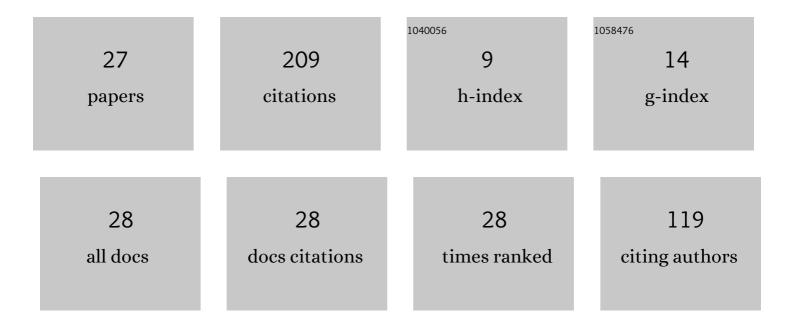
Kira Seleznyova

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Iron Borate Based Crystals, Trigonal Weak Ferromagnets With Zero Orbital Moment: Synthesis and Modelling of Intracrystalline Interactions. IEEE Transactions on Magnetics, 2022, 58, 1-4. | 2.1 | 2 |
| 2 | Effect of magnetoelastic interaction on the thermal expansion of the trigonal crystal FeBO3. Journal of Magnetism and Magnetic Materials, 2022, 560, 169658. | 2.3 | 4 |
| 3 | Structural perfection of Fe1-Ga BO3 single crystals designed for nuclear resonant synchrotron experiments. Journal of Alloys and Compounds, 2021, 889, 161702. | 5.5 | 5 |

| 5 | Structural transformations of gallium borate GaBO3 single crystals under nickel doping. Journal of Crystal Growth, 2020, 546, 125781. | 1.5 | 0 |
|----|--|-----|----|
| 6 | Flux growth, structure refinement and Mössbauer studies of Fe _{1–} <i> _{<i>x</i>} </i> Ga <i> _{<i>x</i>} </i> BO ₃ single crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 1100-1108. | 1,1 | 10 |
| 7 | Dzyaloshinskii-Moriya interaction constant in iron-gallium borate single crystals. Journal of Physics: Conference Series, 2020, 1697, 012083. | 0.4 | 2 |
| 8 | Synthesis of composite single crystal structures on the basis of iron borate for fundamental studies and practical applications. Journal of Physics: Conference Series, 2020, 1697, 012063. | 0.4 | 0 |
| 9 | Electron magnetic resonance of iron-gallium borate single crystals. Journal of Applied Physics, 2019, 125, . | 2.5 | 15 |
| 10 | Anisotropic energy gap of low-frequency AFMR mode in Fe _x Ga _{1-x} BO ₃ single crystals. Journal of Physics: Conference Series, 2019, 1400, 044016. | 0.4 | 5 |
| 11 | Exchange energy in diamagnetically diluted iron borate-based crystals. Journal of Physics: Conference Series, 2019, 1400, 044023. | 0.4 | 4 |
| 12 | New insight in the nature of surface magnetic anisotropy in iron borate. Surface Science, 2018, 668, 80-84. | 1.9 | 10 |
| 13 | Development of a Synthesis Technique and Characterization of High-Quality Iron Borate FeBO ₃ Single Crystals for Applications in Synchrotron Technologies of a New Generation. Crystal Growth and Design, 2018, 18, 7435-7440. | 3.0 | 29 |
| 14 | Fitting MAS NMR spectra in crystals with local disorder: Czjzek's vs. Maurer's model for 11 B and 71 Ga in polycrystalline gallium borate. Solid State Nuclear Magnetic Resonance, 2017, 85-86, 12-18. | 2.3 | 7 |
| 15 | Understanding the magnetocrystalline anisotropy of iron borate. , 2017, , . | | 1 |
| 16 | Nature of magnetocrystalline anisotropy in the basal plane of iron borate. Journal of Magnetism and Magnetic Materials, 2017, 442, 417-422. | 2.3 | 11 |
| 17 | New insight in the magnetocrystalline anisotropy of iron borate. , 2017, , . | | 0 |
| 18 | Reply to Comment on â€~Modelling the magnetic dipole'. European Journal of Physics, 2016, 37, 058002. | 0.6 | 2 |

KIRA SELEZNYOVA

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Iron borate films: Synthesis and characterization. Journal of Magnetism and Magnetic Materials, 2016, 417, 338-343. | 2.3 | 13 |
| 20 | Modelling the magnetic dipole. European Journal of Physics, 2016, 37, 025203. | 0.6 | 27 |
| 21 | On the Dependence of the Electron Paramagnetic Resonance Line Intensities on the Microwave Field Orientation. Applied Magnetic Resonance, 2015, 46, 1323-1330. | 1.2 | 1 |
| 22 | 11B MAS NMR study of Ga1â^'xFexBO3 mixed crystals. Solid State Nuclear Magnetic Resonance, 2015, 70, 38-42. | 2.3 | 12 |
| 23 | Fe x Ga1â^'x BO3 single crystals: synthesis and characterization. Applied Physics A: Materials Science and Processing, 2015, 121, 179-185. | 2.3 | 20 |
| 24 | Iron borate based monocrystals for research in magneto-ordered state physics. , 2014, , . | | 1 |
| 25 | Iron-doped gallium borate crystals: Synthesis and ESR study of local disorder. , 2014, , . | | 0 |
| 26 | Electron paramagnetic resonance of Fe ³⁺ in gallium borate: Superposition model analysis. Physica Status Solidi (B): Basic Research, 2014, 251, 1393-1400. | 1.5 | 16 |
| 27 | Ferro-gallium borate single crystals for nuclear resonance synchrotron experiments. IOP Conference Series: Materials Science and Engineering, 0, 525, 012048. | 0.6 | 8 |