

Сведения о ведущей организации:

полное наименование и сокращенное наименование

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список основных публикаций работников ведущей организации по теме диссертации за последние 5 лет (не более 15 публикаций)

1. Sysoev V.I., Gurova O.A., Fedoseeva Y.V., Gusel'nikov A.V., Makarova A.A., Okotrub A.V., Bulusheva L.G. Tuning humidity sensing properties via grafting fluorine and nitrogen-containing species on single-walled carbon nanotubes // Phys. Chem. Chem. Phys. – 2023. – V. 25. – P. 19976.
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3. Okotrub A.V., Gorodetskiy D.V., Gusel'nikov A.V., Kondranova A.M., Bulusheva L.G., Korabovska M., Meija R., Ertz D. “Distribution of Iron Nanoparticles in Arrays of Vertically Aligned Carbon Nanotubes Grown by Chemical Vapor Deposition” // Materials. – 2022. – V. 15. – № 19 – P. 6639.
4. Rybkovskiy D. V., Koroteev V.O., Impellizzeri A., Vorfolomeeva A.A., Gerasimov E.Y., Okotrub A. V., Chuvilin A., Bulusheva L.G., Ewels C.P. «“Missing” One-Dimensional Red-Phosphorus Chains Encapsulated within Single-Walled Carbon Nanotubes» // ACS Nano. – 2022. – V. 16. – № 4. – P. 6002–6012.
5. Sedelnikova O. V., Sysoev V.I., Gurova O.A., Ivanov Y.P., Koroteev V.O., Arenal R., Makarova, A.A., Bulusheva L.G., Okotrub A. V. «Role of interface interactions in the sensitivity of sulfur-modified single-walled carbon nanotubes for nitrogen dioxide gas sensing» // Carbon. – 2022. – V. 186. – P. 539–549.

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7. Sedelnikova O.V., Gorodetskiy D.V., Kurennya A.G., Baskakova K.I., Shlyakhova E.V., Makarova A.A., Gorokhov G.V., Bychanok D.S., Kuzhir P.P., Maksimenko S.A., Bulusheva L.G., Okotrub A.V. Laser patterning of aligned carbon nanotubes arrays: Morphology, surface structure, and interaction with terahertz radiation // *Materials*. – 2021. – V. 14. – № 12. – P. 3275.
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