

# Tatiana Kuzmicheva

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

304  
citations

933447

10  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	“Break-junction” technique in application to layered superconductors (Review Article). Low Temperature Physics, 2016, 42, 1008-1027.	0.6	33
2	Experimental study of the intrinsic multiple Andreev reflections effect in GdO(F)FeAs superconductor array junctions. Europhysics Letters, 2013, 102, 67006.	2.0	31
3	Lower critical field and SNS-Andreev spectroscopy of 122-arsenides: Evidence of nodeless superconducting gap. Physical Review B, 2014, 90, .	3.2	31
4	Andreev spectroscopy of iron-based superconductors: temperature dependence of the order parameters and scaling of $\Delta_{\{L, S\}}$ with $T_{\{m C\}}$ . Physics-Uspekhi, 2014, 57, 819-827.	2.2	29
5	Multiple andreev reflections spectroscopy of superconducting LiFeAs single crystals: Anisotropy and temperature behavior of the order parameters. JETP Letters, 2014, 98, 722-730.	1.4	22
6	Evolution of superconducting gaps in Th-substituted $\text{Sm}_{1-x}\text{Th}_x\text{FeAsO}$ studied by multiple Andreev reflection spectroscopy. Physical Review B, 2017, 95, .	3.2	20
7	Determination of the electron-phonon coupling constants from the experimental temperature dependences of superconducting gaps in MgB <sub>2</sub> . JETP Letters, 2014, 99, 295-302.	1.4	17
8	On the structure of the superconducting order parameter in high-temperature Fe-based superconductors. Physics-Uspekhi, 2017, 60, 419-429.	2.2	16
9	Crystal growth, transport phenomena and two-gap superconductivity in the mixed alkali metal $(\text{K}_{1-z}\text{Na}_z)_x\text{Fe}_{2-y}\text{Se}_2$ iron selenide. CrystEngComm, 2014, 16, 6919-6928.	2.6	15
10	Vortex Structure and Anisotropic Superconducting Gaps in Ba[Fe(Ni)] <sub>2</sub> As <sub>2</sub> . Journal of Superconductivity and Novel Magnetism, 2016, 29, 3059-3064.	1.8	11
11	Amplitudes of minima in dynamic conductance spectra of the SNS Andreev contact. Journal of Applied Physics, 2020, 128, 013901.	2.5	11
12	Superconducting order parameter and bosonic mode in hydrogen-substituted $\text{NdFeAsO}_{1-x}\text{H}_x$ revealed by multiple-Andreev-reflection spectroscopy. Physical Review B, 2019, 100, .	3.2	10
13	Multiple Andreev Reflection Spectroscopy of Optimally Doped Ba(Fe, Ni) <sub>2</sub> As <sub>2</sub> Superconducting Pnictides. JETP Letters, 2020, 112, 786-792.	1.4	10
14	Observation of bosonic resonances in GdO <sub>1-x</sub> F <sub>x</sub> FeAs by intrinsic multiple Andreev reflection effect spectroscopy. JETP Letters, 2017, 105, 671-676.	1.4	8
15	Experimental Evidence of Three-Gap Superconductivity in LiFeAs. JETP Letters, 2020, 111, 350-356.	1.4	8
16	Electronic and Superconducting Properties of the AFeAs (A = Li, Na) Family Alkali-Metal Pnictides: Current Stage of the Research (Brief Review). JETP Letters, 2021, 114, 630-642.	1.4	6
17	Evidence of a multiple boson emission in $\text{Sm}_{1-x}\text{Th}_x\text{OFeAs}$ . Europhysics Letters, 2017, 119, 17007.	2.0	5
18	Superconducting gap symmetry in the superconductor BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> . Physical Review B, 2018, 97, .	3.2	5

#	ARTICLE	IF	CITATIONS
19	Superconducting order parameters in overdoped $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$ revealed by multiple Andreev reflection spectroscopy of planar break junctions. Physical Review B, 2021, 104, .	3.2	5
20	Intrinsic Multiple Andreev Reflections in Layered Th-Doped $\text{Sm}_{1-x}\text{Th}_x\text{OFeAs}$ . Journal of Superconductivity and Novel Magnetism, 2016, 29, 673-677.	1.8	4
21	Structure and Anisotropy of the Superconducting Order Parameter in $\text{Ba}_{0.65}\text{K}_{0.35}\text{Fe}_2\text{As}_2$ Probed by Andreev Spectroscopy. JETP Letters, 2018, 107, 42-47.	1.4	3
22	Characteristics of superconducting subsystems in magnesium diborides and iron oxypnictides from data on spectroscopy of multiple Andreev reflections. Low Temperature Physics, 2019, 45, 1161-1171.	0.6	2
23	Multiple-Band Andreev Transport in Optimally Doped Superconducting Oxypnictides. JETP Letters, 2020, 112, 491-497.	1.4	1
24	Multiple Andreev reflections effect spectroscopy of $\text{LiFeAs}$ single crystals: three superconducting order parameters and their temperature evolution. SN Applied Sciences, 2022, 4, .	2.9	1