Zhen Su

List of Publications by Year
in descending order

18	213	1163117 8	1058476 14
papers	citations	h-index	g-index

18	18	18	273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasmon-coupled Au-nanochain functionalized PEDOT:PSS for efficient mixed tinâ€“lead iodide perovskite solar cells. Chemical Communications, 2022, 58, 1366-1369.	4.1	4
2	Excellent rate capability supercapacitor based on a free-standing PEDOT:PSS film enabled by the hydrothermal method. Chemical Communications, 2022, 58, 5088-5091.	4.1	7
3	Interfacial effect of Cu electrode enhanced energy density of amorphous aluminum oxide dielectric capacitor. Journal of Alloys and Compounds, 2021, 855, 157473.	5.5	3
4	Dual interfacial modification via anodizing method for achieving enhanced breakdown strength in multi-layer anodized alumina/Sr0.85Bi0.1TiO3 films. Journal of Alloys and Compounds, 2020, 817, 152783.	5.5	10
5	High-Conductivity, Flexible and Transparent PEDOT:PSS Electrodes for High Performance Semi-Transparent Supercapacitors. Polymers, 2020, 12, 450.	4.5	58
6	High dielectric constant and energy density achieved in sandwich-structured SrTiO₃ nanocomposite thick films by interface modulation. Journal of Materials Chemistry C, 2019, 7, 673-681.	5.5	18
7	A novel and simple aluminium/solâ€“gel-derived amorphous aluminium oxide multilayer film with high energy density. Journal of Materials Chemistry C, 2018, 6, 5616-5623.	5.5	12
8	Significantly enhanced energy density of amorphous alumina thin films via silicon and magnesium co-doping. Ceramics International, 2018, 44, 11160-11165.	4.8	7
9	Leakage current and breakdown behavior of bismuth-doped amorphous strontium titanate thin film. Materials Chemistry and Physics, 2018, 206, 48-55.	4.0	18
10	Dielectric property and self-repairing capability of silicon and titanium co-doped amorphous alumina thin films prepared by solâ€“gel technology. Journal of Materials Science: Materials in Electronics, 2018, 29, 16581-16589.	2.2	2
11	Ultrahigh energy density due to self-growing double dielectric layers at a titanium/solâ€“gel-derived amorphous aluminium oxide interface. Journal of Materials Chemistry C, 2018, 6, 7920-7928.	5.5	6
12	Effects of annealing temperature, ambient humidity and temperature on dielectric properties of solâ€“gel-derived amorphous alumina thin film. Journal of Materials Science: Materials in Electronics, 2017, 28, 12356-12362.	2.2	6
13	Microstructural transitions and dielectric properties of boron-doped amorphous alumina thin film. Journal of Materials Science, 2017, 52, 9314-9323.	3.7	7
14	Enhanced electrical characteristics of solâ€“gel-derived amorphous SrTiO3 films. Journal of Materials Science: Materials in Electronics, 2017, 28, 4044-4050.	2.2	3
15	Dielectric properties under high electric field for silicon doped alumina thin film with glass-like structure derived from sol-gel process. Journal of Alloys and Compounds, 2017, 690, 249-255.	5.5	11
16	Dielectric breakdown characteristics of solâ€“gel derived SrTiO3 films. Journal of Materials Science: Materials in Electronics, 2016, 27, 8100-8104.	2.2	9
17	Anodic Oxidation in Aluminum Electrode by Using Hydrated Amorphous Aluminum Oxide Film as Solid Electrolyte under High Electric Field. ACS Applied Materials & Interfaces, 2016, 8, 11100-11107.	8.0	26
18	The influence of Yttrium on leakage current and dielectric properties of amorphous Al2O3 thin film derived by solâ€“gel. Journal of Materials Science: Materials in Electronics, 2016, 27, 7788-7794.	2.2	6