

James S Schilling

List of Publications by Year in descending order

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16
papers

623
citations

932766

10
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconducting Phase Diagram of Li Metal in Nearly Hydrostatic Pressures up to 67 GPa. Physical Review Letters, 2003, 91, 167001.	2.9	176
2	Pressure as a parameter in the study of dilute magnetic alloys. Advances in Physics, 1979, 28, 657-715.	35.9	136
3	Possible origin of the resistivity maximum in heavy-fermion systems. Physical Review B, 1986, 33, 1667-1670.	1.1	57
4	The use of high pressure in basic and materials science. Journal of Physics and Chemistry of Solids, 1998, 59, 553-568.	1.9	55
5	Effect of Pressure on the Kondo Temperature of Cu:Fe—Existence of a Universal Resistivity Curve. Physical Review B, 1973, 8, 1216-1227.	1.1	54
6	Incipient magnetic order in CeCu ₆ . Physical Review B, 1988, 38, 2603-2607.	1.1	43
7	Pressure-dependent oxygen ordering in strongly underdoped YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 1997, 56, 14168-14175.	1.1	29
8	Ce(Cu _{0.9} Ag _{0.1}) ₆ : Highest electronic specific-heat coefficient of the heavy-fermion systems. Physical Review B, 1987, 36, 4086-4089.	1.1	16
9	Pressure dependence of T _c in strongly underdoped YBa ₂ Cu ₃ O _{6.41} as a function of pressure—temperature history. Physica C: Superconductivity and Its Applications, 1999, 316, 21-26.	0.6	13
10	The use of high pressure in basic, materials, and life sciences. , 2000, 128, 3-27.		12
11	Pressure-dependent oxygen diffusion in superconducting Tl ₂ Ba ₂ CuO _{6+δ} , YBa ₂ Cu ₃ O _{7-δ} , and HgBa ₂ CuO _{4+δ} : Measurement and model calculation. Physical Review B, 2000, 62, 9155-9162.	1.1	11
12	Studies in superconductivity at extreme pressures. Physica C: Superconductivity and Its Applications, 2007, 460-462, 182-185.	0.6	11
13	Electrical and magnetic properties of solids at high pressures: Some recent results. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 139-140, 369-377.	0.9	4
14	Magnetic order in Ce(Cu _{1-x} Ag _x) ₆ . Physica C: Superconductivity and Its Applications, 1988, 153-155, 443-444.	0.6	4
15	Evidence for superconductivity in Rb metal above 55 GPa pressure. Physical Review B, 2019, 100, .	1.1	2
16	Magnetic ordering at anomalously high temperatures in selected lanthanides: what about Pr?. Journal of Physics Condensed Matter, 2020, 32, 254001.	0.7	0