

1. **Abramavicius D., Gulbinas V., Valkunas L.** Acceleration of charge separation by oscillations of the environment polarization. *Chem. Phys. Lett.* 368, 480-485 (2003).
2. **Abramavicius D., Valkunas L.** Geminate pair recombination in molecular systems with correlated disorder. *Phys. Rev. B* 68, 245203 (2003).
3. **Abromavičius G., Drazdys R., Skrebutėnas A., Vansevičius V.** On the accuracy of the GAIA photometry. *Baltic Astronomy*, 12, 637-638 (2003).
4. **Amulevičius A., Baltrunas D., Daugvila A., Faninn P., Perfiljev J., Pankratov D., Slavskā-Vanevskā A.** Mössbauer measurements of ferrofluids with Co-Zn ferrite nanoparticles. *Izvestiya RAN, Physics*, 67, 7, 1048-1051 (2003).
5. **Amulevičius A., Daugvila A., Davidonis, Mažeika K.** The influence of laser irradiation time on Fe-Si-C system structure. *Acta Physica Polonica A*, 104, 6 537-548 (2003).
6. **Bridžius A., Vansevičius V.** Interstellar Extinction in the GAIA Photometric Systems. *Baltic Astronomy*, 12, 624-628 (2003).
7. **Буткус Д., Константинова М.** Изучение переноса ^{137}Cs в верхнем слое почв и в растительности Литвы. *Вестник МАНЭБ*, 6, 8, 83-89 (2003).
8. **Dementjev A., Gulbinas V., Valkunas L., Motchalov I., Raaben H., Michailovas A.** Mode-locking of Neodymium lasers by glasses doped with PbS nanocrystals. *Appl. Phys. B*, 77, 595-599 (2003).
9. **Freiberg A., Rätsep M., Timpmann K., G. Trinkūnas.** Self-trapped excitons in circular bacteriochlorophyll antenna complexes. *J. Luminescence*, 102-103C, 363-368 (2003).
10. **Freiberg A., Rätsep M., Timpmann K., Trinkūnas G., Woodbury N.W.** Self-Trapped Excitons in LH2 Antenna Complexes between 5 K and Ambient Temperature. *J. Phys. Chem. B*, 107, 11510-11519 (2003).
11. **Gobets B., Valkunas L., R. van Grondelle.** Bridging the gap between the structural and lattice models: a parametrization of energy transfer and trapping in Photosystem I. *Biophys. J.* 85, 3872-3882 (2003).
12. **Kučinskas A., Lindegren L., Tanabe T., Vansevičius V.** Star formation histories with GAIA: The Galaxy and beyond. *Baltic Astronomy*, 12, 562-531 (2003).
13. **Lugauskas A., Šveistytė L., Ulevičius V.** Concentration and species diversity of airborne fungi near busy streets in Lithuanian urban areas. *Annals Agriculture and Environmental Medicine*, 10, 233-239 (2003).
14. **Lujanienė G.** Study of removal processes of ^7Be and ^{137}Cs from the atmosphere. *Czech. J. of Physics*, 53 A, 57-65 (2003).
15. **Milukaite A., Mikeliniskiene A., Girgzdiene R.** The influence of temperature and ozone levels on secondary organics formation in the atmosphere. *J. Aerosol Science*, 243-244 (2003).
16. **Plauskaite K., Gaman A.I., Aalto P., Mordas G., Ulevičius V., Lehtinen K.E.J., Kulmala M.** Characterisation of nucleation events at Preila and Hyytiälä stations. *J. Aerosol Science*, 1, 731-732 (2003).
17. **Plukiene R., Ridikas D.** Modelling of HTRs with Monte Carlo: from a Homogeneous to an Exact Heterogeneous Core with microparticles. *Annals of Nuclear Energy*, 30/15, 1573-1585. (2003).
18. **Semionov D., Stonkutė R., Vansevičius V.** Modelling the radial color profile of M31. *Baltic Astronomy*, 12, 633-636 (2003).
19. **Takagi T., Vansevičius V., Arimoto N.** Spectral Energy Distributions of Dusty Galaxies. *Publications of Astronomical Society of Japan*, 55, 385-407 (2003).
20. **Timpmann K., Ellervee A., Kuznetsov A., Laisaar A., Trinkūnas G., Freiberg A.** Self-trapped excitons in LH2 bacteriochlorophyll-protein complexes under high pressure. *J. Luminescence*, 102-103C, 220-225 (2003).
21. **Trinkūnas G.** Probing of molecular aggregates with exciton annihilation. *J. Luminescence*, 102-103C, 532-535 (2003).
22. **Ulevičius V., Bizjak M., Andriejauskiene J., Mordas G., Jasineviciene D.** Black carbon mass concentration and particle number concentration dynamics at Lithuanian coastal environment. *J. Aerosol Science*, 2, 767-768 (2003).
23. **Weiter M., Bässler H.B., Gulbinas V., Scherf U.** Transient photoconductivity in a film of ladder-type poly-phenylene: failure of the Onsager approach. *Chem. Phys. Lett.*, 379, 177-182 (2003).