

# Zongfan Duan

## List of Publications by Year in descending order

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26  
papers

304  
citations

759233

12  
h-index

888059

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g-index

26  
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docs citations

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times ranked

366  
citing authors

#	ARTICLE	IF	CITATIONS
1	High tunability and low loss via establishing an internal electric field in LiFe <sub>5</sub> O <sub>8</sub> /Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> composite films using chemical solution deposition method. <i>Applied Surface Science</i> , 2022, 590, 153112.	6.1	7
2	Enhanced multiferroic properties of Bi <sub>4</sub> Ti <sub>3-x</sub> CoxO <sub>12</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> layered composite thin films. <i>Ceramics International</i> , 2022, 48, 21728-21738.	4.8	4
3	A Novel Donor-Acceptor Thiophene-Containing Oligomer Comprising Dibenzothiophene-S,S-dioxide Units for Solution-Processable Organic Field Effect Transistor. <i>Molecules</i> , 2022, 27, 2938.	3.8	3
4	Achieving high breakdown strength and figure of merit of Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> films through coating a Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> layer. <i>Journal of the European Ceramic Society</i> , 2022, 42, 4926-4933.	5.7	7
5	Enhanced visible-light catalytic activity of micro-patterned ZnFe <sub>2</sub> O <sub>4</sub> /Fe <sup>3+</sup> -TiO <sub>2</sub> heterojunction composite thin films prepared by photolithography-assisted chemical solution deposition. <i>Materials Research Bulletin</i> , 2022, 155, 111951.	5.2	2
6	Micro-patterned NiFe <sub>2</sub> O <sub>4</sub> /Fe <sup>3+</sup> -TiO <sub>2</sub> composite films: Fabrication, hydrophilicity and application in visible-light-driven photocatalysis. <i>Ceramics International</i> , 2020, 46, 27080-27091.	4.8	19
7	Annealing heating rate dependence of microstructure and multiferroic properties in Bi <sub>4</sub> Ti <sub>2.9</sub> Fe <sub>0.1</sub> O <sub>12</sub> /CoFe <sub>2</sub> O <sub>4</sub> layered magnetoelectric composite films prepared by chemical solution deposition method. <i>Ceramics International</i> , 2020, 46, 15654-15664.	4.8	7
8	Fabrication of micro-patterned ZrO <sub>2</sub> /TiO <sub>2</sub> composite surfaces with tunable super-wettability via a photosensitive sol-gel technique. <i>Applied Surface Science</i> , 2020, 529, 147136.	6.1	16
9	Magnetoelectric composite films of La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> and Fe-substituted Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> fabricated by chemical solution deposition. <i>Applied Surface Science</i> , 2019, 491, 225-235.	6.1	6
10	Facile micro-patterning of ferromagnetic CoFe <sub>2</sub> O <sub>4</sub> films using a combined approach of sol-gel method and UV irradiation. <i>Ceramics International</i> , 2019, 45, 369-377.	4.8	8
11	Growth and characterization of Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>2.95</sub> Hf <sub>0.05</sub> O <sub>12</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> composite film with strong magnetoelectric effect by chemical solution deposition under moderate crystallization temperature. <i>Journal of Alloys and Compounds</i> , 2018, 754, 190-198.	5.5	2
12	Growth of highly c-axis oriented LaNiO <sub>3</sub> films with improved surface morphology on Si substrate using chemical solution deposition and rapid heat treatment process. <i>Ceramics International</i> , 2018, 44, 695-702.	4.8	17
13	Preparation of epitaxial CaMn <sub>7</sub> O <sub>12</sub> film via sol-gel method and its ferromagnetic properties. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 639-645.	2.4	1
14	Non-UV activated superhydrophilicity of patterned Fe-doped TiO <sub>2</sub> film for anti-fogging and photocatalysis. <i>Applied Surface Science</i> , 2018, 452, 165-173.	6.1	36
15	Patterning ZrO <sub>2</sub> films surface: Superhydrophilic and superhydrophobic properties. <i>Ceramics International</i> , 2017, 43, 5089-5094.	4.8	24
16	Ferromagnetic, ferroelectric and magnetoelectric properties of (001)-oriented Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> composite films deposited on Si substrates using chemical solution deposition. <i>Journal of Alloys and Compounds</i> , 2017, 698, 276-283.	5.5	20
17	Integration of c-axis oriented Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>2.95</sub> Hf <sub>0.05</sub> O <sub>12</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> ferromagnetic-ferroelectric composite film on Si substrate. <i>Scientific Reports</i> , 2017, 7, 11341.	3.3	13
18	Facile fabrication of micro-patterned LSMO films with unchanged magnetic properties by photosensitive sol-gel method on LaAlO <sub>3</sub> substrates. <i>Ceramics International</i> , 2016, 42, 14100-14106.	4.8	14

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19	A facial approach combining photosensitive sol-gel with self-assembly method to fabricate superhydrophobic TiO <sub>2</sub> films with patterned surface structure. <i>Applied Surface Science</i> , 2016, 360, 1030-1035.	6.1	37
20	Bulk-Heterojunction Organic Solar Cells Based on Phenylene-Thiophene Oligomer and Phenyl-C61-Butyric-Acid Methyl Ester. <i>IEICE Transactions on Electronics</i> , 2014, E97.C, 405-408.	0.6	2
21	Phenylene-Thiophene Oligomer Derivatives for Thin-Film Transistors: Structure and Semiconductor Performances. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 03BB07.	1.5	5
22	Flexible Organic Solar Cells Based on Spin-Coated Blend Films of a Phenylene-Thiophene Oligomer Derivative and PCBM. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 578, 78-87.	0.9	9
23	Novel Phenylene-Thiophene Oligomer Derivatives with Dibenzothiophene 5,5-Dioxide Core: Synthesis, Characterization, and Applications in Organic Solar Cells. <i>Chemistry Letters</i> , 2012, 41, 363-365.	1.3	16
24	Synthesis of novel thiophene-phenylene oligomer derivatives with a dibenzothiophene-5,5-dioxide core for use in organic solar cells. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2648-2651.	1.5	12
25	Organic field-effect transistors based on two phenylene-thiophene oligomer derivatives with a biphenyl or fluorene core. <i>Synthetic Metals</i> , 2012, 162, 1292-1298.	3.9	15
26	Synthesis and Characterization of Novel Pyrene Derivatives Containing Thienyl Groups. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 538, 199-207.	0.9	2