

List of publications

1. Logvinova A.M., Shatskiy A., Wirth R., Tomilenko A.A., Ugap'eva S.S., Sobolev N.V. Carbonatite melt in type Ia gem diamond. *Lithos*, 2019, 342–343, 463–467
2. Murri M., Smith R.L., McColl K., Hart M., Alvaro M., Jones A.P., Németh P., Salzmann C.G., Corà F., Domeneghetti M.C., Nestola F., Sobolev N.V., Vishnevsky S.A., Logvinova A.M., McMillan P.F. Quantifying hexagonal stacking in diamond. *Scientific Reports*, 2019, 9:10334.
3. Nestola F., Zaffiro G., Mazzucchelli M.L., Nimis P., Andreozzi G.B., Periotto B., Princivalle F., Lenaz D., Secco L., Pasqualetto L., Logvinova A.M., Sobolev N.V., Lorenzetti A., Harris J.W. Diamond-inclusion system recording old deep lithosphere conditions at Udachnaya (Siberia). *Scientific Reports*, 2019, 9: 12586.
4. Sobolev N.V., Logvinova A.M., Tomilenko A.A., Wirth R., Bul'bak T.A., Luk'yanova L.I., Fedorova E.N., Reutsky V.N., E.S. Efimova Mineral and fluid inclusions in diamonds from the Urals placers, Russia: Evidence for solid molecular N₂ and hydrocarbons in fluid inclusions. *Geochimica et Cosmochimica Acta*, 2019, 266, 197–219. <https://doi.org/10.1016/j.gca.2019.08.028>
5. Sobolev N.V., Tomilenko A.A., Bul'bak T.A., Logvinova A.M. Composition of Hydrocarbons in Diamonds, Garnet, and Olivine from Diamondiferous Peridotites from the Udachnaya Pipe in Yakutia, Russia. *Engineering*, 2019, 5, 471–478.