

Sangyun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

114
citations

1478505

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1281871

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14
all docs

14
docs citations

14
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of extremely large magnetoresistance in the candidate type-II Weyl semimetal $\text{MoTe}_2\text{â}^x$. Scientific Reports, 2018, 8, 13937.	3.3	36
2	Enhanced critical current density in the pressure-induced magnetic state of the high-temperature superconductor FeSe. Scientific Reports, 2015, 5, 16385.	3.3	25
3	A peak in the critical current for quantum critical superconductors. Nature Communications, 2018, 9, 434.	12.8	15
4	Indium-Free Amorphous $\text{Caâ}^{\text{Alâ}}\text{O}$ Thin Film as a Transparent Conducting Oxide. Chemistry of Materials, 2019, 31, 8019-8025.	6.7	9
5	Evidence of shallow band gap in ultrathin $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle T_c \langle \text{mml:mj} \rangle \langle \text{mml:mathvariant="normal"} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ via infrared spectroscopy. Physical Review B, 2020, 101, .	3.2	7
6	Pressure dependence of upper critical fields in FeSe single crystals. Superconductor Science and Technology, 2016, 29, 035007.	3.5	6
7	Synthesis and characterization of the heavy-fermion compound $\text{CePtAl}_4\text{Ge}_2$. Journal of Alloys and Compounds, 2018, 738, 550-555.	5.5	5
8	Tuning the charge density wave quantum critical point and the appearance of superconductivity in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ti} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Se} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review Research, 2021, 3, .	3.6	4
9	Spectroscopic evidence for two-gap superconductivity in the quasi-1D chalcogenide $\text{Nb}_{2}\text{Pd}_{0.81}\text{S}_5$. Journal of Physics Condensed Matter, 2018, 30, 165401.	1.8	3
10	Synthesis of heavy fermion CeCoIn_5 thin film via pulsed laser deposition. Current Applied Physics, 2019, 19, 1338-1342.	2.4	2
11	Evolution of antiferromagnetism in Zn-doped heavy-fermion compound $\langle \text{mml:math} \rangle$		