

# Eva Anton

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

2,874  
citations

12  
h-index

19  
g-index

19  
ext. papers

3,160  
ext. citations

3.2  
avg. IF

4.65  
L-index

#	Paper	IF	Citations
18	Probing the defect states of LuN1□An experimental and computational study. <i>AIP Advances</i> , <b>2022</b> , 12, 035108	1.5	0
17	GdN/SmN superlattices; influence of a Zeeman/exchange conflict. <i>AIP Advances</i> , <b>2021</b> , 11, 015348	1.5	0
16	Tunable magnetic exchange springs in semiconductor GdN/NdN superlattices. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
15	NdN: An intrinsic ferromagnetic semiconductor. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	15
14	Superconductivity in the ferromagnetic semiconductor samarium nitride. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
13	Twisted phase of the orbital-dominant ferromagnet SmN in a GdN/SmN heterostructure. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	8
12	Molecular beam epitaxy of ferromagnetic epitaxial GdN thin films. <i>Journal of Crystal Growth</i> , <b>2014</b> , 404, 146-151	1.6	12
11	YbN: An intrinsic semiconductor with antiferromagnetic exchange. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	5
10	Europium nitride: a novel diluted magnetic semiconductor. <i>Physical Review Letters</i> , <b>2013</b> , 111, 167206	7.4	27
9	Local structure, pseudosymmetry, and phase transitions in Na <sub>1/2</sub> Bi <sub>1/2</sub> TiO <sub>3</sub> □ <sub>1/2</sub> Bi <sub>1/2</sub> TiO <sub>3</sub> ceramics. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	79
8	Spin/orbit moment imbalance in the near-zero moment ferromagnetic semiconductor SmN. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	26
7	A High-Temperature-Capacitor Dielectric Based on K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> -Modified Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> □Bi <sub>1/2</sub> K <sub>1/2</sub> TiO <sub>3</sub> . <i>Journal of the American Ceramic Society</i> , <b>2012</b> , 95, 3519-3524	3.8	107
6	Structure and temperature-dependent phase transitions of lead-free Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> □Bi <sub>1/2</sub> K <sub>1/2</sub> TiO <sub>3</sub> □K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> piezoceramics. <i>Journal of Materials Research</i> , <b>2012</b> , 27, 2466-2478	2.5	17
5	Effect of K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> on Properties at and off the Morphotropic Phase Boundary in Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> □Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> Ceramics. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 055802	1.4	20
4	CuO as a sintering additive for (Bi <sub>1/2</sub> Na <sub>1/2</sub> )TiO <sub>3</sub> □BaTiO <sub>3</sub> □(K <sub>0.5</sub> Na <sub>0.5</sub> )NbO <sub>3</sub> lead-free piezoceramics. <i>Journal of the European Ceramic Society</i> , <b>2011</b> , 31, 2107-2117	6	58
3	Determination of depolarization temperature of (Bi <sub>1/2</sub> Na <sub>1/2</sub> )TiO <sub>3</sub> -based lead-free piezoceramics. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 094108	2.5	230
2	Perspective on the Development of Lead-free Piezoceramics. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 1153-1177	3.8	2236

- 1 Domain switching mechanisms in polycrystalline ferroelectrics with asymmetric hysteretic behavior. *Journal of Applied Physics*, **2009**, 105, 024107 2.5 15