

Christophe Marcenat

List of Publications by Year in descending order

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11
papers

679
citations

1040056

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1281871

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11
all docs

11
docs citations

11
times ranked

994
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity in doped cubic silicon. Nature, 2006, 444, 465-468.	27.8	238
2	Superconducting group-IV semiconductors. Nature Materials, 2009, 8, 375-382.	27.5	161
3	Thermodynamic signatures of quantum criticality in cuprate superconductors. Nature, 2019, 567, 218-222.	27.8	120
4	Low-temperature transition to a superconducting phase in boron-doped silicon films grown on (001)-oriented silicon wafers. Physical Review B, 2010, 81, .	3.2	34
5	Unusual Interplay between Superconductivity and Field-Induced Charge Order in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Letters, 2018, 121, 167002.	12.8	27
6	Calorimetric determination of the magnetic phase diagram of underdoped ortho II $\text{YBa}_2\text{Cu}_3\text{O}_{6.54}$ single crystals. Nature Communications, 2015, 6, 7927.	3.2	26
7	Normal state specific heat in the cuprate superconductors $\text{La}_{2-x}\text{Bi}_x\text{CuO}_4$ and Bi_2Te_3 . Physical Review B, 2021, 103, .	3.2	16
8	Thickness dependence of the superconducting critical temperature in heavily doped Si:B epilayers. Physical Review B, 2013, 88, .	3.5	13
9	Superconducting properties of laser annealed implanted Si:B epilayers. Superconductor Science and Technology, 2013, 26, 045009.	1.8	7
10	Superconducting Polycrystalline Silicon Layer Obtained by Boron Implantation and Nanosecond Laser Annealing. ECS Journal of Solid State Science and Technology, 2021, 10, 014004.	1.8	7
11	High density of states in the pseudogap phase of the cuprate superconductor $\text{HgBa}_2\text{CuO}_4$ from low-temperature normal-state specific heat. Physical Review B, 2020, 102, .		