

# Shanyong Bao

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Strain Sensor from Topological Structure Modulated Dielectric Elastic Nanocomposites. <i>Advanced Materials Technologies</i> , 2022, 7, 2101190.	5.8	5
2	Physical and chemical strains co-tuned magnetic properties of double perovskite PrBaMn <sub>2</sub> O <sub>5.5</sub> + $\delta$ epitaxial films. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	4
3	Oxygen Vacancy Dynamics at Room Temperature in Oxide Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5107-5113.	8.0	7
4	Interface reconstruction with emerging charge ordering in hexagonal manganite. <i>Science Advances</i> , 2018, 4, eaar4298.	10.3	37
5	Strain modulated ferromagnetic to antiferromagnetic transition in FeRh/BaTiO <sub>3</sub> (001) heterostructures. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	18
6	Roles of reaction kinetics of CO <sub>2</sub> on a PrBaCo <sub>2</sub> O <sub>5.5</sub> + $\delta$ surfaces. <i>RSC Advances</i> , 2017, 7, 40558-40562.	3.6	7
7	Ca doping effect on the magnetic and electronic transport properties in double perovskite PrBaCo <sub>2</sub> O <sub>5</sub> + $\delta$ films. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	2
8	Manipulation of Magnetic Properties by Oxygen Vacancies in Multiferroic YMnO <sub>3</sub> . <i>Advanced Functional Materials</i> , 2016, 26, 3589-3598.	14.9	45
9	Atomically layer-by-layer diffusion of oxygen/hydrogen in highly epitaxial PrBaCo <sub>2</sub> O <sub>5.5</sub> + $\delta$ thin films. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	12
10	Tunable magnetic and electrical behaviors in perovskite oxides by oxygen octahedral tilting. <i>Science China Materials</i> , 2015, 58, 302-312.	6.3	36
11	Catalytic Dynamics and Oxygen Diffusion in Doped PrBaCo <sub>2</sub> O <sub>5.5</sub> + $\delta$ Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24353-24359.	8.0	23
12	Ultrafast Atomic Layer-by-Layer Oxygen Vacancy-Exchange Diffusion in Double-Perovskite LnBaCo <sub>2</sub> O <sub>5.5</sub> + $\delta$ Thin Films. <i>Scientific Reports</i> , 2014, 4, 4726.	3.3	42
13	Magnetic and Electrical Transport Properties of LaBaCo <sub>2</sub> O <sub>5.5</sub> + $\delta$ Thin Films on Vicinal (001) SrTiO <sub>3</sub> Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 451-455.	8.0	46