

Списък на забелязани цитирания (без автоцитати) на публикациите

на д-р Емилия Григорова Бажлева, ИМИ-БАН

Общо 180 забелязани цитирания (без автоцитати), от които:

155 в научни статии,

(от тях 94 в списания с импакт-фактор, с общ ИФ > 104);

13 в книги,

6 в дисертации,

1 в презентация,

5 в препринти.

ЦИТИРАНИЯ НА ДИСЕРТАЦИЯТА ЗА ДОКТОР (общо 128 бр.)

[B1] E. Bajlekova, Fractional evolution equations in Banach spaces, PhD thesis, Eindhoven University of Technology, Eindhoven, The Netherlands (2001)

**1) В научни статии: 114 цитирания, от които
78 в списания с импакт-фактор, с общ ИФ > 86
(по години):**

2013:

[C1] L. Miller, M. Yamamoto,
Coefficient inverse problem for a fractional diffusion equation.
(2013) *Inverse Problems*, 29 (7) 075013.
IF(2012)=1.896

[C2] Kexue, Li, and Peng Jigen.
Controllability of fractional neutral stochastic functional differential systems.
(2013) *Zeitschrift für angewandte Mathematik und Physik*: 1-19., Oct. 2013, in press
Doi: 10.1007/s00033-013-0369-2
IF (2012)=0.938

[C3] V. Keyantuo, C. Lizama, M. Warma
Spectral criteria for solvability of boundary value problems and positivity of solutions of time-fractional differential equations, (2013) *Abstract and Applied Analysis*, in press
IF (2012)=1.102 .

[C4] Ravichandran, C., and Juan J. Trujillo,
Controllability of Impulsive Fractional Functional Integro-Differential Equations in Banach Spaces,
(2013) *Journal of Function Spaces and Applications*, Article ID 812501
IF(2012)=0.5

[C5] R.W. Ibrahim,
Modified fractional Cauchy problem in a complex domain
(2013) *Advances in Difference Equations*, 2013:149, doi:10.1186/1687-1847-2013-149

IF(2012)=0.76

[C6] V. Keyantuo, C. Lizama and M. Warma.
Asymptotic behavior of fractional order semilinear evolution equations.
(2013) *Differential and Integral Equations*, 26 (7/8), 757-780.

IF(2012)=0.733

[C7] R. Ponce,
Hölder continuous solutions for fractional differential equations and maximal regularity,
(2013) *Journal of Differential Equations*, in press, <http://dx.doi.org/10.1016/j.jde.2013.07.035>.

IF(2012)=1.480

[C8] J. Dabas, A. Chauhan,
Existence and uniqueness of mild solution for an impulsive neutral fractional integro-differential equation with infinite delay,
(2013) *Mathematical and Computer Modelling*, 57 (3-4) pp. 754-763.

IF (2012)= 1.420

[C9] Z.-D. Mei, J.-G. Peng, J.-G., Y. Zhang,
On general fractional abstract Cauchy problem
(2013) *Communications on pure and applied analysis*, 12(6), 2753-2772.

IF(2012)=0.589

[C10] H.R. Henriquez, C. Cuevas, A. Caicedo,
Asymptotically periodic solutions of neutral partial differential equations with infinite delay
(2013) *Communications on Pure and Applied Analysis*, 12 (5), pp. 2031-2068.

IF(2012)=0.589

[C11] C. Lizama, G.M. N'Guérékata,
Mild solutions for abstract fractional differential equations
(2013) *Applicable Analysis*, 92 (8), pp. 1731-1754.

IF (2012)= 0.710

[C12] Z. Fan, G. Mophou,
Existence and optimal controls for fractional evolution equations
(2013) *Nonlinear Studies*, 20 (2), pp. 163-172.

[C13] Z. Fan, G. Mophou,
Nonlocal Problems for Fractional Differential Equations via Resolvent Operators.
(2013) *International Journal of Differential Equations*, Volume 2013, Article ID 490673,

[C14] M. Kostić,
Ill-posed abstract Volterra equations
(2013) *Publications de l'Institut Mathématique*, 93 (107), pp. 49-63.

[C15] J.P.C. Dos Santos, V. Vijayakumar, R. Murugesu,
Existence of mild solutions for nonlocal Cauchy problem for fractional neutral integro-differential equation with unbounded delay
(2013) *Communications in Mathematical Analysis*, 14 (1), pp. 59-71.

[C16] M. Kostić,
Perturbation theory for abstract Volterra equations
(2013) *Abstract and Applied Analysis*, 2013, art. no. 307684.

IF (2012)=1.102 .

[C17] K. Li, J. Peng, J. Gao,

On Inhomogeneous Fractional Differential Equations in Banach Spaces,
(2013) *Numerical Functional Analysis and Optimization*, 34 (4) 415-429.
IF(2012)=0.5

[C18] C. Chen, M. Kostić, M. Li, M. Žigić,
Complex powers of C-sectorial operators. Part I
(2013) *Taiwanese Journal of Mathematics*, 17 (2), pp. 465-499.

[C19] E. Alvarez-Pardo, C. Lizama,
Pseudo asymptotic solutions of fractional order semilinear equations
(2013) *Banach Journal of Mathematical Analysis*, 7 (2), pp. 42-52.
IF (2012)= 0.407

[C20] Kexue, L., Jigen, P., Jinghuai, G.
Controllability of Nonlocal Fractional Differential Systems of Order $\alpha \in (1, 2]$ In Banach Spaces.
(2013) *Reports on Mathematical Physics*, 71(1), 33-43.
IF (2012)=0.756

[C21] K. Li, J. Peng, J. Gao,
Nonlocal fractional semilinear differential equations in separable Banach spaces
(2013) *Electronic Journal of Differential Equations*, 2013, no.7.
IF(2012)=0.426

[C22] M. Belmekki, K. Mekhalfi, S. Ntoyas,
Existence and uniqueness for semilinear fractional differential equations with infinite delay via resolvent operators.
(2013) *Journal of Fractional Calculus and Applications*, 4(2), 267-282.

[C23] P. Grabowski,
Stabilization of wave equation using standard/fractional derivative in boundary damping
(2013) *Lecture Notes in Electrical Engineering*, 257 LNEE, pp. 101-121.

[C24] S. Beckers, M. Yamamoto.
Regularity and Unique Existence of Solution to Linear Diffusion Equation with Multiple Time-Fractional Derivatives. (2013) *Control and Optimization with PDE Constraints*. Springer Basel, 45-55.

[C25] R. Murugesu and S. Dhanalakshmi.
Existence Results for Fractional Order Mixed Type Functional Integro-differential Equations with Impulses.
(2013) *International Journal of Computer Applications* 73(17):5-10.

2012:

[C26] K. Balachandran, S. Kiruthika, M. Rivero, J.J. Trujillo,
Existence of Solutions for Fractional Delay Integro-differential Equations
(2012) *Journal of Applied Nonlinear Dynamics*, 1(4), 309-319.

[C27] C.-G. Li, M. Kostić, M. Li, S. Piskarev,
On a class of time-fractional differential equations
(2012) *Fractional Calculus and Applied Analysis*, 15 (4), pp. 639-668.

[C28] Kexue, L., Jigen, P., Jinghuai, G.
Existence results for semilinear fractional differential equations via kuratowski measure of noncompactness
(2012) *Fractional Calculus and Applied Analysis*, 15 (4), pp. 591-610.

[C29] M. Kostić,

On a class of (a, k) -regularized C -resolvent families

(2012) *Electronic Journal of Qualitative Theory of Differential Equations*, No. 94, 1-27,
IF(2012)=0.740

[C30] M. Kostic, C.-G. Li, M. Li,

On a Class of Abstract Time-Fractional Equations on Locally Convex Spaces,
(2012) *Abstract and Applied Analysis*, Volume 2012, Article ID 131652, 41 pages,
IF(2012)=1.102

[C31] M. Belmekki, K. Mekhalfi, S. K. Ntouyas,

Semilinear functional differential equations with fractional order and finite delay,
(2012) *Malaya Journal of Matematik* 1(1) (2012) pp. 73–81

[C32] K. Balachandran, S. Kiruthika,

Existence of solutions of abstract fractional integrodifferential equations of Sobolev type
(2012) *Computers and Mathematics with Applications*, 64 (10), pp. 3406-3413.
IF(2012)= 2.069

[C33] T.L. Guo,

Controllability and observability of impulsive fractional linear time-invariant system
(2012) *Computers and Mathematics with Applications*, 64 (10), pp. 3171-3182.
IF(2012)= 2.069

[C34] C. Lizama,

Solutions of two-term time fractional order differential equations with nonlocal initial conditions
(2012) *Electronic Journal of Qualitative Theory of Differential Equations*, No. 82, 1-9;
IF (2012)=0.740

[C35] M. Kostić,

Abstract Volterra equations in locally convex spaces
(2012) *Science China Mathematics*, 55 (9), pp. 1797-1825.

[C36] C. Lizama, F. Poblete,

On a functional equation associated with (a, k) -regularized resolvent families
(2012) *Abstract and Applied Analysis*, 2012, art. no. 495487.
IF(2012)=1.102

[C37] P. Jara, F. Neubrander, K. Özer,

Rational inversion of the Laplace transform
(2012) *Journal of Evolution Equations*, 12 (2), pp. 435-457.
IF(2012)=0.788

[C38] V. Keyantuo, C. Lizama,

On a connection between powers of operators and fractional Cauchy problems
(2012) *Journal of Evolution Equations*, 12 (2), pp. 245-265.
IF(2012)=0.788

[C39] K. Li, J. Peng,

Fractional resolvents and fractional evolution equations
(2012) *Applied Mathematics Letters*, 25 (5), pp. 808-812.
IF(2012)= 1.501

[C40] M. Kostić, Hypercyclicity and topologically mixing property for abstract time-fractional equations, (2012)
Dynamical Systems: An International Journal, 27(2) 213-221

IF(2012)=0.717

[C41] A. Heibig, Existence of Solutions for a Fractional Derivative System of Equations, (2012) *Integral Equations and Operator Theory*, 72 (4) 2012, 483-508, **IF(2012)=0.713**

[C42] K. Li, J. Peng, J. Jia,
Cauchy problems for fractional differential equations with Riemann–Liouville fractional derivatives,
(2012) *Journal of Functional Analysis*, 263(2) 476-510,
IF(2012)=1.252

[C43] J. Kemppainen,
Solvability of a Dirichlet problem for a time fractional diffusion-wave equation in Lipschitz domains,
(2012) *Fractional Calculus and Applied Analysis* 15 (2) 195-206

[C44] S.Umarov,
On fractional Duhamel's principle and its applications,
(2012) *Journal of Differential Equations*, 252(10) 5217–5234
IF(2012)= 1.480

[C45] A.Heibig, L.I. Palade,
On the existence of solutions to the fractional derivative equations $d^\alpha u/dt^\alpha + Au = f$, of relevance to diffusion in complex systems,
(2012) *Nonlinear Analysis: Modelling and Control*, 17(2) 153–168,
IF(2012)=0.861

[C46] J. Cao, Q. Yang, Z. Huang,
Existence of anti-periodic mild solutions for a class of semilinear fractional differential equations
(2012) *Communications in Nonlinear Science and Numerical Simulation*, 17 (1) pp. 277-283
IF(2012)=2.773

[C47] J. Peng, K. Li,
A novel characteristic of solution operator for the fractional abstract Cauchy problem,
(2012) *Journal of Mathematical Analysis and Applications*, 385(2) pp. 786-796,
IF(2012)=1.050

[C48] A.Caicedo, C. Cuevas, G.M. Mophou, G.M., N'Guérékata,
Asymptotic behavior of solutions of some semilinear functional differential and integrodifferential equations with infinite delay in Banach spaces,
(2012) *Journal of the Franklin Institute*, 349(1), pp. 1-24,
IF(2012)=2.418

[C49] G.M. Mophou, G. M. N'Guérékata,
On a class of fractional differential equations in a Sobolev space,
(2012) *Applicable Analysis*, 91(1) pp. 15-34,
IF(2012)= 0.710

[C50] C. Ravichandran, M.Mallika Arjunan,
Existence results for impulsive fractional semilinear functional integrodifferential equations in Banach spaces,
(2012) *Journal of Fractional Calculus and Applications*, 3(8), 1- 11.

[C51] P. Goswami, F.B.M. Belgacem,
Fractional differential equation solutions through a Sumudu rational
(2012) *Nonlinear Studies*, 19 (4), pp. 591-598.

[C52] E. Alvarez-Pardo, C. Lizama,
The Maximal Subspace for Generation of (a,k)-Regularized Families,
(2012) *Abstract and Applied Analysis*, Vol. 2012, Article ID 683021, 14 pages
IF(2012)=1.102

[C53] P. Goswami, F.B.M. Belgacem,
Solving special fractional differential equations by Sumudu transform
(2012) *AIP Conference Proceedings*, 1493, pp. 111-115.

[C54] И.М. Примаков,
ГРАНИЧНЫЕ ЗАДАЧИ ДЛЯ АБСТРАКТНЫХ ДИФФЕРЕНЦИАЛЬНЫХ УРАВНЕНИЙ, СОДЕРЖАЩИХ
ДРОБНУЮ ПРОИЗВОДНУЮ ГЕРАСИМОВА-КАПУТО, II Международная научно-практическая
конференция «Инновационные технологии в производстве, науке и образовании», 19-21 октября 2012 г.,
ГРОЗНЫЙ – 2012

[C55] А.В. Глушак, Т.А. Манаенкова,
О разрешимости задачи типа Коши для абстрактных дифференциальных уравнений с дробной производной
Римана-Лиувилля, (2012) *НАУЧНЫЕ ВЕДОМОСТИ Белгородского государственного университета*, Серия:
Математика. Физика. №17(136). Вып. 28, с.28-45

2011:

[C56] Kexue, L., Jigen, P.
Laplace transform and fractional differential equations,
(2011) *Applied Mathematics Letters*, 24 (12), pp. 2019-2023,
IF(2011)=1.371

[C57] Jia Mu,
Monotone iterative technique for fractional evolution equations in Banach spaces,
(2011) *Journal of Applied Mathematics*, Vol. 2011, art. no. 767186.
IF(2011)=0.656

[C58] M. Kostić,
Some contributions to the theory of abstract Volterra equations,
(2011) *International Journal of Mathematical Analysis*, 5 (31) pp. 1529-1551

[C59] Jia Mu,
Perturbation results and monotone iterative technique for fractional evolution equations,
(2011) *Abstract and Applied Analysis*, Vol. 2011, art. no. 968735.
IF(2011)=1.318

[C60] A.V. Glushak, T.A. Manaenkova,
Direct and inverse problems for an abstract differential equation containing Hadamard fractional derivatives,
(2011) *Differential Equations*, 47 (9) pp. 1307-1317.
IF(2011)=0.419

[C61] Li, K., Jia, J.
Existence and uniqueness of mild solutions for abstract delay fractional differential equations,
(2011) *Computers and Mathematics with Applications*, 62 (3) pp.1398-404.
IF(2011)=1.747

[C62] K. Balachandran, S. Kiruthika,
Existence results for fractional integrodifferential equations with nonlocal condition via resolvent operators,
(2011) *Computers and Mathematics with Applications*, 62 (3), pp. 1350-1358.
IF(2011)=1.747

[C63] J.P.C. Dos Santos, M. Mallika Arjunan, C. Cuevas,
Existence results for fractional neutral integro-differential equations with state-dependent delay,

(2011) *Computers and Mathematics with Applications*, 62 (3) pp.1275-283
IF(2011)=1.747

[C64] J.P.C. Dos Santos,
Resolvent operators for fractional integro-differential equations,
(2011) *Communications on Applied Nonlinear Analysis*, 18 (2) pp. 85-98.

[C65] Kexue, L., Jigen, P.
Fractional Abstract Cauchy Problems,
(2011) *Integral Equations and Operator Theory*, 70 (3), pp. 333-361
IF(2011)=0.626

[C66] J. Kemppainen,
Existence and uniqueness of the solution for a time-fractional diffusion equation with Robin boundary condition,
(2011) *Abstract and Applied Analysis*, Vol. 2011, art. no. 321903
IF(2011)=1.318

[C67] R.-N. Wang, J. Xia,
Impulsive integrodifferential equations involving nonlocal initial conditions,
(2011) *Advances in Difference Equations*, vol. 2011, art. no. 634701
IF(2011)=0.845

[C68] M. Kostić,
Abstract time-fractional equations: Existence and growth of solutions,
(2011) *Fract. Calc. Appl. Anal.*, 14 (2), pp. 301-316

[C69] X.-B. Shu, Y. Lai, Y. Chen,
The existence of mild solutions for impulsive fractional partial differential equations,
(2011) *Nonlinear Analysis, Theory, Methods and Applications*, 74 (5) pp. 2003-2011
IF(2011)=1.536

[C70] K.K. Avad, A.V. Glushak,
Quasi-inversion method for an evolutionary equation of fractional order,
(2011) *Journal of Mathematical Sciences*, 173 (2) pp. 172-180.

[C71] C. Lizama,
An operator theoretical approach to a class of fractional order differential equations,
(2011) *Applied Mathematics Letters*, 24 (2) pp. 184-190.
IF(2011)=1.371

[C72] G.M. Mophou,
Optimal control of fractional diffusion equation,
(2011) *Computers and Mathematics with Applications*, 61 (1) pp. 68-78.
IF(2011)=1.747

[C73] M. Benchohra, S. Litimein,
A global uniqueness result for abstract integral equations of Volterra type in Banach spaces,
(2011) *Communications on Applied Nonlinear Analysis*, 18 (1) pp. 37-44.

[C74] V. Keyantuo, C. Lizama,
A characterization of periodic solutions for time-fractional differential equations in UMD spaces and applications.
(2011) *Mathematische Nachrichten*, 284 pp. 494–506.
IF(2011)=0.682

[C75] Ch. Chen, M. Li, F.-B. Li,
On boundary values of fractional resolvent families,

(2011) *Journal of Mathematical Analysis and Applications*, 384(2) pp. 453-467,
IF(2011)=1.001

[C76] Yu. Luchko, A. Punzi,
Modeling anomalous heat transport in geothermal reservoirs via fractional diffusion equations,
(2011) *GEM - International Journal on Geomathematics*, 1 (2) pp. 257-276.

[C77] A. Meril, G.M. Mophou, G.M. N'Guérékata,
Asymptotic behavior of bounded mild solutions of some functional differential and fractional differential equations,
(2011) *Differential and Integral Equations*, 24(5/6) pp. 401-416.
IF(2011)=0.584

[C78] C. Ravichandran, M. Mallika Arjunan,
Existence and uniqueness results for impulsive fractional integrodifferential equations in Banach spaces.
(2011) *International Journal of Nonlinear Science*, 11(4) pp. 427-439.

[C79] M. Kostić,
Time-dependent perturbations of abstract Volterra equations.
(2011) *Bulletin: Classe des sciences mathématiques et naturelles-Sciences naturelles* 143.36 pp. 89-104.

2010:

[C80] C. Lizama, P.J. Miana,
A Landau–Kolmogorov inequality for generators of families of bounded operators,
(2010) *Journal of Mathematical Analysis and Applications*, 371(2), pp. 614-623,
IF(2010)=1.174

[C81] R.P. Agarwal, M. Benchohra, J.J. Nieto, A. Ouahab,
Some results for integral inclusions of Volterra type in Banach spaces
(2010) *Advances in Difference Equations*, vol. 2010, art. no. 798067.
IF(2010)=0.891

[C82] V. Vergara, R. Zacher,
A priori bounds for degenerate and singular evolutionary partial integro-differential equations
(2010) *Nonlinear Analysis, Theory, Methods and Applications*, 73 (11), pp. 3572-3585.
IF(2010)=1.279

[C83] M. Li, C. Chen, F.-B. Li,
On fractional powers of generators of fractional resolvent families
(2010) *Journal of Functional Analysis*, 259 (10), pp. 2702-2726.
IF(2010)=1.196

[C84] M.A.E. Herzallah, A.M.A. El-Sayed, D. Baleanu,
Perturbation for fractional-order evolution equation
(2010) *Nonlinear Dynamics*, 62 (3), pp. 593-600.
IF(2010)=1.741

[C85] A. Karczewska, C. Lizama,
Solutions to stochastic fractional oscillation equations
(2010) *Applied Mathematics Letters*, 23 (11) pp. 1361-1366.
IF(2010)=1.155

[C86] B. Bandrowski, A. Karczewska, P. Rozmej,
Numerical solutions to integral equations equivalent to differential equations with fractional time

(2010) *International Journal of Applied Mathematics and Computer Science*, 20(2), 261-269.
IF(2010)=0.794

[C87] R.-N. Wang, D.-H. Chen,
On a class of retarded integro-differential equations with nonlocal initial conditions
(2010) *Computers and Mathematics with Applications*, 59 (12), pp. 3700-3709.
IF(2010)=1.472

[C88] C. Cuevas, J. César de Souza,
Existence of S-asymptotically ω -periodic solutions for fractional order functional integro-differential equations with infinite delay (2010) *Nonlinear Analysis, Theory, Methods and Applications*, 72 (3-4), pp. 1683-1689.
IF(2010)=1.279

[C89] C. Lizama, H. Prado,
Fractional relaxation equations on Banach spaces,
(2010) *Applied Mathematics Letters*, 23 (2) pp. 137-142.
IF(2010)=1.155

[C90] C. Chen, M. Li,
On fractional resolvent operator functions,
(2010) *Semigroup Forum*, 80 (1), pp. 121-142.
IF(2010)=0.612

[C91] C. Cuevas, M. Rabelo, H. Soto,
Pseudo-almost automorphic solutions to a class of semilinear fractional differential equations
(2010) *Communications on Applied Nonlinear Analysis*, 17 (1), pp. 31-47.

[C92] C. Chen, X. Song, H. Li,
The reduction square root and perturbation for a class of strongly continuous operator families, (2010) *Acta Mathematica Sinica*, 26(10) pp. 1993-2002,
IF(2010)=0.540

[C93] M. Stojanovic,
Well-posedness of diffusion-wave problem with arbitrary finite number of time fractional derivatives in Sobolev spaces H_s , (2010) *Fract. Calc. Appl. Anal.*, 13(1) pp. 21-41.

[C94] X. К. Авад, А. В. Глушак,
Метод квазобращения для Эволюционного уравнения дробного порядка,
(2010) *Современная математика и ее приложения*. Том 67, с. 49–57

2009:

[C95] A. Karczewska, C. Lizama,
Solutions to stochastic fractional relaxation equations
(2009) *Physica Scripta T*, T136, art. no. 014030.
IF(2009)=1.088

[C96] C. Cuevas, C. Lizama,
Almost automorphic solutions to integral equations on the line
(2009) *Semigroup Forum*, 79 (3), pp. 461-472.
IF(2009)=0.597

[C97] C. Lizama, H. Prado,
On duality and spectral properties of (a, k) -regularized resolvents

(2009) *Proceedings of the Royal Society of Edinburgh Section A: Mathematics*, 139 (3), pp. 505-517.
IF(2009)=0.694

[C98] M. Kostić,
(a,k) -regularized C -resolvent families: Regularity and local properties
(2009) *Abstract and Applied Analysis*, vol. 2009, art. no. 858242.
IF(2009)=2.221

[C99] F.-B. Li, M. Li, Q. Zheng,
Fractional evolution equations governed by coercive differential operators
(2009) *Abstract and Applied Analysis*, vol. 2009, art. no. 438690.
IF(2009)=2.221

[C100] B. Baeumer, M.M. Meerschaert, E. Nane,
Brownian subordinators and fractional Cauchy problems
(2009) *Transactions of the American Mathematical Society*, 361 (7), pp. 3915-3930.
IF(2009)=1.060

[C101] C. Cuevas, J.C. de Souza,
S-asymptotically ω -periodic solutions of semilinear fractional integro-differential equations
(2009) *Applied Mathematics Letters*, 22 (6), pp. 865-870.
IF(2009)=0.978

2008:

[C102] H. Prado,
Stability properties for solution operators
(2008) *Semigroup Forum*, 77 (3), pp. 456-462.
IF(2008)=0.493

[C103] D. Araya, C. Lizama,
Almost automorphic mild solutions to fractional differential equations,
(2008) *Nonlinear Analysis: Theory, Methods & Applications*, 69(11), pp. 3692-3705,
IF(2008)=1.295

[C104] C. Cuevas, C. Lizama,
Almost automorphic solutions to a class of semilinear fractional differential equations,
(2008) *Applied Mathematics Letters*, 21(12) pp. 1315-1319,
IF(2008)=0.948

[C105] R. Zacher,
Boundedness of weak solutions to evolutionary partial integro-differential equations with discontinuous coefficients,
(2008) *Journal of Mathematical Analysis and Applications*, 348(1) pp. 137-149,
IF(2008)=1.046

[C106] E. Nane, Symmetric α -stable subordinators and Cauchy problems, (2008) *International Journal of Pure and Applied Mathematics*, 42(2) pp. 217-225

[C107] S. Bonaccorsi, Volterra Equations Perturbed by a Gaussian Noise, In: *Seminar on Stochastic Analysis, Random Fields and Applications V*, R.C.Dalang, F. Russo, M. Dozzi (Eds.), Progress in Probability, vol.59, 2008, Birkhäuser Basel, pp. 37-55.

2007:

[C108] A.Karczewska, C. Lizama,
Stochastic Volterra equations driven by cylindrical Wiener process
(2007) *Journal of Evolution Equations*, 7 (2), pp. 373-386.
IF(2007)=0.684

[C109] A.Karczewska, C. Lizama,
On stochastic fractional Volterra equations in Hilbert space
(2007) *Discrete Cont. Dyn. Sys. Series A*, Supplement (2007), pp.541-550.

2006:

[C110] C. Tadjeran, M.M. Meerschaert, H.-P. Scheffler,
A second-order accurate numerical approximation for the fractional diffusion equation
(2006) *Journal of Computational Physics*, 213 (1), pp. 205-213.
IF(2006)=2.328

2005:

[C111] R. Zacher,
Maximal regularity of type L_p for abstract parabolic Volterra equations
(2005) *Journal of Evolution Equations*, 5 (1), pp. 79-103.
IF(2005)=0.738

[C112] B. Baeumer, S. Kurita, M.M. Meerschaert
Inhomogeneous fractional diffusion equations
(2005) *Frac.Calc.Appl.Anal.* 8, no.4, pp. 371-386

2004:

[C113] M. Li, Q. Zheng,
On spectral inclusions and approximations of α -times resolvent families
(2004) *Semigroup Forum*, 69 (3), pp. 356-368.
IF(2004)=0.429

[C114] S.D. Eidelman, A.N. Kochubei,
Cauchy problem for fractional diffusion equations
(2004) *Journal of Differential Equations*, 199 (2), pp. 211-255.
IF(2004)=0.877

2) В книги (4 бр.):

[C115] S. Abbas, M. Benchohra, G.M. N'Guérékata (2012), *Topics in Fractional Differential Equations*. Springer New York, 2012.

[C116] M. Kostić (2011), *Generalized semigroups and cosine functions*. Matematički institut SANU, Beograd.

[C117] F. Mainardi (2010), *Fractional calculus and waves in linear viscoelasticity: an introduction to mathematical models*, World Scientific, 347 pages

[C118] A.Karczewska (2008), *Convolution type stochastic Volterra equations*, Springer, 101 pages

3) В диссертации (4 бр.):

[C119] P.M.C. Neto, *Fractional Differential Equations: A Novel Study of Local and Global Solutions in Banach Spaces*. PhD thesis, University of Sao Paulo (2013)

[C120] Kexue Li, *Well-posedness of Fractional Abstract Cauchy Problems*. PhD thesis, Xi'an Jiaotong University (2011)

[C121] X.K.M. Авад, *Вопросы разрешимости абстрактных дифференциальных уравнений с дробными производными Римана-Лиувилля*, диссертация кандидата физико-математических наук, Белгородский Гос. Университет, Белгород (2011)

[C122] R. Zacher, *Quasilinear parabolic problems with nonlinear boundary conditions*, PhD thesis, Martin-Luther-Universität Halle-Wittenberg, Halle (2003)

4) В презентации (1 бр.):

[C123] Masahiro Yamamoto (The University of Tokyo), Mathematical Analysis for several inverse problems for fractional diffusion equations, Seoul-Tokyo Conference KIAS, Seoul, Korea, 1 December 2012
[http://www.mathnet.or.kr/real/2012/12/MasahiroYamamoto\(1201\).pdf](http://www.mathnet.or.kr/real/2012/12/MasahiroYamamoto(1201).pdf)

5) В препринти (5 бр.):

[C124] M. D'Ovidio, F. Polito,
Fractional Diffusion-Telegraph Equations and their Associated Stochastic Solutions. (2013) preprint
<http://arxiv.org/pdf/1307.1696v2.pdf>

[C125] B. Baeumer, M. Kovacs, M.M. Meerschaert, R.L. Schilling, P. Straka,
Reflected stable processes and their governing equations, (2013) preprint
<http://www.stt.msu.edu/~mcubed/duality-process.pdf>
<http://arxiv.org/pdf/1301.5605v1.pdf>

[C126] S. Abbas, G.M. N'Guerekata
Existence of asymptotic almost automorphic solutions of fractional integro differential equations with non local conditions. (2013) preprint
<http://arxiv.org/pdf/1212.5798v3.pdf>

[C127] C. Cuevas, C. Lizama,
Existence of S-asymptotically ω -periodic solutions for two-times fractional order differential equations, (2012) preprint.
[http://netlizama.usach.cl/Cuevas-Lizama\(SpecialIssueChinese\)\(2012\).pdf](http://netlizama.usach.cl/Cuevas-Lizama(SpecialIssueChinese)(2012).pdf)

[C128] R. Zacher,
A weak Harnack inequality for fractional evolution equations with discontinuous coefficients, (2010) preprint.
<http://arxiv.org/pdf/1009.4852v1.pdf>

ЦИТИРАНИЯ НА СТАТИИ (общо 52 бр.):

41 в научни статии (от тях 17 в списания с импакт-фактор с общ ИФ > 17),

9 в книги,

2 в дисертации.

[B10] E. Bazhlekova, Existence and uniqueness results for a fractional evolution equation in Hilbert space, *Fract. Calc. Appl. Anal.* 15 (2) (2012) pp. 232-243.

Цитирана 4 пъти:

[C129] S. Kumar, N. Sukavanam,
Controlability of fractional order system with nonlinear term having integral contractor,
(2013) *Fractional Calculus and Applied Analysis*, 16 (4), pp. 791–801.

[C130] C.-G. Li, M. Kostić, M. Li, S. Piskarev,
On a class of time-fractional differential equations
(2012) *Fractional Calculus and Applied Analysis*, 15 (4), pp. 639-668.

[C131] Kexue, L., Jigen, P., Jinghuai, G.
Existence results for semilinear fractional differential equations via kuratowski measure of noncompactness,
(2012) *Fractional Calculus and Applied Analysis*, 15 (4), pp. 591-610.

[C132] A. Hulanyskyi,
Weak solvability of fractional differential equations, *International conference dedicated to 120-th anniversary of Stefan Banach*, September 17-21, 2012, Ivan Franko National University of Lviv, Ukraine

[B12] E. Bazhlekova, P. Clément, Global smooth solutions for a quasilinear fractional evolution equation (2003) *Journal of Evolution Equations*, 3 (2), pp. 237-246.

Едно цитиране:

[C133] M. Stojanovic, Well-posedness of diffusion-wave problem with arbitrary finite number of time fractional derivatives in Sobolev spaces H_s ,
(2010) *Fract. Calc. Appl. Anal.* 13 (1) pp. 21–41.

[B13] E. Bazhlekova, I. Bazhlevkov, Contour-integral representation of single and double layer potentials for axisymmetric problems, *Lecture Notes in Computer Science*, 2542, (2003) 387-394.

Две цитирания:

[C134] P.J.A. Janssen, P.D. Anderson,
Modeling film drainage and coalescence of drops in a viscous fluid
(2011) *Macromolecular Materials and Engineering*, 296 (3-4), pp. 238-248.
IF(2011)=1.986

[C135] P.J.A. Janssen, P.D. Anderson, W.M. Peters, H.E.H. Meijer,
Axisymmetric boundary integral simulations of film drainage between two viscous drops
(2006) *Journal of Fluid Mechanics*, 567, pp. 65-90.
IF(2006)=2.022

[B14] E. Bazhlekova, Strict L_p solutions for fractional evolution equations.
Fract. Calc. Appl. Anal. 5 (4) (2002) pp. 427–436

Едно цитиране:

[C136] M. Stojanovic, Well-posedness of diffusion-wave problem with arbitrary finite number of time fractional derivatives in Sobolev spaces H_s ,
(2010) *Fract. Calc. Appl. Anal.* 13 (1) pp. 21–41.

[B15] E. Bazhlekova, Subordination principle for fractional evolution equations.
Fract. Calc. Appl. Anal. 3 (3) (2000) pp. 213–230.

Цитирана 8 пъти:

[C137] M. D'Ovidio,
From Sturm-Liouville problems to fractional and anomalous diffusions
(2012) *Stochastic Processes and their Applications*, 122 (10), pp. 3513-3544.
IF(2012)=0.953

[C138] A. Kochubei,
Fractional-Parabolic systems,
(2012) *Potential Analysis* 37 (1) pp.1-30.
IF(2012)=0.959

[C139] A. Heibig,
Existence of Solutions for a Fractional Derivative System of Equations,
(2012) *Integral Equations and Operator Theory*, 72 (4) 2012, pp. 483-508
IF(2012)=0.713

[C140] J. L. da Silva, M. Erraoui, H. Ouerdiane.
Generalized Fractional Evolution Equation.
(2007) *Fract. Calc. Appl. Anal.* 10 (4), pp. 375-398.

[C141] M. Li, Q. Zheng,
On spectral inclusions and approximations of α -times resolvent families
(2004) *Semigroup Forum*, 69 (3), pp. 356-368.
IF(2004)=0.429

[C142] F. Mainardi, R. Gorenflo, A. Vivoli,
Renewal processes of Mittag-Leffler and Wright type
(2005) *Fract. Calc. Appl. Anal.* 8(1) pp.7-38

[C143] R. Gorenflo, F. Mainardi, Fractional relaxation of distributed order,
In: Miroslav Michal Novak, *Complexus mundi: emergent patterns in nature* (2006) pp. 33-52

[C144] F. Mainardi, *Fractional calculus and waves in linear viscoelasticity*: an introduction to mathematical models, World Scientific (2010) 347 p.

[B16] E. Bazhlekova, Perturbation properties for abstract evolution equations of fractional order
(1999) *Fract. Calc. Appl. Anal.*, 2 (4), pp. 359-366.

Цитирана 6 пъти:

[C145] J. L. da Silva, M. Erraoui, H. Ouerdiane.

Generalized Fractional Evolution Equation.
(2007) *Fract.Calc.Appl.Anal.* 10 (4), pp. 375-398

[C146] M. Li, Q. Zheng,
On spectral inclusions and approximations of α -times resolvent families
(2004) *Semigroup Forum*, 69 (3), pp. 356-368.
IF(2004)=0.429

[C147] A.A. Kilbas, J.J. Trujillo,
Differential Equations of Fractional Order: Methods, Results and Problems. II,
(2002) *Applicable Analysis* 81(2), pp.435-493

[C148] A.A. Kilbas, H.M. Srivastava, J.J. Trujillo, *Theory and applications of fractional differential equations*,
North-Holland Mathematics studies, Elsevier (2006)

[C149] F. Mainardi, *Fractional calculus and waves in linear viscoelasticity*: an introduction to mathematical
models, World Scientific (2010)

[C150] A.B. Псху, *Краевые задачи для дифференциальных уравнений с частными производными
дробного и континуального порядка* : диссертация доктора физико-математических наук , Научно-
исследовательский институт прикладной математики и автоматизации КБНЦ РАН, Нальчик, 2005.- 186 с.
ISBN 5-901497-13-9

[B17] E. Bazhlekova, The abstract Cauchy problem for fractional evolution equation. *Fract.
Calc. Appl. Anal.*, 1 (3) (1998), pp. 255–270.

Цитирана 20 пъти:

[C151] A.Heibig,
Existence of Solutions for a Fractional Derivative System of Equations,
(2012) *Integral Equations and Operator Theory*, 72 (4) 2012, 483-508
IF(2011)=0.713

[C152] X. Xu, J. Cheng, M. Yamamoto,
Carleman estimate for a fractional diffusion equation with half order and application
(2011) *Applicable Analysis*, 90 (9), pp. 1355-1371.
IF(2011)=0.744

[C153] C. Lizama, H. Prado,
Fractional relaxation equations on Banach spaces
(2010) *Applied Mathematics Letters*, 23 (2), pp. 137-142.
IF(2010)=1.155

[C154] J. Nakagawa, K. Sakamoto, M. Yamamoto,
Overview to mathematical analysis for fractional diffusion equations – new mathematical aspects motivated by
industrial collaboration.
(2010) *J. Math-for-Industry* 2 (2010A- 10), 99–108.

[C155] J. Cheng, J. Nakagawa, M. Yamamoto, T.Yamazaki,
Uniqueness in an inverse problem for a one-dimensional fractional diffusion equation
(2009) *Inverse Problems*, 25 (11), art. no. 115002
IF(2009)=1.9

[C156] S. Umarov, E. Saidamatov,
A generalization of Duhamel's principle for differential equations of fractional order

(2007) *Doklady Mathematics*, 75 (1), pp. 94-96.
IF(2007)=0.235

[C157] J. L. da Silva, M. Erraoui, H. Ouerdiane.
Generalized Fractional Evolution Equation.
(2007) *Frac. Calc. Appl. Anal.* 10 (4), pp. 375-398

[C158] S. Umarov, E. Saydamatov,
A Fractional Analog of the Duhamel Principle.
(2006) *Fract. Calc. Appl. Anal.* 9 (1), pp. 57-70.

[C159] M. Li, Q. Zheng,
On spectral inclusions and approximations of α -times resolvent families
(2004) *Semigroup Forum*, 69 (3), pp. 356-368.
IF(2004)=0.429

[C160] X. Yu, K. Liu,
Controllability of a class of infinite dimensional linear systems
(2004) *Proceedings of the World Congress on Intelligent Control and Automation (WCICA)*, 1, pp. 105-107.

[C161] S.D. Eidelman, A.N. Kochubei,
Cauchy problem for fractional diffusion equations
(2004) *Journal of Differential Equations*, 199 (2), pp. 211-255.
IF(2004)=0.877

[C162] T.M. Atanackovic, B. Stankovic,
Dynamics of a viscoelastic rod of fractional derivative type
(2002) *ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik*, 82 (6), pp. 377-386.

[C163] M. Stojanovic,
Well-posedness of diffusion-wave problem with arbitrary finite number of time fractional derivatives in Sobolev spaces H_s ,
(2010) *Fract. Calc. Appl. Anal.* 13 (1) pp. 21-41.

[C164] A.M.A. El-Sayed, M.A.E. Aly,
Continuation theorem of fractional order evolutionary integral equations,
(2002) *Korean Journal of Computational & Applied Mathematics*, 9 (2) 525-533

[C165] R. Gorenflo, F. Mainardi,
Fractional relaxation of distributed order
(2006) In: Miroslav Michal Novak, *Complexus mundi: emergent patterns in nature*, pp. 33-52

[C166] A.A. Kilbas, J.J. Trujillo,
Differential Equations of Fractional Order: Methods, Results and Problems. II,
(2002) *Applicable Analysis*, 81(2) pp. 435-493

[C167] A.O. Лопушанський,
ЗБУРЕНА АБСТРАКТНА ЗАДАЧА КОШІ ДЛЯ РІВНЯННЯ З ДРОБОВОЮ ПОХІДНОЮ ЗА ЧАСОМ,
(2012) Науковий журнал "Комп'ютерно-інтегровані технології: освіта, наука, виробництво" Луцьк, 2012.
Випуск №9

[C168] F. Mainardi, *Fractional calculus and waves in linear viscoelasticity: an introduction to mathematical models*, World Scientific (2010)

[C169] A.A. Kilbas, H.M. Srivastava, J.J. Trujillo, *Theory and applications of fractional differential equations*, North-Holland Mathematics studies, Elsevier (2006)

[C170] А.В. Псху, *Краевые задачи для дифференциальных уравнений с частными производными дробного и континуального порядка*: диссертация доктора физико-математических наук, Научно-исследовательский институт прикладной математики и автоматизации КБНЦ РАН, Нальчик, 2005. - 186 с.

[B19] E. Bazhlekova, Duhamel-type representation of the solutions of nonlocal boundary value problems for the fractional diffusion-wave equation (1998) *Proc. 2nd Int. Workshop "TMSF'1996"*, Bulgarian Academy of Sciences, Sofia, 1998, pp. 32-40.

Цитирана 10 пъти:

[C171] Yu. Luchko,
Initial-boundary-value problems for the one-dimensional time-fractional diffusion equation,
(2012) *Fract. Calc. Appl. Anal.*, 15 (1), pp. 141-160.

[C172] Yu. Luchko,
Initial-boundary-value problems for the generalized multi-term time-fractional diffusion equation
(2011) *Journal of Mathematical Analysis and Applications*, 374 (2), pp. 538-548
IF(2011)=1.001

[C173] Yu. Luchko,
Some uniqueness and existence results for the initial-boundary-value problems for the generalized time-fractional diffusion equation
(2010) *Computers and Mathematics with Applications*, 59 (5), pp. 1766-1772
IF(2010)=1.472

[C174] Yu. Luchko,
Fractional calculus models for the anomalous diffusion processes and their analysis
(2010) *AIP Conference Proceedings*, 1301, pp. 623-635.

[C175] Yu. Luchko,
Maximum principle for the generalized time-fractional diffusion equation
(2009) *Journal of Mathematical Analysis and Applications*, 351 (1), pp. 218-223
IF(2009)=1.225

[C176] I.Dimovski, M.Spiridonova,
Numerical Solution of Boundary Value Problems for the Heat and Related Equations
(2001) In: *Computer Algebra and its Application to Physics*. Proceedings of the International workshop (Dubna, June 28-30, 2001)/ Editor V.P.Gerd. pp. 32-42

[C177] Yu. Luchko,
Initial-Boundary-Value Problems for the Generalized Time-Fractional Diffusion Equation,
(2008) *Proc. FDA'08* <http://www1.tfh-berlin.de/~luchko/papers/luchko-fda08.pdf>

[C178] Yu. Luchko,
Maximum principle for the generalized multi-term time-fractional diffusion equations and its,
(2009) *Symposium on Fractional Signals and Systems Lisbon'09*, M. Ortigueire et al. (eds.) Lisbon, Portugal, November 4-6, 2009

[C179] Yu. Luchko,
Anomalous Diffusion: Models, Their Analysis, and Interpretation,
(2012) book chapter in: *Advances in Applied Analysis*. Springer Basel, (2012), pp. 115-145.

[C180] F. Mainardi, *Fractional calculus and waves in linear viscoelasticity*: an introduction to mathematical models, World Scientific, (2010) - 347 pages

Заб.:

На *Scopus* повечето цитирания на публикации на кандидата се намират чрез:
author: Bazhlekova → view secondary documents.

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<http://scholar.google.com/citations?hl=en&user=S1V5wscAAAAJ>

има препратки към дадените в този документ цитирания.