

Список основных публикаций сотрудников ведущей организации
ФГБОУВПО «Санкт-Петербургский государственный морской технический
университет», за последние 5 лет

1. M.C.Hoffmann, **B.S.Monozon**, D.Livshits, E.U.Rafailiv, and D.Turchinovich, “Terahertz electro-absorption effect enabling femtosecond all-optical switching in semiconductor quantum dots”, // Appl. Phys. Lett. 97, 231108, 2010
2. **B.S.Monozon** and P.Schmelcher, “Optical absorption by excitons in semiconductor quantum wells in tilted magnetic and electric fields”,// Phys. Rev B 82, 205313, 2010
3. **B.S.Monozon**, and P.Schmelcher, “Bound and resonant Impurity states in a narrow gapped armchair graphene nanoribbon”, //Phys. Rev B 86, 245404, (2012)
4. **B.S.Monozon**, and P.Schmelcher, “Impurity electrons in narrow electric field biased armchair graphene nanoribbons”,// Phys. Rev B 90, 125313, (2014)
5. Alexey Verkhovtsev, Sally McKinnon, Pablo de Vera, Eugene Surdutovich, Susanna Guatelli, **Andrei V. Korol**, Anatoly Rosenfeld, and Andrey V. Solov'yov, «“Comparative analysis of the secondary electron yield from carbon nanoparticles and pure water medium” // European Physical Journal D 69, 116, (2015)
6. A.V. Verkhovtsev, **A. V. Korol**, A.V. Solov'yov, “Revealing the mechanisms of the low-energy electron yield enhancement from sensitizing nanoparticles” //Physical Review Letters 114, 06340, (2015)
7. A.V. Verkhovtsev, **A. V. Korol**, A.V. Solov'yov, “Electron production by sensitizing gold nanoparticles irradiated by fast ions”// Journal of Physical Chemistry C 119, 11000, (2015)
8. A.V. Verkhovtsev, **A.V. Korol**, A.V. Solov'yov, “Quantum and classical phenomena in photoionization of carbon nanostructures” //Journal of Physics: Conference Series 490 (1), 012159, (2014)