

ПРИЛОЖЕНИЕ 1. Публикации на ИИКТ-БАН за 2014 г

1.1. Статии в списания с импакт фактор на Thomson Reuters (39)

Излезли от печат през 2014 г. (30)

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5. Ellinghaus, P., J Weinbub, M Nedjalkov, S Selberher, and I. T. Dimov. Distributed-memory parallelization of the Wigner Monte Carlo method using spatial domain decomposition, *Journal of Computational Electronics*, Volume 13, 2014, 1-12, ISSN: 1569-8025, DOI 10.1007/s10825-014-0635-3, IF 1.372
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8. Georgiev, I., S. Margenov, *Semi-coarsening AMLI preconditioning of anisotropic trilinear FEM*, 2014, 67, Systems, Computers and Mathematics with Applications, 67, 2014, doi:10.1016/j.camwa.2014.07.030, ISSN 2103–2111 IF 1.936
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- 28.** Zlatev, Z., K. Georgiev, and I. T. Dimov. Studying absolute stability properties of the Richardson Extrapolation combined with explicit Runge–Kutta methods, *Computers & Mathematics with Applications*, Volume 67, Issue 12, 2014, 2294–2307, doi:10.1016/j.camwa.2014.02.025, ISSN: 0898-1221, IF 2.062.
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- 2.** Doukovska L., V. Atanassova, G. Shahpazov. Generalized Net Model of the Creditworthiness Financial Support Mechanism for the SMEs, *International Journal of Computing and Informatics*, Bratislava, Slovakia, ISSN 1335-9150 IF 0.319.
- 3.** Ellinghaus, P., J. Weinbub, M. Nedjalkov, Siegfried Selberherr, I. Dimov, Distributed-Memory Parallelization of Wigner Monte Carlo using Spatial Domain Decomposition. *Journal of Computational Electronics*, ISSN: 1569-8025 IF 1.372
- 4.** Ivanov, P.M., Atanassov, E. J., Jaime, C., Computational study on the intramolecular self-organization of the macrorings of some 'giant' cyclodextrins (CD_n, n = 40, 70, 85, 100), *Organic & Biomolecular Chemistry*, ISSN: 1477-0520, DOI: 10.1039/C4OB02218A, IF 3.487
- 5.** Lukin, K.A., V.V. Kudriashov, P.L. Vyplavin, V.P. Palamarchuk, S.K. Lukin, Coherent Radiometric Imaging in Range-Azimuth Plane Using Antennas With Beam

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1.2. Статии в списания, които нямат импакт фактор, но имат SJR ранг на SCOPUS (76)

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- 32.** Nacheva I., M. Doneva, Y. Todorov, P. Metodieva, D. Miteva, K. Dimov, Tsv. Tsvetkov. Innovative technologies for creation of probiotic foods, *Bulgarian Journal of Agricultural Science*, vol. 20, Issue 4, 2014, 830-833, , ISSN 1310-0351 SJR 0,164
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- 36.** Schwaha, P., M Nedjalkov, S Selberherr, JM Sellier, I. T. Dimov, and R. Georgieva. Stochastic Formulation of Newton's Acceleration, Large-Scale Scientific Computing, *Lecture Notes in Computer Science*, Volume 8353, 2014, 178-185, ISBN: 978-3-662-43879-4, SJR 0.310
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