

# Mengze Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7061779/publications.pdf>

Version: 2024-02-01

29  
papers

493  
citations

687363

13  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

965  
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Series of phase transitions and multiferroicity in the quasi-two-dimensional spin-<math>\frac{1}{2}</math> antiferromagnet <math>\text{Ba}_3\text{O}_9</math>. Physical Review B, 2019, 100, 020407.</p> <p>Reduction of the Spin Susceptibility in the Superconducting State of <math>\text{Sr}_2\text{RuO}_4</math> Observed by Polarized Neutron Scattering. Physical Review Letters, 2020, 125, 217004.</p>	3.2	60
2	Detection of Acoustic Plasmons in Hole-Doped Lanthanum and Bismuth Cuprate Superconductors Using Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2020, 125, 257002.	7.8	41
4	Competition Between Antiferromagnetism and Ferromagnetism in $\text{Sr}_2\text{RuO}_4$ Probed by Mn and Co Doping. Scientific Reports, 2013, 3, 2950.	3.3	39
5	Unusual interlayer quantum transport behavior caused by the zeroth Landau level in $\text{YbMnBi}_2$ . Nature Communications, 2017, 8, 646.	12.8	35
6	Multistep synthesis of the $\text{SrFeO}_2\text{F}$ perovskite oxyfluoride via the $\text{SrFeO}_2$ infinite-layer intermediate. Journal of Fluorine Chemistry, 2014, 159, 8-14.	1.7	30
7	Tuning the Magnetic Exchange via a Control of Orbital Hybridization in $\text{Cr}_2\text{O}_3$ .		

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19	<p>Local ferromagnetism of <math>Cu_xFe_{1-x}As_y</math> and its evolution with Co doping. Physical Review B, 2015, 91, .</p> <p>Pressure-induced electronic and magnetic phase transitions in a Mott insulator: Ti-doped <math>Ca_3Ru_2O_7</math> bilayer ruthenate. Physical Review B, 2016, 94, .</p> <p>Comprehensive magnetic phase diagrams of the polar metal <math>C_{1-x}Co_x</math></p>	3.2	7
20	<p>Pressure-induced electronic and magnetic phase transitions in a Mott insulator: Ti-doped <math>Ca_3Ru_2O_7</math> bilayer ruthenate. Physical Review B, 2016, 94, .</p> <p>Comprehensive magnetic phase diagrams of the polar metal <math>C_{1-x}Co_x</math></p>	3.2	7
21	<p>Comprehensive magnetic phase diagrams of the polar metal <math>C_{1-x}Co_x</math></p>		