

## List of publications

1	On the Magnetoresistance Maximum Observed in the Intermediate Magnetic Field Region for the Two-Dimensional Hole Gas in a Strained Si 0.05Ge0.95 Quantum Well	Print.	JLTP, v. <b>168</b> , № 5-6, 285-291, 2012	7	Berkutov I.B., Komnik Yu.F., Hackbarth T., Leadley D.R., Mironov O.A.
2	Magnetotransport studies of SiGe-based p-type heterostructures: problems of the effective mass determination	Print.	Low Temp. Phys., <b>38</b> , № 12, 1455-1463, 2012	9	Berkutov I.B., Komnik Yu.F., Kolesnichenko Yu.A., Morris R.J.H., Leadley D.R., and Mironov O.A.
3	Kinetic properties of the two-dimensional conducting system formed by CrSi <sub>2</sub> nanocrystallites in plane (111) of silicon	Print.	Elsevier, Physica status solidi (b) <b>251</b> (3), 601-608, 2014	8	Yu. F. Komnik, I.B. Berkutov, I.G. Mirzoiev, N.G. Galkin, D.L. Goroshko
4	The 2D conducting system formed by nanocrystallites CrSi <sub>2</sub> in the (111) plane of silicon: New object	Print.	Elsevier, Physica E: Low-dimensional Systems and Nanostructures <b>64</b> , 165-168, 2014	8	Yu. F. Komnik, I.B. Berkutov, I.G. Mirzoiev, N.G. Galkin, D.L. Goroshko
5	Magnetoresistance and electrical resistivity of N-doped multi-walled carbon nanotubes at low temperatures	Print.	Elsevier, Physica status solidi (b) <b>252</b> (6), 1402-1409, 2015	8	I.V. Ovsienko, T.A. Len, L. Yu. Matsuy, Yu. I. Prylutsky, I.B. Berkutov, Yu. F. Komnik, I.G. Mirzoiev, G.E. Grechnev, Yu. A. Kolesnichenko, R. Hayn, P. Scharff
6	Interference effects in silicon-germanium heterostructures with quantum wells of different widths	Print.	ФТІНТ НАН України, Low Temperature Physics <b>42</b> (2), 111-118, 2016	8	I.B. Berkutov, Yu.F. Komnik, Yu.A. Kolesnichenko, A.I. Berkutova, D.R. Leadley, O.A. Mironov
7	Germanium quantum well with two subbands occupied: kinetic properties	Print.	ФТІНТ НАН України, Low Temperature Physics <b>43</b> (10), 1208-1213, 2017	6	I.B. Berkutov, Yu.F. Komnik, O.A. Mironov
8	The overheating effects in germanium quantum well with two subbands occupied	Print.	ФТІНТ НАН України, Low Temperature Physics <b>44</b> (8), 797-802, 2018	6	I.B. Berkutov, Yu. A. Kolesnichenko, Yu. F. Komnik, O.A. Mironov