Encyclopedia of Supersymmetry", ed. S.Duplii, W. Siegel, J. Bagger, Kluwer, 2003.
24. Minimal homogeneous submanifolds of symmetric spaces (with A.Di Scala), *Amer. Math. Soc. Transl.(2)*, vol. 210, "Lie Groups and Symmetric Spaces: In memory of F.I.Karpelevich", 11-25, 2003.
25. Yang-Mills connections over a manifold with Grassmann structure (with V. Cortés, Ch. Devchand), Max-Plank-Institut für Mathematics, Bonn, Preprint No. 124, 40 p., math.DG/0209124, 2002, *J. Math. Phys.*, vol.44, 6047-6076, 2003.

26. Normal holonomy groups of Kähler submanifolds (with A. Di Scala), Proc. London Math. Soc., vol.89, 197-216, 2004.
27. Polyvector super Poincare Lie algebras (with V. Cortes, Ch. Devchand, A. Van Proeyen), Commun. Math. Phys., vol.250, n4, 2004.
28. Kähler submanifolds of Wolf spaces (with Di Scala, S. Marchiafava), in "Recent Adv. in Geometry and Topology," , The 6 International Workshop on Differential geometry and Topology, CLUJ-NAPOCA, 15-27, 2003.
29. Quaternionic and para-quaternionic CR manifolds (with Y. Kamishima), Central European Math. J., vol.2, n5, 732-753, 2004.
30. Parallel Kähler submanifolds of quaternionic Kähler symmetric spaces (with A.J. Di Scala and S.Marchiafava), Tohoku Math. J. (2) vol. 57 no. 4, 521-540, 2005 .
31. Extensions of super Lie algebras (with P. Michor, W. Ruppert), J. of Lie Theory, vol.15, n1, 125-134, 2005
32. Classification of pseudo-Riemannian symmetric spaces of quaternionic Kähler type (with V. Cortes), in AMS Translations, Special volume dedicated to Prof. A.L. Onishchik, (2) 213 (2005), 33-62.
33. Maximally homogeneous para-CR manifolds (with C.Medori, A.Tomassini), Ann. Global Analysis and Geometry, vol. 30, 1-27, 2006.
34. Cohomogeneity one Riemannian manifolds of non positive curvature (with S. Abedi, S.M.B. Kashani), Diff. Geom. and its Applications, vol.25, n 5, 561-581, 2007.
35. Reflection groups on Riemannian manifolds (with A.Kriegle, P.Michor), Annali Mat. Pura ed Applicata, v.187, n1, 25-58, 2007.
36. Riemannian flag manifolds with homogeneous geodesics (with A. Arvanitoyeorgos), Trans. Amer. Math. Soc., vol. 395, 3769-3789, 2007.
37. Bi-isotropic decomposition of semisimple Lie algebras and bi-Lagrangian manifolds (with C. Medori) , J. Algebra, v.313, n1, 8-27, 2007.
38. Lorentzian homogeneous manifolds with completely reducible isotropy, 7-13, in "Pure and Applied Differential Geometry" PADGE 2007, ed. F. Dillen, I. Van de Woestyne, Aachen 2007.
39. Homogeneous bi-Lagrangian manifolds and invariant Monge-Ampere equations (with A. Spiro), 3-12, in "Symmetry and Perturbation Theory", SPT 2007, ed. G. Gaeta, R. Vitolo, S. Walcher, 2007.
40. The twistor space of a para-quaternionic Kähler manifold (with V. Cortes), Osaka J. Math., vol. 45, n 1, 1-37, 2008,
41. Pseudo-conformal quaternionic CR structures on $(4n + 3)$ -dimensional manifolds,(with Y. Kamishima), Ann. Math. Pura ed Applicata, vol. 187, 482-529, 2008.
42. Totally geodesic singular orbits and symmetric singular orbits in cohomogeneity one Riemannian manifolds, Lobachevskii Journal of Math., (with H.Abedi and S.M.B. Kashani), vol. 29, no.4, 193-205, 2008.
43. Homogeneous para-Kähler Einstein manifolds, (with C.Medori, A. Tomassini), Uspechi Mat. Nauk, vol. 64, n1(385), 2009 (in Russian), (English translation is in Russian Math. Survey, 44p., 2009.)

44. Para-Kähler Einstein metrics on homogeneous manifolds (with C. Medori C. and A. Tomassini) C. R., Math., Acad. Sci. Paris 347, No. 1-2, 69-72, 2009.
45. On pseudo-Riemannian manifolds with many Killing spinors,
(with V. Cortes), AIP Conference Proceedings , vol. 1093, 2009, "Special metrics and Super-symmetry".
46. Cones over pseudo-Riemannian manifolds and their holonomy (with V. Cortes, A.S. Galaev, T. Leistner), Journal für die Reine und Angewandte Mathematik (Crelle's Journal), 635, 23-69, 2009.
47. Geometric construction of the r-map: from affine special real to special Kähler manifolds,
(with V. Cortes), Commun. Math. Phys., 291, 579-590, 2009.
48. Compact Riemannian Manifolds with Homogeneous Geodesics (with Y. G. Nikonorov), SIGMA, Special Issue "Elie Cartan and Differential Geometry" 5, 2009, 093, 16p., 2009.
49. Maximally homogeneous para-CR manifolds of semisimple type, (with C. Medori and A. Tomassini) in "Handbook of Pseudo-Riemannian Geometry and Supersymmetry", IMRA Lectures in Mathematics and Theoretic Physics, 559-577, vol. 16, June 2010.
50. Pseudo-Kaehler and para-Kaehler symmetric spaces, in " Handbook in Pseudo-Riemannian Geometry and Supersymmetry", IMRA Lectures in Mathematics and Theoretic Physics, vol. 16, June 2010.