

PUBLICATIONS

Monographs and text books:

1. Sh. Ayupov, B.A. Omirov, I.S. Rakhimov, "Leibniz algebras: Structure and Classification", Taylor & Francis Group Publisher, ISBN 0367354810, 2019, 323 p.;
2. Sh.A. Ayupov, B.A. Omirov, A.X. Xudoyberdiyev, F.H. Haydarov, "Algebra and Number Theory", approved by Ministry of Higher and Secondary Education of the Republic of Uzbekistan, No. 654-161, Tashkent, "Tafakkur bustoni", 2019, 296 p. (in Uzbek)

Journals:

Accepted

1. Adburasulov Q.Q., Gaybullaev R.K., Omirov B.A., Khudoyberdiyev A.Kh. Maximal solvable extension of naturally graded filiform n -Lie algebras, accepted in Siberian Mathematical Journal, 2021, Impact Factor – 0.778;
2. Camacho L.M., Navarro R.M., Omirov B.A., On solvable Lie and Leibniz superalgebras with maximal codimension of nilradical, accepted in Journal of Algebra, 2021, Factor - 0.89;
3. Camacho L.M., Navarro R.M., Omirov B.A., Residually solvable extensions of pro-nilpotent Leibniz superalgebras, accepted in Journal of Geometry and Physics, pp. 13, 2021, Impact Factor – 1.249;

2021:

4. Calderon A.J., Camacho L.M., Kaygorodov I., Omirov B.A., Abelian groups gradings on null-filiform and one-parametric filiform Leibniz algebras, Journal of Geometry and Physics, vol. 170, 2021, 104384, Impact Factor – 1.249;
5. Camacho L.M., Navarro R.M., Omirov B.A., Complex cyclic Leibniz superalgebras, Revista Matematica Complutense, vol. 34(3), 2021, p. 675–690, doi.org/10.1007/s13163-020-00370-y, Impact Factor – 1.227;
6. Adashev J.Q., Camacho L.M., Omirov B.A., Solvable Leibniz algebras with naturally graded non-Lie p -filiform nilradicals whose maximal complemented space of its nilradical, Linear and Multilinear Algebra, vol. 69(8), 2021, p. 1500 – 1520, doi:10.1080/03081087.2019.1631742, Impact Factor – 1.736;
7. Abdurasulov K.K., Omirov B.A., Rakhimov I.S., Solijanov G.O., Residually solvable extensions of an infinite dimensional filiform Leibniz algebra, Journal of Algebra, vol. 585, 2021, p. 697 - 722, doi.org/10.1016/j.jalgebra.2021.06.024, Factor - 0.89;

2020:

8. Muratova Kh.A., Ladra M., Omirov B.A., Sattorov A.M., Solvable Leibniz algebras with quasi-filiform Lie algebras of maximum length nilradicals, *Commun. Algebra*, vol. 48(8), 2020, p. 3525 – 3542, doi.org/10.1080/00927872.2020.1740927, Impact Factor - 0.356;
9. Camacho L.M., Kaygorodov I., Omirov B.A., Solijanova G. Some cohomologically rigid solvable Leibniz algebras, *Journal of Algebra*, vol. 560, 2020, p. 502 – 520, doi.org/10.1016/j.jalgebra.2020.05.033, Impact Factor - 0.613;
10. Mamadaliev U. Kh., Omirov B.A. Cohomologically rigid solvable Leibniz algebras with a nilradical of arbitrary characteristic sequence, *Siberian Mathematical Journal*, vol. 61(3), 2020, p. 641 – 653, Impact Factor - 0.778;
11. Omirov B.A., Wagemann F. A rigid Leibniz algebra with non-trivial HL^2 , *Journal of Algebra*, vol. 556, 2020, p. 696 -724, doi.org/10.1016/j.jalgebra.2020.04.005, Impact Factor - 0.613;
12. Ayupov Sh.A., Kudaybergenov K.K., Omirov B.A., Local and 2-local derivations and automorphisms on simple Leibniz algebras, the *Bulletin of the Malaysian Mathematical Sciences Society*, vol. 43, 2020, p. 2199 – 2234, doi: 10.1007/s40840-019-00799-5 Impact Factor - 0.779;
13. Ayupov Sh.A., Kudaybergenov K.K., Omirov B.A., Zhao K. Semisimple Leibniz algebras, their derivations and automorphisms, *Linear and Multilinear Algebra*, vol. 68(10), 2020, p. 2005 - 2019, doi.org/10.1080/03081087.2019.1567674, Impact Factor - 1.000;

2019:

14. Mukhamedov F., Khakimov O., Omirov B.A., Qaralleh I. Derivations and automorphisms of nilpotent evolution algebras with maximal nilindex, *Journal of Algebra and its Applications*, vol. 18(12), 2019, p. 1950233 (23 pages), doi:10.1142/S0219498819502335, Impact Factor – 0.342;
15. Adashev J.K., Ladra M., Omirov B.A. The classification of naturally graded Zinbiel algebras with characteristic sequence equal to $(n-p,p)$, *Ukrainian Mathematical Journal*, vol. 71(7), 2019, p. 867 - 883, Impact Factor - 0.154;
16. Camacho L.M., Karimjanov I.A., Ladra M., Omirov B.A. Leibniz algebras constructed by representations of general Diamond Lie algebras, the *Bulletin of the Malaysian Mathematical Sciences*, vol. 42(3), 2019, p. 1281 - 1293. doi.org/10.1007/s40840-017-0541-5, Impact Factor - 0.779;
17. Omirov B.A., Rozikov U.A., Velasco M.V. A class of nilpotent evolution algebras, *Communications in Algebra*, vol. 47(4), 2019, p. 1556 - 1567, doi.org/10.1080/00927872.2018.1508584, Impact Factor - 0.356;
18. Abdurasulov Q. K., Adashev J. Q., Casas J.M., Omirov B.A. Solvable Leibniz algebras whose nilradical is a quasi-filiform Leibniz algebra of maximum length, *Communications in Algebra*, vol. 47(4), 2019, p. 1578–1594 doi.org/10.1080/00927872.2018.1508586, Impact Factor - 0.356;

19. Adashev J.Q., Omirov B.A., Uguz S. Leibniz algebras associated with representations of Euclidian Lie algebra, *Algebras and Representation Theory*, 2019, doi.org/10.1007/s10468-018-09849-1, pp.12, Impact Factor - 0,595;
20. Kudaybergenov K, Ladra M., Omirov B.A. On Levi-Malcev theorem for Leibniz algebras, *Linear and Multilinear Algebra*, vol. 67(7), 2019, p. 1471 - 1482, doi.org/10.1080/03081087.2018.1457622, Impact Factor - 1.000;
21. Camacho L.M., Khudoyberdiyev A.K., Omirov B.A. On the property of subalgebras of evolution algebras, *Algebras and Representation Theory*, vol. 22, 2019, 281 - 296, doi.org/10.1007/s10468-018-9767-7, Impact Factor - 0,595;
22. Camacho L.M., Omirov B.A., Kurbanbaev T.K. Leibniz algebras constructed by Witt algebras, *Linear and Multilinear Algebra*, vol. 67(10), 2019, 2048 - 2064, doi.org/10.1080/03081087.2018.1480704, Impact Factor - 1.000;

2018:

23. Adashev J. K., Ladra M., Omirov B.A. The second cohomology group of simple Leibniz algebras, *Journal of Algebra and Its Applications*, vol. 17(12), 2018, p. 1850222 (13 pages), doi.org/10.1142/S0219498818502225, Impact Factor - 0.342;

2017:

24. Rozikov U.A., Omirov B.A. On subalgebras of an evolution algebra of a "chicken" population, *Journal of Algebra and Related Topics*, vol. 5(2), 2017, 3-24.
25. Camacho L.M., Omirov B.A., Masutova K.K., Rikhsiboev I.M. Solvable Leibniz algebras with $NF_n \oplus F_m^1$ nilradical, *Open Mathematics*, vol. 15(1), 2017, 1371 - 1388, doi.org/10.1515/math-2017-0115, Impact Factor - 0,682;
26. Khudoyberdiyev A.K., Ladra M., Masutova K.K., Omirov B.A. Some irreducible components of the variety of complex $n+1$ -dimensional Leibniz algebras, *Journal of Geometry and Physics*, vol. 121, 2017, 228 - 246, Impact Factor - 0.819;
27. Rakhimov I.S., Khudoyberdiyev A.Kh., Omirov B.A., Mohd Atan K.A., On isomorphism criterion for a subclass of complex filiform Leibniz algebras, *International Journal of Algebra and Computation*, vol. 27(7), 2017, 953–972. doi: 10.1142/S0218196717500448. Impact Factor - 0,469;
28. Adashev J.Q., Ladra M., Omirov B.A. Solvable Leibniz algebras with naturally graded non-Lie p -filiform nilradicals, *Communications in Algebra*, vol. 45 (10), 2017, 4329 - 4347, Impact Factor - 0.356;
29. Adashev J.Q., Camacho L.M., Omirov B.A. Central extensions of null-filiform and naturally graded filiform non-Lie Leibniz algebras, *Journal of Algebra*, vol. 479, 2017, 461 - 486, Impact Factor - 0.613;
30. Camacho L.M., Gómez-Vidal S., Omirov B.A., Karimjanov I.A. Leibniz algebras whose semisimple part is related to sl_2 , *The Bulletin of the*

Malaysian Mathematical Sciences Society, vol. 40(2), 2017, 599 - 615, Impact Factor - 0.779;

31. Rakhimov I.S., Masutova K.K., Omirov B.A. On derivations of semisimple Leibniz algebras, the Bulletin of the Malaysian Mathematical Sciences Society, vol. 40(1), 2017, 295-306, Impact Factor - 0.779;
32. Uguz S., Karimjanov I.A., Omirov B.A. Leibniz algebras associated with representations of the Diamond Lie algebra, Algebras and Representation Theory, vol. 20(1), 2017, 175 - 195, Impact Factor - 0,595;

2016:

33. Ladra M., Masutova K.K., Omirov B.A. Corrigendum to “Classification of solvable Leibniz algebras with naturally graded filiform nilradical” [Linear Algebra and its Applications, vol. 438(7), 2013, 2973 - 3000] Linear Algebra Appl. , vol. 507, 2016, 513-517, Impact Factor – 1.011
34. Casas J. M., Ladra M., Omirov B.A., Turdibaev R. On algebraic properties of the human ABO-Blood group inheritance pattern, Australian and New Zealand Industrial and Applied Mathematics Journal (ANZIAM Journal), vol. 58, 2016, 78-95, Impact Factor - 1,025
35. Camacho L.M., Ladra M, Karimjanov I.A., Omirov B.A. Leibniz algebras associated with some finite-dimensional representation of Diamond Lie algebra, Journal of Physics: Conference Series 697, IOP Publishing, 2016, doi.org/10.1088/1742-6596/697/1/012006, pp. 12.
36. Calderón A. J., Camacho L. M., Omirov B. A. Leibniz algebras of Heisenberg type. Journal of Algebra, vol. 452, 2016, 427 - 447, Impact Factor - 0.613.
37. Dzhumadil'daev A., Omirov B. A., Rozikov U. A. Constrained evolution algebras and dynamical systems of a bisexual population, Linear Algebra and its Applications, vol. 496, 2016, 351-380, Impact Factor – 1.011
38. Camacho L. M., Cañete E.M., Gómez J.R., Omirov B.A. 3-Filiform Leibniz algebras of maximum length, Siberian Mathematical Journal, vol. 57(1), 2016, 33 - 46, Impact Factor - 0.365
39. Camacho L. M., Omirov B. A., Masutova K. K. Solvable Leibniz algebras with filiform nilradical, Bulletin of the Malaysian Mathematical Sciences Society, vol. 39(1), 2016, 283 – 303, Impact Factor - 0.779

2015:

40. Ayupov Sh.A., Camacho L.M., Khudoyberdiyev A. KH., Omirov B.A. Leibniz algebras associated with representations of filiform Lie algebras, Journal of Geometry and Physics, vol. 98, 2015, 181 - 195, Impact Factor - 1.055
41. Gómez J.R., Omirov B.A. On classification of complex filiform Leibniz algebras, Algebra Colloquium, vol. 22(1), 2015, 757 - 774, Impact Factor – 0.237

42. Albeverio S., Omirov B.A., Rozikov U.A. Periodic algebras generated by groups, *Algebra Colloquium*, vol. 22(4), 2015, 541–554, Impact Factor – 0.237
43. Camacho L.M., Gómez-Vidal S., Omirov B.A. Leibniz algebras associated to extensions of sl_2 , *Communications in Algebra*, vol. 43(10), 2015, 4403 - 4414, Impact Factor - 0.356
44. Karimjanov I.A., Khudoyberdiyev A.Kh., Omirov B.A. Solvable Leibniz algebras with triangular nilradicals, *Linear Algebra and its Applications*, vol. 466, 2015, 530-546, Impact Factor – 1.011
45. Omirov B.A., Rozikov U.A., Tulenbayev K.M. On real chains of evolution algebras, *Linear and Multilinear algebra*, vol. 63(1), 2015, 586 - 600, Impact Factor - 0.727
46. Khudoyberdiyev A.Kh., Omirov B.A., Qaralleh I. Few remarks on evolution algebras, *Journal of Algebra and its Applications*, vol.14(4), 2015, p. 1550053 (16 pages), Impact Factor - 0.342

2014:

47. Khudoyberdiyev A.Kh., Ladra M., Omirov B.A. On solvable Leibniz algebras whose nilradical is a direct sum of null-filiform algebras, *Linear and Multilinear algebra*, vol. 62(9), 2014, 1220 - 1239, Impact Factor - 0.727
48. Dzhumadil'daev A.S., Omirov B.A., Rozikov U.A. On a class of evolution algebras of "chicken" population, *International Journal of Mathematics*, vol. 25(8), 2014, p. 1450073, pp. 19, Impact Factor - 0.559
49. Khudoyberdiyev A.Kh., Omirov B.A. Infinitesimal deformations of naturally graded filiform Leibniz algebras, *Journal of Geometry and Physics*, vol. 86, 2014, 149–163, Impact Factor - 1.055
50. Mukhamedov F., Omirov B.A., Saburov M. On cubic equations over p-adic field, *International Journal of Number Theory*, vol. 10(5), 2014, 1171–1190, Impact Factor - 0.346
51. Ladra M., Omirov B.A., Rozikov U.A. Dibaric and evolution algebras in biology, *Lobachevskii Journal of Mathematics*, 2014, vol. 35(3), 198–210.
52. Casas J.M., Omirov B.A., Rozikov U.A. Solvability criteria for the equation $x^q=a$ in the field of p-adic numbers, *Bulletin of the Malaysian Mathematical Sciences Society*, vol. 37(3), 2014, 853-863, Impact Factor - 0.779
53. Khudoyberdiyev A.Kh., M. Ladra, Omirov B.A. The classification of non-characteristically nilpotent filiform Leibniz algebras, *Journal of Algebras and Representation Theory*, vol. 17 (3), 2014, 945-969. Impact Factor - 0.595.
54. Casas J.M., Ladra M., Omirov B.A., Rozikov U.A. On evolution algebras, *Algebra Colloquium*, vol. 21(2), 2014, 331-342, Impact Factor – 0.237
55. Gómez-Vidal S., Omirov B.A., Khudoyberdiyev A.Kh. Some remarks on semisimple Leibniz algebras, *Journal of Algebra*, vol. 410, 2014, 526 - 540, Impact Factor - 0.613.
56. Masutova K.K., Omirov B.A. Some null-filiform algebras, *Ukrainian Mathematical Journal*, vol. 66(4), 2014, 482 - 492, Impact Factor - 0.154

57. Camacho L.M., Cañete E.M., Gómez J.R., Omirov B.A. P-filiform Leibniz algebras of maximum length, *Linear Algebra and its Applications*, vol. 450, 2014, 316-333, Impact Factor – 1.011

2013:

58. Gago F., Ladra M., Omirov B.A. Turdibaev R.M. Some radicals, Frattini and Cartan subalgebras of Leibniz n -algebras, *Linear and Multilinear algebra*, vol. 61(11), 2013, 1510-1527, Impact Factor - 0.727

59. Khudoyberdiyev A. Kh., Omirov B. Infinitesimal deformations of null-filiform Leibniz superalgebras, *Journal of Geometry and Physics*, vol. 74, 2013, 370 - 380, Impact Factor - 1.055.

60. Khudoyberdiyev A. Kh., Omirov B.A. The classification of algebras of level one, *Linear Algebra and its Applications*, vol. 439, 2013, 3460–3463, Impact Factor – 1.011

61. Casas J. M., Khudoyberdiyev A. Kh., Ladra M., Omirov B. A. On the degenerations of solvable Leibniz algebras, *Linear algebra and its Applications*, vol. 439(2), 2013, 472-487, Impact Factor – 1.011

62. Camacho L.M., Gómez J.R., Omirov B.A., Khudoyberdiyev A.Kh. Complex nilpotent Leibniz superalgebras with nilindex equal to dimension. *Comm. Algebra*, vol. 41(7), 2013, 2720 - 2735, Impact Factor - 0.347

63. Camacho L.M., Gómez J.R., Omirov B.A., Turdibaev R.M. Some properties of evolution algebras, *Bulletin of Korean Mathematical Society*, vol. 50(5), 2013, 1481–1494. Impact Factor - 0.244

64. Fialowski A., Khudoyberdiyev A.Kh., Omirov B.A. A characterization of nilpotent Leibniz algebras, *Algebras and Representation Theory*, 2013, vol. 16(5), 2013, 1489-1505. Impact Factor - 0.595

65. Rakhimov I.S., Omirov B.A., Turdibaev R.M. On description of Leibniz algebras corresponding to sl_2 . *Algebras and Representation Theory*, vol. 16(5), 2013, 1507 - 1519. Impact Factor - 0.595

66. Mukhamedov F.M, Omirov B.A., Saburov M.Kh., Masutova K.K. On solvability of cubic equations in the set of integer p -adic numbers ($p > 3$), *Siberian Mathematical Journal*, vol. 54(3), 2013, 501-516, Impact Factor – 0.365

67. Casas J.M., Ladra M., Omirov B.A., Rozikov U.A. On nilpotent index and dibaricity of evolution algebras, *Linear algebra and its Applications*, vol. 439, 2013, 90-105. Impact Factor – 1.011

68. Ladra M., Omirov B.A., Rozikov U.A. Classification of p -adic 6-dimensional filiform Leibniz algebras by solution of $x^q = a$, *Cent. Eur. J. Math.*, vol. 11(6), 2013, 1083-1093, Impact Factor - 0.440

69. Masutova K.K., Omirov B.A., Khudoyberdiyev A.Kh. Naturally graded Leibniz algebras with characteristic sequence equal to $(n-m, m)$, *Mathematical Notes*, vol. 93(5), 2013, 755-772, Impact Factor - 0.295

70. Casas J.M., Ladra M., Omirov B.A., Karimjanov I.A. Classification of solvable Leibniz algebras with naturally graded filiform nilradical, *Linear*

algebra and its Applications, vol. 438(7), 2013, 2973-3000, Impact Factor – 1.011

71. Camacho L.M., Cañete E.M., Gómez-Vidal S., Omirov B.A. p-Filiform Zinbiel algebras, Linear algebra and its Applications, vol. 438, 2013, 2958-2972, Impact Factor – 1.011

72. Casas J.M., Ladra M., Omirov B.A., Karimjanov I.A. Classification of solvable Leibniz algebras with null-filiform nilradical, Linear and Multilinear algebra, vol. 61(6), 2013, 758 – 774, Impact Factor - 0.727.

2012:

73. Camacho L.M., Gómez J.R., Omirov B.A., Turdibaev R.M. The derivations of some evolution algebras, Linear and Multilinear Algebra, vol. 61(3), 2012, 309-322, Impact Factor – 0.727

74. Camacho L., Gómez J.R., Khudoyberdiyev A.Kh., Omirov B.A. On the description of Leibniz superalgebras of nilindex $n+m$. Forum Mathematicum, vol. 24(4), 2012, 809-826, Impact Factor - 0.607

75. Camacho L.M., Casas J.M., Gómez J.R., Ladra M., Omirov B. A. On Nilpotent Leibniz n -algebras, Journal Algebra Applications, vol. 11(2), 2012, Impact Factor - 0.483

2011:

76. Camacho L.M., Cañete E.M., Gómez J.R., Omirov B.A. Quasi-filiform Leibniz algebras of maximum length. Siberian Mathematical Journal, vol. 52(5), 2011, 840-853, Impact Factor - 0.365

77. Camacho L.M., Cañete E.M., Gómez J.R., Omirov B.A. 3-filiform Leibniz algebras of maximum length, whose naturally graded algebras are Lie algebras, Linear and Multilinear Algebra, vol. 59(9), 2011, 1039-1058, Impact Factor – 0.727

78. Cabezas J.M., Camacho L.M., Gómez J.R., Omirov B.A. On the description of the Leibniz algebras with nilindex $n-3$, Acta Mathematica Hungarica, vol. 133(3), 2011, 203-220, Impact Factor - 0.456

79. Camacho L., Gómez J.R., A. J. González, Omirov B.A. The classification of naturally graded p-filiform Leibniz algebras. Com. Algebra, vol. 39(1), 2011, 153–168, Impact Factor – 0.347

2010:

80. Camacho L., Gómez J.R., González A.R., Omirov B.A. Naturally graded 2-filiform Leibniz algebras. Comm. Algebra, vol. 38(10), 2010, 3671-3685, Impact Factor - 0.347

81. Khudoyberdiyev A.Kh., Kurbanbaev T.K., Omirov B.A. Classification of three-dimensional solvable p-adic Leibniz algebras. P-adic Numbers, Ultrametric Analysis and Application, vol. 2(3), 2010, 207-221.

82. Camacho L.M., Gómez J.R., Navarro R.M., Omirov B.A. Classification of some nilpotent class of Leibniz superalgebras, Acta Math. Sinica (English Series), vol. 26(5), 2010, 799-816, Impact Factor - 0.470

83. Camacho L., Gómez J.R., Omirov B.A. Naturally graded $(n-3)$ -filiform Leibniz algebras. *Linear Algebra Appl.*, vol. 433(2), 2010, 433-446, Impact Factor – 1.011
84. Gómez J.R., Khudoyberdiyev A.Kh., Omirov B.A. The classification of Leibniz superalgebras of nilindex $n+m$ ($m \neq 0$). *Journal Algebra*, 2010, vol. 324(10), 2786-2803. Impact Factor - 0.613
85. Adashev J.Q., Khudoyberdiyev A.Kh., Omirov B.A. Classifications of some classes of Zinbiel algebras. *J. Gener. Lie Theory and Appl.*, vol. 4(1), 2010, 3-13.

2009:

86. Omirov B.A., Rakhimov I.S. On Lie-like filiform Leibniz algebras, *Bull. Australian Math. Soc.*, vol. 79(3), 2009, 391-404. Impact Factor - 0.545
87. Albeverio S., Khudoyberdiyev A.Kh., Omirov B.A. On the classification of complex Leibniz superalgebras with characteristic sequence $(n-1, |m_1, \dots, m_k)$ and nilindex $n+m$. *J. Algebra Appl.*, vol. 8(4), 2009, 461-475. Impact Factor - 0.483
88. Albeverio S., Ayupov Sh.A., Omirov B.A., Turdibaev R.M. Cartan subalgebras of Leibniz n -algebras. *Comm. Algebra*, vol. 37(6), 2009, 2080-2096. Impact Factor -0.347
89. Adashev J.Q., Khudoyberdiyev A.Kh., Omirov B.A. Classification of complex naturally graded quasi-filiform Zinbiel algebras. *Contemporary Math.*, vol. 483, 2009, 1-11.
90. Camacho L., Gómez J.R., González A.R., Omirov B.A. Naturally graded quasi-filiform Leibniz algebras. *J. Symbol. Comp.*, vol. 44, 2009, 527-539. Impact Factor – 0.707
91. Ayupov Sh.A., Omirov B.A., Khudoyberdiyev A. Kh. The classification of filiform Leibniz superalgebras of nilindex $n+m$, *Acta Mathematica Sinica (English Series)*, vol. 25(2), 2009, 171-190. Impact Factor - 0.470

2008:

92. Albeverio S., Ayupov Sh. A., Omirov B. A., Khudoyberdiyev A.Kh. n -dimensional filiform Leibniz algebras of length $(n-1)$ and their derivations. *Journal Algebra*, 319(6), 2008, 2471 - 2488. Impact Factor - 0.613

2006:

93. Albeverio S., Omirov B.A, Rakhimov I.S. Classification of 4-dimensional nilpotent complex Leibniz algebras. *Extracta Math.*, vol. 21(3), 2006, 197-210.
94. Omirov B.A. Thin Leibniz algebras. *Math. Zametki (Moscow)*, vol. 80(1), 2006, 251-261 (english version: *Math. Notes*, vol. 80(2), 2006, 244-253). Impact Factor - 0.295
95. Omirov B.A. On transformations of complex filiform Leibniz algebras. *DAN Ruz.*, vol. 1, 2006, 3-6.

96. Omirov B.A. Conjugacy of Cartan subalgebras of complex finite dimensional Leibniz algebras. *Journal Algebra*, vol. 302, 2006, 887-896. Impact Factor - 0.613
97. Albeverio S., Ayupov. Sh.A., Omirov B.A. Cartan subalgebras, weight spaces and criterion of solvability of finite dimensional Leibniz algebras. *Rev. Mat. Complut.*, vol. 19(1), 2006, 183-195. Impact Factor - 0.667

2005:

98. Albeverio S, Omirov B.A., Rakhimov I.S. Varieties of nilpotent complex Leibniz algebras of dimensions less than five. *Comm. Algebra*, vol. 33(5), 2005, 1575-1585. Impact Factor - 0.347
99. Omirov B.A. The classification of eight-dimensional complex filiform Leibniz algebras. *Uzbek Math. Journal*, vol. 3, 2005, 63-71.
100. Omirov B.A. On regular elements and Cartan subalgebras of complex finite dimensional Leibniz algebras. *Uzbek Math. Journal*, vol. 2, 2005, 50-57.
101. Omirov B.A. On the derivations filiform Leibniz algebras. *Math. Zametki (Moscow)*, vol. 77(5), 2005, 733-742 (english version: *Math. Notes*, vol. 77(5-6), 2005, 677-685). Impact Factor – 0.295
102. Albeverio S., Ayupov. Sh.A., Omirov B.A. On nilpotent and simple Leibniz algebras. *Comm. Algebra*, vol. 33, 2005, 159-172. Impact Factor – 0.347

2004:

103. Ayupov Sh.A., Omirov B.A. The nilpotency properties of the Leibniz algebra $M_n(\mathbb{C})_D$. *Siberian Math. J.*, vol. 45(3), 2004, 399-409. Impact Factor – 0.365
104. Omirov B.A. The classification of filiform complex Leibniz algebras of maximal length. *DAN RUz.*, vol. 5, 2004, 9-12.
105. Omirov B.A. The description of the irreducible components of the nilpotent complex Leibniz algebras varieties of dimension four. *Uzbek Math. J.*, vol. 1, 2004, 69-74.

2003:

106. Omirov B.A., Rakhimov I.S. Degenerations of 3-dimensional nilpotent Leibniz algebras. *Uzbek Math. J.*, vol. 3-4, 2003, 81-85.

2002:

107. Omirov B.A. Classification of 2-dimensional complex Zinbiel algebras. *Uzbek Math. J.*, vol. 2, 2002, 55-59.

2001:

108. Ayupov Sh.A., Omirov B.A. On some classes of nilpotent Leibniz algebras. *Siberian Math. J.*, vol. 42(1), 2001, 15-24. Impact Factor - 0.365

1999:

109. Ayupov Sh.A., Omirov B.A. On 3-dimensional Leibniz algebras. *Uzbek Math. J.*, vol. 1, 1999, 9-14.

110. Ayupov Sh.A., Omirov B.A. Description of finite dimensional complex nilpotent Leibniz algebras with maximal nilindex. Dokl. AN RUz, vol. 2, 1999, 3-7.

1998:

111. Ayupov Sh.A., Omirov B.A. On Leibniz algebras. Algebra and operators theory, proceeding of the colloquium in Tashkent 1997. Kluwer Academic Publishers 1998, 1-13.

1997:

112. Ayupov Sh.A., Omirov B.A. On one case of degeneration of Leibniz algebras. Dokl. AN RUz, vol. 6, 1997, 3-6.