

Пълен списък на научните публикации

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конкурс за професор в област на висше образование: 4. Природни науки, математика и информатика, професионално направление: 4.5. Математика, научна специалност: „Математически анализ“ (Приложения на дробното смятане), обявен от ИМИ-БАН в Държавен вестник бр. 43 от 17.05.2024г. (стр.46)

Общ брой научни публикации: **57**, разпределени по процедури както следва (всяка процедура е отбелязана с различен цвят):

... (6 бр.) – процедура за придобиване на образователната и научна степен „доктор“

... (14 бр.) – конкурс за доцент

... (11 бр.) – процедура за придобиване на научната степен „доктор на науките“

... (22 бр.) – представени за участие в настоящия конкурс за професор

Разпределение на публикациите по категории:

Индексирани в Web of Science и/или Scopus: **44**

В издания с импакт фактор (IF) и/или импакт ранг (SJR): **41**,

от които в издания с **IF: 23**

Индексирани в профилирани бази данни (ZentralBlatt): **10**

В рецензирани сборници на международни конференции: **1**

Дисертация за „доктор“ (включена в списъка с публикации поради многобройните цитирания): **1**

Други: **1**

№	Публикация
1	Bazhlekova, E. Duhamel-type representation of the solutions of nonlocal boundary value problems for the fractional diffusion-wave equation. Proc. of the 2nd Int. Workshop TMSF'1996, 1998 (ZentralBlatt)
2	Bazhlekova, E.. The abstract Cauchy problem for fractional evolution equation.. Fract. Calc. Appl. Anal., 1, 3, 1998, ISSN:1311-0454, 255-270 (ZentralBlatt)
3	Bazhlekova, E.. Perturbation properties for abstract evolution equations of fractional order. Fract. Calc. Appl. Anal., 2, 4, 1999, ISSN:1311-0454, 359-366 (ZentralBlatt)
4	Bazhlekova, E.. Perturbation and approximation properties for abstract evolution equations of fractional order. RANA, Report 00-05, Technische Universiteit Eindhoven, 2000 Национално академично издателство
5	Bazhlekova, E.. Subordination principle for fractional evolution equations.. Fract.Calc.Appl.Anal., 3, 3, 2000, ISSN:1311-0454, 213-230 (ZentralBlatt)
6	Bajlekova, E.. Fractional evolution equations in Banach spaces. Technische Universiteit Eindhoven, Eindhoven, The Netherlands, 2001, DOI:10.6100/IR549476, 107 p. (PhD thesis) Линк

7	Bazhlekova, E. Strict L_p solutions for fractional evolution equations. <i>Fract. Calc. Appl. Anal.</i> , 5, 4, 2002, ISSN:1311-0454, 427-436 (ZentralBlatt)
8	Bazhlekova, E., Bazhlekova, I. Contour-integral representation of single and double layer potentials for axisymmetric problems. <i>Lecture Notes in Computer Science</i> , 2542, 2003, ISSN:0302-9743, DOI:10.1007/3-540-36487-0_43, 387-394. SJR (Scopus):0.41 SJR, непопадащ в Q категория (Scopus) Линк
9	Bazhlekova, E., P. Clément. Global smooth solutions for a quasilinear fractional evolution equation. <i>Journal of Evolution Equations</i> , 3, 2, 2003, ISSN:1424-3199, DOI:10.1007/s00028-003-0092-0, 237-246. SJR (Scopus):1.347 SJR, непопадащ в Q категория (Scopus) Линк
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11	Bazhlekova, E., Dimovski, I. Explicit Solution for a Wave Equation with Nonlocal Condition. <i>American Institute of Physics Conf. Proc.</i> , 1497, 2012, ISSN:0094-243X E-ISSN:1551-7616, DOI:10.1063/1.4766789, 221-232. SJR (Scopus):0.154 SJR, непопадащ в Q категория (Scopus) Линк
12	Bazhlekova, E., Dimovski, I. Explicit solution of Thornley's problem. <i>C. R. Acad. Bulg. Sci.</i> , 65, 2012, ISSN:1310-1331, 1175-1184. JCR-IF (Web of Science):0.211 Q4 (Web of Science) Линк
13	Bazhlekova, E. Existence and uniqueness results for a fractional evolution equation in Hilbert space. <i>Fract. Calc. Appl. Anal.</i> , 15, 2, 2012, ISSN:1311-0454, 232-243. SJR:1.069 SJR, непопадащ в Q категория (Scopus) Линк
14	Bazhlekova, E. Strict L_p solutions for nonautonomous fractional evolution equations. <i>Math. Balkanica (N. S.)</i> , 26, 1-2, 2012, ISSN:0205-3217, 25-34 (ZentralBlatt)
15	Bazhlekova, E., Dimovski, I. Exact solution for the fractional cable equation with nonlocal boundary conditions. <i>Central European Journal of Physics</i> , 11, 10, 2013, ISSN:1895-1082, 1304-1313. JCR-IF (Web of Science):1.077 Q3 (Web of Science) Линк
16	Bazhlekova, E., Dimovski, I. Time-fractional Thornley's problem. <i>Journal of Inequalities and Special Functions</i> , 4, 1, 2013, ISSN:2217-4303, 21-35 (ZentralBlatt)
17	Bazhlekova, E. On a nonlocal boundary value problem for the two-term time-fractional diffusion-wave equation. In: <i>American Institute of Physics - Conference Proceedings</i> , 2013, ISSN:0094-243, 172-183. SJR:0.161 SJR, непопадащ в Q категория (Scopus) Линк
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20	Bazhlekova, E., Dimovski, I. Exact solution of two-term time-fractional Thornleys problem by operational method. <i>Integral Transforms and Special Functions</i> , 25, 1, 2014, ISSN:1065-2469, 61-74. JCR-IF (Web of Science):0.723 Q2 (Web of Science) Линк
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26	Bazhlekova, E. Subordination principle for a class of fractional order differential equations. Mathematics, 3, 2, MDPI, 2015, ISSN:2227-7390, DOI:10.3390/math3020412, 412-427 Без IF или SJR – индексирани в WoS или Scopus Линк
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37	Bazhlekova, E. Bazhlekova, I. Complete monotonicity of the relaxation moduli of distributed-order fractional Zener model. AIP Conference Proceedings, 2048, 2018, ISSN:0094-243X, DOI:10.1063/1.5082107, 050008-1-050008-8. SJR (Scopus):0.182 SJR, непопадащ в Q категория (Scopus) Линк
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52	Korovaytseva E.A., Pshenichnov S., Bazhlekova E. , Zhelyazov T.. Non-stationary waves in a linear-viscoelastic cylinder with rigid inclusion. Problems of Strength and Plasticity, 84, 1, 2022, ISSN:1814-9146, DOI:10.32326/1814-9146-2022-84-1-5-14, 5-14. SJR (Scopus):0.145 Q4 (Scopus) Линк
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57	Bazhlekova, E. . Subordination results for a class of multi-term fractional Jeffreys-type equations. Fract. Calc. Appl. Anal., 27, 3, Springer, 2024, ISSN:1311-0454 E-ISSN:1314-2224, DOI:10.1007/s13540-024-00275-3, 1048-1072. SJR (Scopus):0.838, JCR-IF (Web of Science):2.5 Q1 (Web of Science) Линк