

Alice E Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

644
citations

623699

14
h-index

794568

19
g-index

19
all docs

19
docs citations

19
times ranked

1136
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of magnetic excitation gap in double perovskite $\text{Sr}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2018, 98, .		
2	Behavior of the breathing pyrochlore lattice $\text{Ba}_3\text{Yb}_2\text{Zn}_5\text{O}_{11}$ in applied magnetic field. Journal of Physics Condensed Matter, 2018, 30, 455801.	1.8	11
3	Spin-orbit coupling controlled ground state in $\text{Sr}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2016, 93, .	7.8	31
4	Strong anisotropy within a Heisenberg model in the insulating state of $\text{Sr}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2016, 94, .	3.2	6
5	Extended magnetic exchange interactions in the high-temperature ferromagnet MnBi . Applied Physics Letters, 2016, 108, .	3.3	32
6	Spin-orbit coupling control of anisotropy, ground state and frustration in $5d_2$ $\text{Sr}_2\text{MgOsO}_6$. Scientific Reports, 2016, 6, 32462.	3.3	25
7	Spin-orbit coupling controlled ground state in $\text{Sr}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2016, 93, .	7.8	31
8	Anisotropic Exchange within Decoupled Tetrahedra in the Quantum Breathing Pyrochlore $\text{Ba}_3\text{Yb}_2\text{Zn}_5\text{O}_{11}$. Physical Review Letters, 2016, 116, 257204.	7.8	55
9	Slater Insulator in Iridate Perovskites with Strong Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 176603.	7.8	36
10	Magnetic order and electronic structure of the $5d_2$ perovskite $\text{Sr}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2015, 91, .	3.2	58
11	Influence of interstitial Mn on magnetism in the room-temperature ferromagnet MnO . Physical Review B, 2015, 91, .	3.2	19
12	Structural and magnetic phase transitions in CeCu_6 .		

#	ARTICLE	IF	CITATIONS
19	Crystal structure of the rhombohedral phase of $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ ceramics at room temperature. Physical Review B, 2009, 80, .	3.2	87