

**СПИСЪК НА ПУБЛИКАЦИИТЕ**  
**на чл.-кор. Веселин Дренски**

**с брой на цитатите**  
**и импакт-фактора на списанията, където са публикувани**

**Дисертации:**

1. **В.С. Дренски**, *Разрешимые многообразия алгебр Ли*, канд. дис., Москва, МГУ, 1979.  
**3+(1+0+0) цитата**
2. **В.С. Дренски**, *Комбинаторен подход към алгебрите с полиноми тждества*, докт. дис., ИМИ на БАН, София, 1998.

**Статии:**

1. **В.С. Дренски**, *О тождествах в алгебрах Ли*, Алгебра и логика **13** (1974), 265-290.  
**36+(3+1+3) цитата**
2. **В.С. Дренски**, *Тождества в матричных алгебрах Ли*, Тр. Семинара им. И.Г.Петровского **6** (1981), 47-55.  
**5 цитата**
3. **В.С. Дренски**, *Представления симметрической группы и многообразия линейных алгебр*, Мат. сб. **115** (1981), 98-115.  
**47+(3+1+3) цитата** 0.034
4. **В.С. Дренски**, *Минимальный базис тождеств матричной алгебры второго порядка над полем характеристики 0*, Алгебра и логика **20** (1981), 282-290.  
**44+(2+10+11) цитата**
5. **В.С. Дренски**, *О решетках многообразий ассоциативных алгебр*, Сердика **8** (1982), 20-31.  
**13+(0+0+1) цитата**
6. **V. Drensky**, *Polynomial identities in simple Jordan algebras*, Докл. БАН **35** (1982), 1327-1330.  
**3+(0+1+0) цитата** 0.122
7. **В.С. Дренски**, *О бесконечно базлируемых многообразиях алгебр Ли*, Сердика **9** (1983), 79-82.  
**1 цитат**
8. **В.С. Дренски**, *Разрешимые A-алгебры Ли*, Сердика **9** (1983), 132-135.  
**2+(1+0+0) цитата**
9. **V. Drensky, A. Kasparian**, *Some polynomial identities of matrix algebras*, Докл. БАН **36** (1983), 565-568.  
**3 цитата** 0.091
10. **V. Drensky, A. Kasparian**, *Polynomial identities of eighth degree for 3 x 3 matrices*, Годишник на СУ "Климент Охридски", Фак. матем. и мех., книга 1, мат. **77** (1983), 175-195.  
**8+(0+4+3) цитата**
11. **V. Drensky**, *Codimensions of T-ideals and Hilbert series of relatively free algebras*, J. Algebra **91** (1984), 1-17.  
**60+(1+2+1) цитата** 0.389

12. **V. Drensky**, *On the Hilbert series of relatively free algebras*, Comm. Algebra **12** (1984), 2335-2347.  
**9 цитата+(1+0+0) 0.406**
13. **V. Drensky**, *On the identities of the three-dimensional simple Jordan algebra*, Годишник на СУ "Климент Охридски", Фак. матем. и мех., книга 1, мат. **78** (1984), 53-67.  
**1 цитат**
14. **V. Drensky, A. Kasparian**, *A new central polynomial for 3 x 3 matrices*, Comm. Algebra **13** (1985), 745-752.  
**6+(0+1+2) цитата 0.406**
15. **V. Drensky**, *T-ideals containing all matrix polynomial identities*, Comm. Algebra **13** (1985), 2037-2072.  
**7+(0+1+0) цитата 0.406**
16. **V. Drensky**, *A note on the polynomial identities of third degree*, Матем. и матем. образование, Доклади на 14-та пролетна конф. на СМБ, Сл. бряг, 6-9 април 1985, София, 1985, 245-250.
17. **В.С. Дренски**, *Слабые тождества в алгебре симметрических матриц второго порядка*, Плиска **8** (1986), 77-84.  
**1 цитат**
18. **В.С. Дренски, П.Е. Кошлуков**, *О левых T-идеалах с малым ростом последовательности коразмерностей*, Плиска **8** (1986), 94-100.  
**2 цитата**
19. **Л.А. Владимирова, В.С. Дренски**, *Многообразия ассоциативных алгебр с тождеством третьей степени*, Плиска **8** (1986), 144-157.  
**2 цитата**
20. **V. Drensky**, *Varieties of metabelian Lie algebras over finite fields*, Плиска **8** (1986), 182-191.  
**1 цитат**
21. **V. Drensky**, *Torsion in the additive group of relatively free Lie rings*, Bull. Austral. Math. Soc. **33** (1986), 81-87.  
**0.196**
22. **V. Drensky, L.A. Vladimirova**, *Varieties of pairs of algebras with a distributive lattice of subvarieties*, Сердика **12** (1986), 166-170.  
**1 цитат**
23. **V. Drensky**, *Polynomial identities of finite dimensional algebras*, Сердика **12** (1986), 209-216.  
**4 цитата**
24. **V. Drensky**, *Sur les identités polynomiales de l'algèbre de Lie des matrices d'ordre deux*, Докл. БАН **39** (1986), No. 10, 17-20.  
**0.091**
25. **V. Drensky**, *Polynomial identities for the Jordan algebra of a symmetric bilinear form*, J.Algebra **108** (1987), 66-87.  
**12+(0+1+0) цитата 0.442**
26. **Ю.А. Бахтурин, В.С. Дренски**, *Тождества разрешимых цветных супералгебр Ли*, Алгебра и логика **26** (1987), 403-418.  
**9 цитата**

27. **V. Drensky, P.E. Koshlukov**, *Weak polynomial identities for a vector space with a symmetric bilinear form*, Матем. и матем. образование, Доклады на 16-та пролетна конф. на СМБ, Сл. бряг, 6-10 април 1987, София, 1987, 213-219.  
**1+(1+0+0) цитата**
28. **В.С. Дренски**, *Экстремальные многообразия алгебр. I*, Сердика **13** (1987), 320-332.  
**15+(0+1+0) цитата**
29. **В.С. Дренски**, *Экстремальные многообразия алгебр. II*, Сердика **14** (1988), 20-27.  
**11+(0+1+0) цитата**
30. **В.С. Дренски**, *Явные формулы коразмерностей некоторых T-идеалов*, Сиб. мат. ж. **29** (1988) No. 6, 30-36.  
**1 цитат** 0.097
31. **V. Drensky**, *The isomorphism problem for modular group algebras of groups with large centres*, Contemp.Math. **93** (1989), 145-153.  
**5 цитата**
32. **V. Drensky, P. Lakatos**, *Monomial ideals, group algebras and error correcting codes*, in "Applied Algebra, Algebraic Algorithms and Error-Correcting Codes"; Ed. T. Mora, Lect. Notes in Comp. Sci. **357**, 181-188, Springer, 1989.  
**14+(1+1+1) цитата** 0.273
33. **V. Drensky, Ts.G. Rashkova**, *Varieties of metabelian Jordan algebras*, Сердика **15** (1989), 293-301.  
**1 цитат**
34. **V. Drensky, C.K. Gupta**, *Automorphisms of free nilpotent Lie algebras*, Canad. J. Math. **17** (1990), 259-279.  
**11+(1+0+0) цитата** 0.373
35. **V. Drensky, P.E. Koshlukov**, *Polynomial identities of Jordan algebras of degree two*, J. Indian Math. Soc. **55** (1990), 1-30.  
**1 цитат**
36. **V. Drensky**, *Automorphisms of relatively free algebras*, Comm. Algebra **18** (1990), 4323-4351.  
**6 цитата** 0.257
37. **L. Carini, V. Drensky**, *The Hilbert series of the polynomial identities for the tensor square of the Grassmann algebra*, Rendiconti del Circolo Matematico di Palermo, Ser. II **40** (1991), 470-479.  
**1 цитат**
38. **V. Drensky**, *Relations for the cocharacter sequences of T-ideals*, Proc. of the International Conference on Algebra Honoring A. Malcev, Contemp. Math. **131** (1992) (Part 2), 285-300.  
**15+(0+0+2) цитата**
39. **V. Drensky, M.L. Racine**, *Distinguishing simple Jordan algebras by means of polynomial identities*, Comm. Algebra **20** (1992), 309-327.  
**4+(2+2+0) цитата** 0.269
40. **V. Drensky**, *Wild automorphisms of free nilpotent-by-abelian Lie algebras*, Manuscr. Math. **74** (1992), 133-141.  
0.276
41. **V. Drensky**, *Tame primitivity for free nilpotent algebras*, C.R. Math. Rep. Acad. Sci. Canada (Math. Reports of the Acad. of Sci.) **14** (1992), No. 1, 19-24.

42. **V. Drensky, Ts.G. Rashkova**, *Weak polynomial identities for the matrix algebras*, Comm. Algebra **21** (1993), 3779-3795.  
3+(0+0+1) цитата 0.306
43. **R.M. Bryant, V. Drensky**, *Obstructions to lifting automorphisms of free algebras*, Comm. Algebra **21** (1993), 4361-4389.  
5 цитата 0.306
44. **R.M. Bryant, V. Drensky**, *Dense subgroups of the automorphism groups of free algebras*, Canad. J. Math. **45** (1993), 1135-1154.  
6 цитата 0.374
45. **O.M. Di Vincenzo, V. Drensky**, *Polynomial identities for tensor products of Grassmann algebras*, Math. Panonica **4/2** (1993), 249-272.  
2+(0+2+0) цитата
46. **V. Drensky**, *Finite generation of invariants of finite linear groups acting on relatively free algebras*, Lin. and Multilin. Algebra **35** (1993), 1-10.  
1+(0+0+1) цитата
47. **V. Drensky, A. Giambruno**, *Cocharacters, codimensions and Hilbert series of the polynomial identities for 2 x 2 matrices with involution*, Can. J. Math. **46** (1994), 718-733.  
27+(0+3+0) цитата 0.336
48. **V. Drensky**, *Fixed algebras of residually nilpotent Lie algebras*, Proc. Amer. Math. Soc. **120** (1994), 1021-1028.  
9 цитата 0.236
49. **L. Carini, V. Drensky**, *Plethysms for representations of Lie superalgebras with applications to P.I. algebras*, Lin. and Multilin. Algebra **37** (1994), 239-258.  
1 цитат
50. **V. Drensky, G.M. Piacentini Cattaneo**, *A central polynomial of low degree for 4 x 4 matrices*, J. Algebra **168** (1994), 469-478.  
2+(0+1+1) цитата 0.468
51. **V. Drensky**, *New central polynomials for the matrix algebra*, Israel J. Math. **92** (1995), 235-248.  
5+(0+3+2) цитата 0.545
52. **V. Drensky, A. Giambruno**, *On the \*-polynomial identities of minimal degree for matrices with involution*, Boll. Unione Mat. Ital. (7) **9-A** (1995), 471-482.  
10+(0+1+0) цитата 0.079
53. **O.M. Di Vincenzo, V. Drensky**, *The basis of the graded polynomial identities for superalgebras of triangular matrices*, Comm. Algebra **24** (1996), 727-735.  
1+(0+0+2) цитата 0.342
54. **V. Drensky, A. Regev**, *Exact asymptotic behaviour of the codimensions of some P.I. algebras*, Israel J. Math. **96** (1996), 231-242.  
13+(0+1+1) цитата 0.507
55. **V. Drensky**, *Identities of representations of nilpotent Lie algebras*, Comm. Algebra **25** (1997), 2115-2127.  
6+(1+1+0) цитата 0.267
56. **V. Drensky, C.K. Gupta**, *New automorphisms of generic matrix algebras and polynomial algebras*, J. Algebra **194** (1997), 408-414.  
1 цитат 0.365

57. **V. Drensky, J.-T. Yu**, *Test polynomials for automorphisms of polynomial and free associative algebras*, J. Algebra **207** (1998), 491-510.  
3+(0+0+1) цитата 0.422
58. **M. Domokos, V. Drensky**, *A Hilbert-Nagata theorem in noncommutative invariant theory*, Trans. Amer. Math. Soc. **350** (1998), 2797-2811.  
1 цитат 0.625
59. **V. Drensky, D. Tsiganchev**, *New polynomial identities for  $2 \times 2$  generic matrices in characteristic 2*, J. Pure Appl. Algebra **133** (1998), 83-91.  
0.370
60. **V. Drensky, D. Stefanov**, *Automorphisms of free nilpotent associative algebras*, Math. Pannon. **9/1** (1998), 71-90.
61. **V. Drensky, J.-T. Yu**, *Orbits in free algebras of rank two*, Comm. Algebra **26** (1998), 1895-1906.  
1+(0+0+1) цитата 0.242
62. **V. Drensky, J.-T. Yu**, *Exponential automorphisms of polynomial algebras*, Comm. Algebra **26** (1998), 2977-2985.  
5+(1+2+0) цитата 0.242
63. **F. Benanti, V. Drensky**, *On the consequences of the standard polynomial*, Comm. Algebra **26** (1998), 4243-4275.  
1+(0+0+1) цитата 0.242
64. **V. Drensky, J. Gutierrez, J.-T. Yu**, *Gröbner bases and the Nagata automorphism*, J. Pure Appl. Algebra **135** (1999), 135-153.  
3 цитата 0.440
65. **Ts. Rashkova, V. Drensky**, *Identities of representations of Lie algebras and \*-polynomial identities*, Rendiconti del Circolo Matematico di Palermo, Ser. II **48** (1999), 153-162.
66. **F. Benanti, V. Drensky**, *Polynomial identities of nil algebras of bounded index*, Bollettino U.M.I. (8) **2-B** (1999), 673-691.  
0.096
67. **V. Drensky, C.K. Gupta**, *Lie automorphisms of the algebra of two generic  $2 \times 2$  matrices*, J. Algebra **224** (2000), 336-355.  
(1+0+0) цитата 0.534
68. **V. Drensky, G.M. Piacentini Cattaneo**, *Invariants of universal enveloping algebras of relatively free Lie algebras*, J. Algebra **225** (2000), 261-274.  
0.534
69. **T. Asparouhov, V. Drensky, P. Koev, D. Tsiganchev**, *Generic  $2 \times 2$  matrices in positive characteristic*, J. Algebra **225** (2000), 451-486.  
3 цитата 0.534
70. **V. Drensky, A. van den Essen, D. Stefanov**, *New stably tame automorphisms of polynomial algebras*, J. Algebra **226** (2000), 629-638.  
2 цитата 0.534
71. **V. Drensky, V. Shpilrain, J.-T. Yu**, *On the density of the set of generators of a polynomial algebra*, Proc. Amer. Math. Soc. **128** (2000), 3465-3469.  
1+(0+1+0) цитата 0.394
72. **V. Drensky, A.I. Papistas**, *Gelfand-Kirillov dimension for automorphism groups of relatively free algebras*, Algebra Colloq. **7** (2000), 281-290.  
0.089

73. **V. Drensky, J.-T. Yu**, *Tame and wild coordinates of  $K[z][x,y]$* , Trans. Amer. Math. Soc. **353** (2001), 519-537.  
**11+(1+1+0) цитата** 0.600
74. **V. Drensky, A.I. Papistas**, *Growth of automorphism groups of relatively free groups*, Algebra Colloq. **8** (2001), 159-168.  
0.188
75. **V. Drensky**, *Automorphisms of the enveloping algebra of the three-dimensional nilpotent Lie algebra*, Comm. Algebra **29** (2001), 1639-1647.  
0.320
76. **M. Domokos, V. Drensky**, *Gröbner bases for the rings of invariants of special orthogonal and  $2 \times 2$  matrix invariants*, J. Algebra **243** (2001), 706-716.  
**(0+0+1) цитата** 0.501
77. **V. Drensky, G.M. Piacentini Cattaneo**, *Varieties of metabelian Leibniz algebras*, J. Algebra and its Applications **1** (2002), No. 1, 31-50.  
**3 цитата**
78. **V. Drensky, J.-T. Yu**, *Retracts and test polynomials of polynomial algebras*, Докл. БАН **55** (2002), No. 7, 11-14.
79. **Yu. Bahturin, V. Drensky**, *Graded polynomial identities of matrices*, Linear Algebra and its Appl. **357** (2002), 15-34.  
**23+(1+3+0) цитата** 0.462
80. **V. Drensky, J.-T. Yu**, *Primitive elements of free metabelian algebras of rank two*, International J. Algebra and Computations **13** (2003), No. 1, 17-33.  
**1 цитат** 0.457
81. **V. Drensky**, *Defining relations for the algebra of invariants of  $2 \times 2$  matrices*, Algebras and Representation Theory **6** (2003), No. 2, 193-214.  
**6+(2+2+2) цитата** 0.773
82. **V. Drensky, G.K. Genov**, *Multiplicities of Schur functions in invariants of two  $3 \times 3$  matrices*, J. Algebra **264** (2003), No. 2, 496-519.  
**4 цитата** 0.492
83. **O.M. Di Vincenzo, V. Drensky, V. Nardoza**, *Subvarieties of the varieties generated by the superalgebra  $M_{11}(E)$  or  $M_2(\mathcal{K})$* , Comm. Algebra **31** (2003), No. 1, 437-461.  
**2+(0+3+0) цитата** 0.287
84. **V. Drensky, G.M. Piacentini Cattaneo**, *Free nilpotent-by-abelian Leibniz algebras*, in "Ring Theory: Polynomial Identities and Combinatorial Methods, Proc. of the Conf. in Pantelleria"; Eds. A. Giambruno, A. Regev, and M. Zaicev, Lect. Notes in Pure and Appl. Math. **235**, Dekker, 2003, 237-260.
85. **Yu.A. Bahturin, V. Drensky**, *Identities of bilinear mappings and graded polynomial identities of matrices*, Linear Algebra and its Appl. **369** (2003), 95-112.  
**3 цитата** 0.656
86. **V. Drensky, L. Gerritzen**, *Nonassociative exponential and logarithm*, J. Algebra **272** (2004), No. 1, 311-320.  
**(0+2+0) цитата** 0.554
87. **O.M. Di Vincenzo, V. Drensky, V. Nardoza**, *Algebras satisfying the polynomial identity  $[x_1, x_2][x_3, x_4, x_5]=0$* , J. Algebra and its Applications **3** (2004), No. 2, 121-142.  
**1+(0+1+0) цитата** 0.443

88. **V. Drensky**, *Invariants of unipotent transformations acting on noetherian relatively free algebras*, Сердика **30** (2004), Nos. 2-3, 395-404.
89. **V. Drensky, L. Hammoudi**, *Combinatorics of words and semigroup algebras which are sums of locally nilpotent subalgebras*, Canad. Math. Bull. **47** (2004), No. 3, 343-353.  
1 цитат 0.407
90. **V. Drensky, A.I. Papistas**, *Automorphisms of free left nilpotent Leibniz algebras and fixed points*, Comm. Algebra **33** (2005), 2957-2975.  
0.303
91. **V. Drensky**, *Coordinates in ideals of polynomial algebras*, in "Proceedings of the Special Session on Affine Algebraic Geometry"; Eds. J. Gutierrez, V. Shpilrain, J.-T. Yu, Contemp. Math. **369** (2005), 85-95.
92. **V. Drensky, G.K. Genov**, *Multiplicities in the trace cocharacter sequence of two 4 x 4 matrices*, Mediterr. J. Math. **2** (2005), 231-241.  
2 цитата
93. **V. Drensky, J.-T. Yu**, *Automorphisms fixing a variable of  $K\langle x, y, z \rangle$* , J. Algebra **291** (2005), 250-258.  
0.459
94. **V. Drensky, C.K. Gupta**, *Constants of Weitzenböck derivations and invariants of unipotent transformations acting on relatively free algebras*, J. Algebra **292** (2005), 393-428.  
1 цитат 0.459
95. **H. Aslaksen, V. Drensky, L. Sadikova**, *Defining relations of invariants of two 3 x 3 matrices*, J. Algebra **298** (2006), 41-57.  
6+(1+3+1) цитата 0.568
96. **V. Drensky, G.K. Genov, A. Valenti**, *Multiplicities in the mixed trace cocharacter sequence of two 3 x 3 matrices*, International J. Algebra and Computations **16** (2006), No. 2, 275-285.  
1+(1+0+0) цитата 0.357
97. **F. Benanti, V. Drensky**, *Defining relations of noncommutative trace algebra of two 3 x 3 matrices*, Adv. Appl. Math. **37** (2006), No. 2, 162-182.  
0.764
98. **V. Drensky, L. Sadikova**, *Generators of invariants of two 4 x 4 matrices*, Докл. БАН **59** (2006), No. 5, 477-484.  
7+(1+1+1) цитата
99. **V. Drensky, R. La Scala**, *Gröbner bases of ideals invariant under endomorphisms*, J. Symbol. Comp. **41** (2006) No. 7, 835-846.  
2+(1+0+0) цитата 0.641
100. **V. Drensky, R. Holtkamp**, *Constants of formal derivatives of non-associative algebras, Taylor expansions and applications*, Rendiconti del Circolo Matematico di Palermo, Ser. II **55** (2006), 369-384.  
1 цитат
101. **V. Drensky, J.-T. Yu**, *Automorphic equivalence problem for free associative algebras of rank two*, International J. Algebra and Computations **17** (2007), No. 2, 221-234.  
0.414
102. **V. Drensky, J.-T. Yu**, *The strong Anick conjecture is true*, J. European Math. Soc. **9** (2007), No. 4, 659-679.  
3 цитата 1.040

103. **V. Drensky, J.-T. Yu**, *Tame automorphisms fixing a variable of free associative algebras of rank three*, International J. Algebra and Computations **17** (2007), Nos. 5/6, 999-1011. 0.414
104. **V. Drensky, J.-T. Yu**, *A cancelation conjecture for free associative algebras*, Proc. Amer. Math. Soc. **136** (2008), No. 10, 3391-3394. 0.584
105. **F. Benanti, V. Drensky**, *Defining relations of minimal degree of the trace algebra of  $3 \times 3$  matrices*, J. Algebra **320** (2008), No. 2, 756-782. **2+(1+1+0) цитата** 0.630
106. **V. Drensky, R. Holtkamp**, *Planar trees, free nonassociative algebras, invariants, and elliptic integrals*, Algebra and Discrete Mathematics (2008), No. 2, 1-41. **4+(3+0+0) цитата**
107. **V. Drensky, J.-T. Yu**, *Automorphisms of polynomial algebras and Dirichlet series*, J. Algebra **321** (2009) 292-302. **1 цитат** 0.632
108. **V. Drensky, J.-T. Yu**, *Dimension of automorphisms with fixed degree for free algebras of Nielsen-Schreier varieties*, C.R. Acad. Bulg. Sci. **62** (2009), No. 1, 9-16. 0.204
109. **V. Drensky, R. La Scala**, *Defining relations of low degree of invariants of two  $4 \times 4$  matrices*, International J. Algebra and Computations **19** (2009), No. 1, 107-127. **(0+2+0) цитата** 0.483
110. **V. Drensky, L. Makar-Limanov**, *The Conjecture of Nowicki on Weitzenböck derivations of polynomial algebras*, J. Algebra and Its Applications **8** (2009), No. 1, 41-51. **3 цитата** 0.443
111. **V. Drensky, J.-T. Yu**, *Degree estimate for commutators*, J. Algebra, **322** (2009), No. 7, 2321-2334. **(2+0+0) цитата** 0.632
112. **V. Drensky, J. Szigeti, L. van Wyk**, *Centralizers in endomorphism rings*, J. Algebra, **324** (2010), 3378-3387. 0.615
113. **V. Drensky, J. Szigeti, L. van Wyk**, *Algebras generated by two quadratic elements*, Commun. in Algebra **39** (2011), No. 4, 1344-1355. 0.369



114. **S. Boumova, V. Drensky**, *Cocharacters of polynomial identities of upper triangular matrices*, J. Algebra and its Applications **11** (2012), No. 1, 1250018 (24 pages), DOI: 10.1142/S0219498811005440. 0.402
115. **M. Domokos, V. Drensky**, *Defining relation for semi-invariants of three by three matrix triples*, J. Pure Appl. Algebra **216** (2012), 2098-2105. 0.663
116. **F. Benanti, S. Boumova, V. Drensky, G.K. Genov, P. Koev**, *Computing with rational symmetric functions and applications to invariant theory and PI-algebras*, Serdica Math. J. (to appear).
117. **V. Drensky, Ş. Findik**, *Inner and outer automorphisms of free metabelian nilpotent Lie algebras*, Commun. in Algebra (to appear). **1+(1+1+0) цитата** 0.369
118. **S. Boumova, V. Drensky**, *Algebraic properties of codimension series of PI-algebras*, Israel J. Math. (to appear). **(1+0+0) цитата** 0.630
119. **J.P. Bell, V. Drensky, Y. Sharifi**, *Shirshov's theorem and division rings that are left algebraic over a subfield*, J. Pure Appl. Algebra (to appear). 0.663
120. **C. Chan, V. Drensky, A. Edelman, R. Kan, P. Koev**, *A linear-time algorithm for evaluating series of Schur functions*, preprint. **(1+0+0) цитата**
121. **V. Drensky, Ş. Findik**, *Inner automorphisms of Lie algebras related with generic  $2 \times 2$  matrices*, preprint.
122. **V. Drensky, B. Kostadinov**, *Cocharacters of polynomial identities of block triangular matrices*, preprint.
123. **M. Brešar, V. Drensky**, *Central polynomials for matrices over finite fields*, preprint.
124. **V. Drensky, M. Kassabov**, *Growth of nonmatrix varieties of algebras*, in preparation. **1 цитат**

#### Обзори:

1. **V. Drensky, A.P. Popov**, *Prime varieties of associative algebras*, Матем. и матем. образование, Доклади на 14-та пролетна конф. на СМБ, Сл. бряг, 6-10 април 1987, София, 1987, 35-52. **2 цитата**
2. **V. Drensky**, *Modular group algebras and error correcting codes*, Proc. International Workshop "Algebraic and Combinatorial Coding Theory", Varna, Bulgaria, 18-24 Sept. 1988, Sofia, 1988, 41-48.
3. **V. Drensky**, *Computational techniques for PI-algebras*, Banach Center Publ. **26**, Topics in Algebra, Part 1: Rings and Representations of Algebras, Polish Scientific Publishers, Warsaw, 1990, 17-44. **6+(0+0+1) цитата**
4. **V. Drensky**, *Polynomial identities for  $2 \times 2$  matrices*, Acta Appl. Math. **21** (1990), 137-161. **2+(0+0+1) цитата** 0.466

5. **V. Drensky**, *Methods of commutative algebra in non-commutative ring theory*, Atti dell'Accademia Peloritana dei Pericolanti, Messina, Classe I di Scienze Fis. Mat. e Nat. **70**, 1992 (1994), 239-260.

**(0+0+1) цитата**

6. **V. Drensky**, *Endomorphisms and automorphisms of relatively free algebras*, Supplemento ai Rendiconti del Circolo Matematico di Palermo **31** (1993), 97-132.

**5 цитата**

7. **V. Drensky**, *Commutative and noncommutative invariant theory*, Матем. и матем. образование, Доклади на 24-та пролетна конф. на СМБ, Свищов, 4-7 април 1995, София, 1995, 14-50.

8. **V. Drensky**, *Automorphisms of polynomial, free and generic matrix algebras*, in "Trends in Ring Theory" (Proc. Conf. Miskolc, 1996); Eds. V. Dlab and L. Márki, CMS Conference Proceedings **22**, AMS, Providence, 1998, 13-26.

9. **V. Drensky**, *Gelfand-Kirillov dimension of PI-algebras*, in "Methods in Ring Theory, Proc. of the Trento Conf.", Lect. Notes in Pure and Appl. Math. **198**, Dekker, 1998, 97-113.

**10+(1+1+4) цитата**

10. **V. Drensky, J.-T. Yu**, *Automorphisms and coordinates of polynomial algebras*, in "Combinatorial and Computational Algebra (Hong Kong, 1999)"; Eds. K.Y. Chan, A.A. Mikhalev, M.-K. Siu, J.-T. Yu, and E. Zelmanov, Contemp. Math. **264**, 2000, 179-206.

**(1+0+0) цитата**

11. **F. Benanti, J. Demmel, V. Drensky, P. Koev**, *Computational approach to polynomial identities of matrices - a survey*, in "Ring Theory: Polynomial Identities and Combinatorial Methods, Proc. of the Conf. in Pantelleria"; Eds. A. Giambruno, A. Regev, and M. Zaicev, Lect. Notes in Pure and Appl. Math. **235**, Dekker, 2003, 141-178.

**5+(0+1+0) цитата**

12. **V. Drensky**, *Computing with matrix invariants*, Math. Balk., New Ser. **21** (2007), Nos. 1-2, 101-132.

**6+(4+1+1) цитата**

13. **V. Drensky, J.-T. Yu**, *Coordinates and automorphisms of polynomial and free associative algebras of rank three*, Front. Math. China **2** (2007), No. 1, 13-46.

14. **В. Дренски**, *Алгебри с полиноми тждества и българският принос към тях*, Списание на БАН **120** (2007), No. 6, 34-41.

**(0+1+0) цитата**

#### **Предварителни съобщения:**

1. **В.С. Дренски**, *О тждества в алгебрах Ли*, Докл. БАН **27** (1974), 595-598.

**2 цитата** 0.132

2. **V. Drensky**, *Codimensions of T-ideals and Hilbert series of relatively free algebras*, Докл. БАН **34** (1981), 1201-1204.

**12+(1+0+0) цитата** 0.132

3. **V. Drensky, P.E. Koshlukov**, *Polynomial identities for quadratic Jordan algebras*, Докл. БАН **40** (1987), No. 9, 5-8.

0.091

4. **F. Benanti, V. Drensky**, *Consequences of degree  $n + 2$  of the standard polynomial of degree  $n$* , in "Methods in Ring Theory, Proc. of the Trento Conf.", Lect. Notes in Pure and Appl. Math. **198**, Dekker, 1998, 37-48.

5. **O.M. Di Vincenzo, V. Drensky, V. Nardoza**, *Subvarieties of the variety generated by the  $2 \times 2$  matrix superalgebra*, Докл. БАН **54** (2001), No. 12, 9-12.
6. **V. Drensky, G.K. Genov**, *Multiplicities of Schur functions in invariants of two  $3 \times 3$  matrices*, Докл. БАН **55** (2002), No. 6, 5-10.
7. **V. Drensky, G.K. Genov**, *Multiplicities of Schur functions with applications to invariant theory and PI-algebras*, C.R. Acad. Bulg. Sci. **57** (2004), No. 3, 5-10.

**6 цитата**

8. **H. Aslaksen, V. Drensky, L. Sadikova**, *Defining relations of invariants of two  $3 \times 3$  matrices*, Докл. БАН **58** (2005), No. 6, 617-622.

**1+(0+1+0) цитата**

9. **V. Drensky, J.-T. Yu**, *The strong Anick conjecture*, Proc. Nat. Acad. Sci. **103** (2006), No. 13, 4836-4840.

9.643

10. **F. Benanti, V. Drensky**, *Defining relations of minimal degree of the trace algebra of  $3 \times 3$  matrices*, Докл. БАН **60** (2007), No. 2, 103-110.

**2+(0+1+0) цитата 0.106**

11. **S. Boumova, V. Drensky**, *Cocharacters of polynomial identities of upper triangular matrices*, Proceedings of Twelfth International Workshop on Algebraic and Combinatorial Coding Theory, Sept. 5-11, 2010, Akademgorodok, Novosibirsk, Russia, 69-75.

12. **V. Drensky, Ş. Findik**, *Inner and outer automorphisms of relatively free Lie algebras*, C.R. Acad. Bulg. Sci. **64** (2011), No. 3, 315-324.

0.219

#### Абстракти:

1. **В.С. Дренски**, *О бесконечной базисуемости многообразий коммутативных и антикоммутативных алгебр*, Вестн. Моск. унив. матем., механ. (1977), No. 6, с.118.
2. **В.С. Дренски**, *Тождества в матричных алгебрах Ли*, Вестн. Моск. унив. матем., механ. (1978), No. 4, с.120.

**1 цитат**

3. **V. Drensky**, *Representations of the symmetric group and polynomial identities of simple algebras*, in “Combinatorics, Invariant Theory and Representation Theory of Symmetric Groups”, Tagungsbericht 4/1984, Oberwolfach.
4. **Ю.А. Бахтурин, В.С. Дренски**, *Тождества разрешимых супералгебр Ли*, Вестн. Моск. унив. матем., механ. (1986), No. 4, с. 98.
5. **V. Drensky**, *Automorphisms of relatively free algebras*, Second International Colloquium on Group Theory, Debrecen, 17-21 August 1987, Short Commun. p. 23.
6. **V. Drensky, P.Lakatos**, *Monomial ideals, group algebras and error correcting codes*, Proc. AAЕСС Conf., Rome, July 1988.
7. **V. Drensky**, *Relations for the cocharacter sequences of T-ideals*, Proc. on Theory of Rings, Algebras and Modules, International Malcev Conference, Novosibirsk, 1989, p.176.
8. **V. Drensky**, *Endomorphisms and automorphisms of free algebras*, Third International Colloquium on Group Theory, Debrecen, 13–17 August 1990, Short Commun. p. 18.
9. **V. Drensky, G.M. Piacentini Cattaneo**, *A weak polynomial identity and a central polynomial of low degree for  $4 \times 4$  matrices*, Abstracts of Papers Presented to AMS **14** (1993), No. 6, p. 636.

10. **V. Drensky**, *New central polynomials for the matrix algebras*, Abstracts of Papers Presented to AMS **14** (1993), No. 6, 636-637.
11. **V. Drensky, C.K. Gupta**, *Automorphisms of generic matrix algebras and polynomial algebras*, Abstracts of Ring Theory Conf., Miskolc, July 15-20, 1996, 15-16.
12. **V. Drensky, D. Stefanov**, *Automorphisms of free nilpotent associative algebras*, Abstracts of Ring Theory Conf., Miskolc, July 15-20, 1996, p. 60.
13. **V. Drensky, D. Tsiganchev**, *New polynomial identities for 2 x 2 generic matrices in characteristic 2*, Abstracts of Ring Theory Conf., Miskolc, July 15-20, 1996, 63-64.
14. **F. Benanti, J. Demmel, V. Drensky, P. Koev**, *Computational approach to polynomial identities of matrices*, Abstracts of Internat. Congress MASSEE's 2003, , Borovets, Bulgaria, Sept. 15-21, 2003, 11-12.
15. **V. Drensky**, *Commutative and noncommutative invariant theory of triangular transformations*, Abstracts of Conference and Summer School Algebraic Geometry, Algebra and Applications (AGAAP), , Borovets, Bulgaria, Sept. 23 - Oct. 3, 2003, p. 10.
16. **V. Drensky, L. Hammoudi**, *On combinatorics of words and algebras which are sums of locally nilpotent subalgebras*, Abstracts of Papers Presented to AMS **25** (2004), No. 2, p. 363.
17. **V. Drensky**, *Computing with matrix invariants*, Antalya Algebra Days VII, May 18-22, 2005, Abstracts, 23-24. <http://www.math.metu.edu.tr/~antalya/2005/abstracts/>.
18. **F. Benanti, V. Drensky**, *Defining relations of minimal degree of the trace algebra of 3 x 3 matrices*, Abstracts, New Trends in Mathematics and Informatics, Jubilee International Conference 60 Years Institute of Math. and Inf., Bulg. Acad. of Sci., Sofia, 6-8 July, 2007, p. 11.
19. **V. Drensky, R. Holtkamp**, *Planar trees, free nonassociative algebras, invariants, and elliptic integrals*, Abstracts, New Trends in Mathematics and Informatics, Jubilee International Conference 60 Years Institute of Math. and Inf., Bulg. Acad. of Sci., Sofia, 6-8 July, 2007, p. 13.

#### Статии за енциклопедии:

1. **V. Drensky**, *Specht property*, in "Encyclopaedia of Math. Supplement III", Ed. M. Hazewinkel, Kluwer Acad. Publ., Dordrecht, 2002, 376-377.
2. **V. Drensky**, *The Gelfand-Kirillov dimension*, in "The Concise Handbook of Algebra", Eds. A.V. Mikhalev, G. Pilz, Kluwer Acad. Publ., Dordrecht, 2002, 300-304.

#### Книги:

##### Автор:

1. **V. Drensky**, *Free Algebras and PI-Algebras*, Springer-Verlag, Singapore, 2000.  
**120+(9+21+20) цитата**
2. **V. Drensky, E. Formanek**, *Polynomial Identity Rings*, Advanced Courses in Mathematics, CRM Barcelona, Birkhäuser, Basel-Boston, 2004.  
**33+(3+6+1) цитата**
3. **V. Drensky**, *Combinatorial Approach to Algebras with Polynomial Identities*, preprint.  
**(0+1+0) цитата**

**Редактор:**

1. **V. Drensky, A. Giambruno, S. Sehgal**, *Methods in Ring Theory, Proc. of the Trento Conf.*, Lect. Notes in Pure and Appl. Math. **198**, Dekker, 1998.

**1 цитат**

**Научно-популярни книги:**

1. **В. Дренски**, *Теория на групите*, Библиотека за ученика, Серия “Алеф”, “Народна просвета”, София, 1985.

**Видео-курсове в Интернет:**

1. **V. Drensky**, *Introduction to PI-Algebras* (Minicourse of four lectures), Ottawa-Carleton Algebra Week, September 13-21, 2008,  
<http://www.fields.utoronto.ca/programs/scientific/08-09/algebraweek/>.

**Общ импакт-фактор: 42.954**

<b>Цитати в монографии и статии:</b>	<b>782</b>
<b>Цитати в препринти:</b>	<b>56</b>
<b>Цитати в дисертации:</b>	<b>96</b>
<b>Цитати в дипломни работи:</b>	<b>71</b>

За статии, излезли от печат след 2010 г. или приети за печат е отчетен импакт-факторът за 2010 г.

Броят на цитатите на отделните статии е във формат:

в статии и монографии + (в препринти + в дисертации + в дипломни работи)