

# Amlan Biswas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3771129/publications.pdf>

Version: 2024-02-01

24  
papers

1,103  
citations

840776

11  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Observation of Percolation in a Manganite Thin Film. Science, 2002, 298, 805-807.	12.6	345
2	Strain-driven charge-ordered state in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . Physical Review B, 2001, 63, .	3.2	185
3	Two-phase behavior in strained thin films of hole-doped manganites. Physical Review B, 2000, 61, 9665-9668.	3.2	171
4	Effect of substrate-induced strain on the charge-ordering transition in Nd <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> thin films. Applied Physics Letters, 1999, 75, 397-399.	3.3	94
5	Effect of strain and electric field on the electronic soft matter in manganite thin films. Physical Review B, 2007, 75, .	3.2	90
6	Colossal magnetocapacitance and scale-invariant dielectric response in phase-separated manganites. Nature Physics, 2007, 3, 551-555. Single domain to multidomain transition due to in-plane magnetic anisotropy in phase-separated	16.7	56
7			

#	ARTICLE	IF	CITATIONS
19	Dynamic percolation of ferromagnetic regions in phase separated manganites using non-uniform electric fields. Journal of Applied Physics, 2020, 127, 213902.	2.5	2
20	Phonon modes in LPCMO thin films. Physica B: Condensed Matter, 2008, 403, 1593-1595.	2.7	1
21	Correlation of cation deficiency and nanostructure to decreased magnetism in a ferroelectric BiMnO3 film. Journal of Applied Physics, 2019, 126, 085303.	2.5	1
22	Magnetism dynamics driven by phase separation in Pr-doped manganite thin films: A ferromagnetic resonance study. Physical Review Materials, 2021, 5, .	2.4	1
23	Effect of strain and growth morphology on the evolution of the domain structure of ferromagnetic manganites. Materials Research Society Symposia Proceedings, 2004, 819, N5.7.1.	0.1	0
24	LPCMO nano-templates grown using substrate induced strain. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1326-1328.	3.5	0