Zongfan Duan

List of Publications by Year
in descending order

26 papers	304 citations	759233 12 h-index	888059 17 g-index
26 all docs	26 docs citations	26 times ranked	366 citing authors

#	Article	IF	Citations
1	A facial approach combining photosensitive solâ¿¿gel with self-assembly method to fabricate superhydrophobic TiO2 films with patterned surface structure. Applied Surface Science, 2016, 360, 1030-1035.	6.1	37
2	Non-UV activated superhydrophilicity of patterned Fe-doped TiO2 film for anti-fogging and photocatalysis. Applied Surface Science, 2018, 452, 165-173.	6.1	36
3	Patterning ZrO2 films surface: Superhydrophilic and superhydrophobic properties. Ceramics International, 2017, 43, 5089-5094.	4.8	24
4	Ferromagnetic, ferroelectric and magnetoelectric properties of (001)-oriented Pb(Zr 0.52 Ti 0.48)O 3 /La 0.67 Sr 0.33 MnO 3 composite films deposited on Si substrates using chemical solution deposition. Journal of Alloys and Compounds, 2017, 698, 276-283.	5.5	20
5	Micro-patterned NiFe2O4/Feâ€“TiO2 composite films: Fabrication, hydrophilicity and application in visible-light-driven photocatalysis. Ceramics International, 2020, 46, 27080-27091.	4.8	19
6	Growth of highly c-axis oriented LaNiO3 films with improved surface morphology on Si substrate using chemical solution deposition and rapid heat treatment process. Ceramics International, 2018, 44, 695-702.	4.8	17
7	Novel Phenyleneâ€“Thiophene Oligomer Derivatives with Dibenzothiophene 5,5-Dioxide Core: Synthesis, Characterization, and Applications in Organic Solar Cells. Chemistry Letters, 2012, 41, 363-365.	1.3	16
8	Fabrication of micro-patterned ZrO2/TiO2 composite surfaces with tunable super-wettability via a photosensitive sol-gel technique. Applied Surface Science, 2020, 529, 147136.	6.1	16
9	Organic field-effect transistors based on two phenyleneâ€“thiophene oligomer derivatives with a biphenyl or fluorene core. Synthetic Metals, 2012, 162, 1292-1298.	3.9	15
10	Facile fabrication of micro-patterned LSMO films with unchanged magnetic properties by photosensitive sol-gel method on LaAlO3 substrates. Ceramics International, 2016, 42, 14100-14106.	4.8	14
11	Integration of c-axis oriented Bi3.15Nd0.85Ti2.95Hf0.05O12/La0.67Sr0.33MnO3 ferromagnetic-ferroelectric composite film on Si substrate. Scientific Reports, 2017, 7, 11341.	3.3	13
12	Synthesis of novel thiopheneâ€phenylene oligomer derivatives with a dibenzothiopheneâ€5,5â€dioxide core for use in organic solar cells. Physica Status Solidi (B): Basic Research, 2012, 249, 2648-2651.	1.5	12
13	Flexible Organic Solar Cells Based on Spin-Coated Blend Films of a Phenylene-Thiophene Oligomer Derivative and PCBM. Molecular Crystals and Liquid Crystals, 2013, 578, 78-87.	0.9	9
14	Facile micro-patterning of ferromagnetic CoFe2O4 films using a combined approach of solâ€“gel method and UV irradiation. Ceramics International, 2019, 45, 369-377.	4.8	8
15	Annealing heating rate dependence of microstructure and multiferroic properties in Bi4Ti2.9Fe0.1O12/CoFe2O4 layered magnetoelectric composite films prepared by chemical solution deposition method. Ceramics International, 2020, 46, 15654-15664.	4.8	7
16	High tunability and low loss via establishing an internal electric field in LiFe5O8/Ba0.6Sr0.4TiO3 composite films using chemical solution deposition method. Applied Surface Science, 2022, 590, 153112.	6.1	7
17	Achieving high breakdown strength and figure of merit of Ba0.6Sr0.4TiO3 films through coating a Y3Fe5O12 layer. Journal of the European Ceramic Society, 2022, 42, 4926-4933.	5.7	7
18	Magnetoelectric composite films of La0.67Sr0.33MnO3 and Fe-substituted Bi4Ti3O12 fabricated by chemical solution deposition. Applied Surface Science, 2019, 491, 225-235.	6.1	6

#	Article	IF	Citations
19	Phenyleneâ€“Thiophene Oligomer Derivatives for Thin-Film Transistors: Structure and Semiconductor Performances. Japanese Journal of Applied Physics, 2013, 52, 03BB07.	1.5	5
20	Enhanced multiferroic properties of Bi4Ti3-xCoxO12/La0.67Sr0.33MnO3 layered composite thin films. Ceramics International, 2022, 48, 21728-21738.	4.8	4
21	A Novel Donor-Acceptor Thiophene-Containing Oligomer Comprising Dibenzothiophene-S,S-dioxide Units for Solution-Processable Organic Field Effect Transistor. Molecules, 2022, 27, 2938.	3.8	3
22	Synthesis and Characterization of Novel Pyrene Derivatives Containing Thienyl Groups. Molecular Crystals and Liquid Crystals, 2011, 538, 199-207.	0.9	2
23	Bulk-Heterojunction Organic Solar Cells Based on Phenylene-Thiophene Oligomer and Phenyl-C61-Butyric-Acid Methyl Ester. IEICE Transactions on Electronics, 2014, E97.C, 405-408.	0.6	2
24	Growth and characterization of Bi 3.15 Nd 0.85 Ti 2.95 Hf 0.05 O 12 /La 0.67 Sr 0.33 MnO 3 composite film with strong magnetoelectric effect by chemical solution deposition under moderate crystallization temperature. Journal of Alloys and Compounds, 2018, 754, 190-198.	5.5	2
25	Enhanced visible-light catalytic activity of micro-patterned ZnFe2O4/Fe3+-TiO2 heterojunction composite thin films prepared by photolithography-assisted chemical solution deposition. Materials Research Bulletin, 2022, 155, 111951.	5.2	2
26	Preparation of epitaxial CaMn7O12 film via sol-gel method and its ferromagnetic properties. Journal of Sol-Gel Science and Technology, 2018, 88, 639-645.	2.4	1