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Velinov N.I., Petrova T.M., Ivanov I.B., Tabakova T.T., Idakiev V.D., Mitov I.G.
- T03-37 Local states of iron atoms and ⁵⁷Fe hyperfine interactions in lithium iron phosphates doped with magnesium
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- T04-1 Spleen tissues from patients with lymphoma: magnetization measurements and Mössbauer spectroscopy
Alenkina I.V., Vinogradov A.V., Konstantinova T.S., Felner I., Oshtrakh M.I.
- T04-2 Mössbauer spectroscopy of the chloroplast-targeted dnaj-like proteins CDJ3 and CDJ4
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- T04-3 Analysis of iron in Tibetan pills
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- T04-4 Mössbauer study of biopolymer films cross-linked by iron ions
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- T04-5 Mössbauer study of magnetite–silica nanoparticles
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- T04-6 Mössbauer and magnetic studies of Substituted Mg-Ferrites for mediated hyperthermia
Kabanov V.M., Kiseleva T.Yu., Ilyushin A.S., Markov G.P., Sangaa D., Hirazawa H.
- T04-7 Mössbauer and Microscopic Study of Cyanobacterium Spirulina platensis
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- T04-8 Magnetic polylactic acid fibrous membranes studied via Mössbauer spectroscopy for biomedical applications
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- T04-9 Nuclear inelastic scattering at the diiron center of ribonucleotide reductase from escherichia coli
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- T04-10 Mössbauer spectroscopy and DFT calculations on all protonation states of the 2Fe-2S cluster of the rieske protein
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- T04-11 Magnetic lipid nanoparticles for drug delivery: a preliminary study
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- T04-12 Mössbauer study of magnetite nanoparticles for magnetic hyperthermia
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- T04-13 Mössbauer-studies of the peroxy-diiron(III) intermediate of deoxyhypusine hydroxylase
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- T04-14 Core-shell nanoparticles: synthesis and study of their structure and magnetic properties for the development of the medical diagnostic systems
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Ahmed M., Tatarchuk T., Paliychuk N.D.
- T05-2 Unusual spin-crossover Behavior within the family of Iron(III) salicylaldimines
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- T05-3 Magnetic studies on $Zn^{2+}Fe_2^{3+}(P_2O_7)_2$ and $Zn_{0.5}^{2+}Cu_{0.5}^{2+}Fe_2^{3+}(P_2O_7)_2$
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- T05-4 Specific Heat and Mössbauer Spectra of Double Perovskites Containing Both Rare Earth and Osmium
Hinatsu Y., Doi Y., Wakshima M.
- T05-5 Development of emission color tunable transparent film based on nafion with proton-responsive europium(III) and terbium(III) complexes
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- T05-6 Benchmark study of DFT with Eu and Np Mössbauer isomer shifts using second-order Douglas-Kroll-Hess Hamiltonian
Kaneko M., Watanabe M., Miyashita S., Nakashima S.

- T05-7 Mössbauer investigation of products of electric arc synthesis Fe-carbon nanoclusters
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- T05-8 Phase composition and magnetic state of Fe-carbon nanoclusters according to Mössbauer and mass spectroscopy data
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- T05-9 Mössbauer study of novel Fe(II) complexes synthesized with schiff bases
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- T05-10 TIN(II) and TIN(IV) halides and their combination with alkali and alkaline earth metal halides
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- T05-11 Tuning Spin Transitions of Iron(II)-DPP Systems
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- T05-12 Characterization of the Light Induced Excited Spin State of a FePt₂ complex by Mössbauer spectroscopy
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- T05-13 Characterization of Iron Ligand Vibrations in a Fe(II) Complex by Nuclear Inelastic Scattering
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- T05-14 Formation of YFeO₃ nanocrystals via heat treatment of glycine–nitrate combustion products
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- T05-15 Mössbauer study of Iron(III) oxide reduction with different isotope content
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- T05-16 Mössbauer Investigation of Schiff Base Iron(III) Coordination Compounds
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- T05-17 DeNOx active iron sites in iron loaded ZSM-5
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- T05-18 Rare Spin-State Transformations in Iron(III)-Based Molecular Materials
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- T05-19 ⁹⁹Ru Mössbauer spectroscopic study of Na₂RuO₃ for a cathode material of Na-Ion batteries
Takahashi K., Kobayashi Y., Haba H., Ueno H.
- T05-20 Chemical reactions of localized Fe atoms in ethylene and acetylene matrices at low temperatures using in-beam Mössbauer spectroscopy
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- T05-21 The influence of KNO₃ impregnation on an Fe-based NH₃ synthesis/decomposition catalyst
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- T05-22 Nuclear Inelastic Scattering Studies of 1D- and 3D Polynuclear Spin Crossover Complexes of Fe(II) Urea-Triazoles
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T06 Earth Science and Mineralogy

- T06-01 Characterizing hyperfine signatures of individual mineral grains in meteorites using Synchrotron Mössbauer Microscope
Agresti D., Alp E.E., Toellner T.S., Zhao J., Hu M.Y., Bi W., Boesenber J., Hoskin J., Corrigan C., McCoy T.

- T06-1 Study of Iron Compounds Transformations By Syntrophic Culture: *Contubernalis Alkalacetum* and *Geoalkalibacter Ferrihydriticus*
Antonova A.V., Zavarzina D.G., Chistyakova N.I., Gracheva M.A., Zhilina T.N., Rusakov V.S.
- T06-2 A Mössbauer effect study of a North West Africa stony meteorite
Costa B.F.O., Ferreira L.M.G., Alves E.I., Gonçalves M.
- T06-3 Protohematite and hydrohematite investigated by Mössbauer spectroscopy and Karl Fischer titration
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- T06-4 Mössbauer study of Sturmanite
Dedushenko S.K., Baltrunas D., Chuev M.A., Perfiliev Yu.D., Reklaitis J.
- T06-5 Ab initio calculation of electric-field gradient on kirschsteinite
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- T06-6 ^{57}Fe Mössbauer Study of the Coolidge meteorite
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- T06-7 Temperature-induced Fe^{2+} oxidation in bafertisite: Mössbauer spectroscopic and X-ray diffraction study
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- T06-8 Mössbauer spectroscopy of mundrabilla and gibeon iron meteorites: preliminary comparison
Goryunov M.V., Oshtrakh M.I., Klencsár Z., Kuzmann E., Grokhovsky V.I., Semionkin V.A.
- T06-9 Mössbauer Study of Iron Minerals Transformations by Species of the Genus *Fuchsiella*
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- T06-10 Anion order in interlayers matching Fe^{III} order in layers of $\text{Fe}^{\text{II-III}}$ hydroxysalts (Green Rusts)
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- T06-11 The fougèrite group minerals, trébeurdenite and mössbauerite, in gleysols of aquifers and maritime marshes
Génin J.-M.R., Christy A., Guérin O., Herbillon A., Kuzmann E., Mills S., Ruby C., Upadahay C.
- T06-12 Mössbauer study of biofilms originated from gellért hill, Buda thermal karst, Hungary
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- T06-13 Slow mackinawite reactions in aqueous solutions
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- T06-14a Mössbauer spectroscopic study of goethite; hematite and siderite ores
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- T06-14b Mössbauer study of natural glauconite and biotite biogenic transformation
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- T06-16 Mössbauer Spectroscopic Study on the Composition of Fe-Containing Minerals in Chondrites
Sato W., Nakagawa M., Shirai N., Ebihara M.

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- T07-1 Studies on archaeological ceramics from the Pedra do Cantagalo I site, Piripiri, Piauí, Brazil
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- T07-2 Mössbauer Study of butt-joint clay material from log building in the Toretskoe Settlement
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- T07-3 [⁵⁷Fe-Mössbauer Studies on color pigments](#)
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- T07-4 [Comparison of green commercial pigments, olivine from Hawaii and the Klimt-Secco via ⁵⁷Fe-Mössbauer spectroscopy](#)
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- T08-3 [Mössbauer spectroscopy under acoustical excitation: thick target effects](#)
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- T09-1 [Revealing site-specific Sb vibrations in antimonates](#)
Alexeev P., Hermann R.P., Wille H.-C., Leupold O., Sergueev I.
- T09-2 [Inelastic scattering studies of lattice dynamics in bacterial nanoparticles](#)
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- T09-3 [⁵⁷Fe nuclear resonant inelastic scattering of iron-based superconductor parent compound, Fe_{1.1}Te](#)
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- T09-4 [Phonons in the filled skutterudites under high pressure](#)
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- T10-1 [Remote access Mössbauer spectrometer for distance education in Russia](#)
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- T10-2 [Simultaneous Fitting of Spectra using Simple Linear or Debye Approximations](#)
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- T10-3 [On the use of iron\(II\) complex cyanides in Mössbauer measurements](#)
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- T10-4 [Happy Sloth PC Program for Mössbauer Spectra Fitting](#)
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- T10-5 [On the optimal parameters selection for the Mössbauer transmission experiment](#)
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- T10-7 [Fast Detectors and Electronics for Nuclear Resonant Scattering](#)
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- T10-8 Polycapillary for focusing gamma rays - applied in ^{57}Fe transmission Mössbauer spectrometer
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- T10-9 Gravitational gamma-resonance spectrometry of long-lived isomers and the possibility
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- T10-10 Mössbauer monitoring of alloys homogeneity
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- T10-11 Control of the velocity driving system in Mössbauer spectrometers using the standard
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- T10-12 New scientific opportunities for Nuclear Resonant Scattering at Beamline P01
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