

# Andrei Malashevich

## List of Publications by Year in descending order

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14  
papers

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citations

840776

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1058476

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docs citations

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1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Principles Study of Improper Ferroelectricity in $TbMnO_3$ . Physical Review Letters, 2008, 101, 037210.	7.8	166
2	Orbital Engineering in Symmetry-Breaking Polar Heterostructures. Physical Review Letters, 2015, 114, 026801.	7.8	135
3	Theory of orbital magnetoelectric response. New Journal of Physics, 2010, 12, 053032.	2.9	120
4	Chern-Simons orbital magnetoelectric coupling in generic insulators. Physical Review B, 2011, 83, .	3.2	89
5	First-principles study of polarization in $Zn_{1-x}Mg_xO$ . Physical Review B, 2007, 75, .	3.2	87
6	First-principles study of oxygen vacancies in rutile $TiO_2$ . Physical Review B, 2012, 86, .	3.2	80
7	Physical Magnetoelectric Response of $Cr_2O_3$ . Physical Review B, 2012, 86, .	3.2	72
8	Effect of Surface Termination on the Electronic Properties of $LaNiO_3$ . Physical Review Applied, 2014, 2, .	3.8	45
9	Natural optical activity and its control by electric field in electrotoroidic systems. Physical Review B, 2013, 87, .	3.2	42
10	Band theory of spatial dispersion in magnetoelectrics. Physical Review B, 2010, 82, .	3.2	31
11	Dependence of electronic polarization on octahedral rotations in $TbMnO_3$ from first principles. Physical Review B, 2009, 80, .	3.2	24
12	Dynamical magnetoelectric effects associated with ferroelectric domain walls. Physical Review B, 2015, 91, .	3.2	7
13	Orbital magnetoelectric coupling at finite electric field. Physical Review B, 2011, 83, .	3.2	6
14	Full magnetoelectric response of $Cr_2O_3$ from first principles [Phys. Rev. B <b>86</b> , 094430 (2012)]. Physical Review B, 2013, 87, .	3.2	1