

# Cengiz Aen

## List of Publications by Year in descending order

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11  
papers

801  
citations

933264

10  
h-index

1281743

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g-index

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all docs

11  
docs citations

11  
times ranked

1022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroelectricity in the Magnetic E-Phase of Orthorhombic Perovskites. Physical Review Letters, 2006, 97, 227204.	2.9	406
2	Competing Ferromagnetic and Charge-Ordered States in Models for Manganites: The Origin of the Colossal Magnetoresistance Effect. Physical Review Letters, 2007, 98, 127202.	2.9	162
3	Microscopic mechanisms for improper ferroelectricity in multiferroic perovskites: a theoretical review. Journal of Physics Condensed Matter, 2008, 20, 434208.	0.7	52
4	First Order Colossal Magnetoresistance Transitions in the Two-Orbital Model for Manganites. Physical Review Letters, 2010, 105, 097203.	2.9	45
5	Colossal magnetoresistance observed in Monte Carlo simulations of the one- and two-orbital models for manganites. Physical Review B, 2006, 73, .	1.1	33
6	Highly anisotropic resistivities in the double-exchange model for strained manganites. Physical Review B, 2010, 82, .	1.1	33
7	Short-range spin and charge correlations and local density of states in the colossal magnetoresistance regime of the single-orbital model for manganites. Physical Review B, 2008, 77, .	1.1	24
8	Emergent dimensional reduction of the spin sector in a model for narrow-band manganites. Physical Review B, 2011, 84, .	1.1	16
9	Recent developments in the theoretical study of phase separation in manganites and underdoped cuprates. Journal of Physics Condensed Matter, 2008, 20, 434224.	0.7	14
10	Complex state found in the colossal magnetoresistance regime of models for manganites. Physical Review B, 2012, 85, .	1.1	14
11	Unbiased Monte Carlo simulations of realistic models: Colossal magnetoresistive manganites. Physics Procedia, 2010, 7, 39-51.	1.2	2