

Списък на всички научни публикации - публикувани

- **Звено: (ИФТТ)** Институт по физика на твърдото тяло
- **Тип на публикацията:**
 - Научна монография
 - Глава от научна монография
 - Студия в научно списание
 - Статия в научно списание
 - Статия в сборник на научен форум
 - Студия в тематичен сборник
 - Статия в тематичен сборник
 - Научно съобщение
- **Година на публикуване:** 2016 ÷ 2016
- **Тип записи:** Всички записи

1. Anatoly Soldatov, Bogdan Doroshenko, **Ivan Kostadinov**, Yury Polunin, **Nikola Sabotinov**, Alexey Shumeiko. Computer Control of the Spectral Composition of the Powerful Laser System Irradiation with a Wide Range of Laser Transitions on Metal Vapors. MATEC Web Conf. Volume 79, 2016 VII Scientific Conference with International Participation “Information-Measuring Equipment and Technologies” (IME&T 2016), 79, EDP Sciences, 2016, 01003
2. Andreeva, T. D., Danailova, K. A., **Terziyska, P.**, Krumova, S. B., Taneva, S. G., Krastev, R.. Hofmeister anions effect on the thickness and morphology of polyelectrolyte multilayers for biofunctionalization of cardiovascular stents. Bulgarian Chemical Communications, 48, Special Issue A, 2016, ISI IF:0.349
3. **Angelov, A., Stoyanova, E.** Fiber-Optic Laser Gyroscope with Current Modulation of the Optical Power. Bulgarian Journal of Physics, 43, 2, 2016 Heron Press Ltd., 2016, ISSN:1310-0157, 100-109
4. **Antonova K., Szekeres A.,** Duta L., Stan G.E., Mihailescu N., Mihailescu I.N.. Orientation of the nanocrystallites in AlN thin film determined by FTIR spectroscopy. Journal of Physics: Conference Series, 682, IOP Science, 2016, ISSN:17426588, DOI:10.1088/1742-6596/682/1/012024, 012024. SJR:0.211
5. **Antonova, K. T., Vitkova, V.,** Mayer, C.. Membrane tubulation from giant lipid vesicles in alternating electric fields. Physical Review E, 93, APS, 2016, DOI:http://dx.doi.org/10.1103/PhysRevE.93.012413, 012413. ISI IF:2.288
6. Averlant E., Tlidi M., Thienpont H., Ackemann T., **Panajotov K.** Vector cavity solitons in broad area Vertical-Cavity Surface-Emitting Lasers. Scientific Reports, 6, Springer Nature, 2016, ISSN:ISSN 2045-2322 (online), DOI:10.1038/srep20428, 20428-1-20428-7. ISI IF:5.578
7. Averlant, E., Tlidi, M., Ackemann, T., Thienpont, H., **Panajotov, K.** Polarization properties of localized structures in VCSELs. Proceedings of SPIE - The International Society for Optical Engineering, 9892, SPIE, 2016, ISSN:0277786X, DOI:10.1117/12.2225161
8. Ayriyan, A. A., Ayrjan, E. A., Egorov, A. A., **Hadjichristov, G. B., Marinov, Y. G.,** Maslyanitsyn, I. A., **Petrov, A. G.,** Pribis, J., **Popova, L.,** Shigorin, V. D., Strigazzi, A., Torgova, S. I.. Some Features of Second Harmonic Generation in the Nematic Liquid Crystal 5CB in the Pulsed-Periodic Electric

9. Balchev, I., Tzvetkova, Kr., Kolev, S., **Terziyska, P.**, Szekeres, A., Miloushev, I., Tenev, T., Antonova, K., Peyeva, R., Ivanova, T., Avramova, I., Tzvetkov, M., Avdreev, G., Valcheva, E., Milenov, T., Tinchev, S.. Synthesis and characterization of thin amorphous carbon films doped with nitrogen on (001) Si substrates. Journal of Physics: Conference Series, 764, 1, IOP Publishing Ltd, 2016, ISSN:17426588, DOI:doi:10.1088/1742-6596/764/1/012013, SJR:0.211
10. Balli, M, Jandl, S, Fournier, P, **Dimitrov, DZ.** Giant rotating magnetocaloric effect at low magnetic fields in multiferroic TbMn₂O₅ single crystals. Applied Physics Letters, 108, 2016, 102401. ISI IF:3.142
11. Balli, M, Jandl, S, Fournier, P, **Dimitrov, DZ.** On the conventional and rotating magnetocaloric effects in multiferroic TbMn₂O₅ single crystals. arXiv, 2016, ISI IF:0.643
12. Balli, M, Mansouri, S, Jandl, S, Fournier, P, **Dimitrov, DZ.** Large rotating magnetocaloric effect in the orthorhombic DyMnO₃ single crystal. Solid State Communications, 239, 2016, 9-12. ISI IF:2.041
13. Balli, M, Mansouri, S, Roberge, B, Jandl, S, Fournier, P, **Dimitrov, DZ.** On the rotating magnetocaloric effect in multiferroic RMn₂O₅ compounds. 2016, 5 pages
14. **Berova M., Sandulov M., Tsvetkova T.,** Avramova I., Boettger R., Bischoff L.. X-Ray Photoelectron Study of Ion Implanted Tetrahedral Carbon. Przegląd Elektrotechniczny, 92, 8, 2016, ISBN:0033-2097, DOI:doi:10.15199/48.2016.08.16, 59-61. SJR:0.244
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17. Bian, C, Lin, R, Zhang, X, Ma, Q D Y, **Ivanov, P Ch.** Scaling laws and model of words organization in spoken and written language. EPL (Europhysics Letters), 113, 1, IOP, 2016, ISSN:0295-5075, DOI:10.1209/0295-5075/113/18002, 18002-1-18002-6. ISI IF:1.963
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19. **Blagoev, B. S., Vlahov, E,** Videkov, V., Tzaneva, B., Łuka, G., Witkowski, B. S., Terziyska, P., Leclercq, J., Krajewski, T. A., Guziewicz, E., **Dimitrov, D. Z., Mehandzhiev, V. B., Sveshtarov, P.** Atomic Layer Deposition of ZnO:Al on PAA substrates. Journal of Physics: Conference Series, 764, 1, IOP Publishing, 2016, ISSN:1742-6596, DOI:10.1088/1742-6596/764/1/012004, 012004. SJR:0.211
20. Blaha, S., Averlant, E., **Panajotov, K.,** Tlidi, M.. Self-organized light bullets in type-I intracavity second-harmonic generation. Proceedings of SPIE - The International Society for Optical Engineering, 9892, SPIE, 2016, ISSN:0277786X, DOI:10.1117/12.2230311

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