

Publications of P.D. Murzin

1. Solid-state synthesis, characterization, UV-induced coloration and photocatalytic activity - The Sr₆Bi₂O₁₁, Sr₃Bi₂O₆ and Sr₂Bi₂O₅ bismuthates, DOI: 10.1016/j.cattod.2018.09.035
2. METHOD OF PRODUCING PHOTOACTIVE COMPOSITE WITH BACTERIAL ICE PROPERTIES, RU 2683321 2019
3. *Effect of resonance dipole-dipole interaction on the infrared spectra of adsorbed CF₄. Experimental investigation and theoretical modeling*, Journal Photochem. Photobiol. A Chem., 2017 <http://dx.doi.org/10.1016/j>.
4. “Distortions in IR Spectra Related to the Registration Conditions: I. The Influence of the Reflection from Interfaces”, Optics and Spectroscopy, 2016. <http://dx.doi.org/10.1134/>
5. “Influence of the Dopant Concentration on the Photocatalytic Activity: Al-Doped TiO₂”, The Journal of Physical Chemistry C, 2015. <http://dx.doi.org/10.1021/acs>.
6. “CHF₃ as a probe for surface basicity”, Catalysis Today, 2014 <http://dx.doi.org/10.1016/j>.