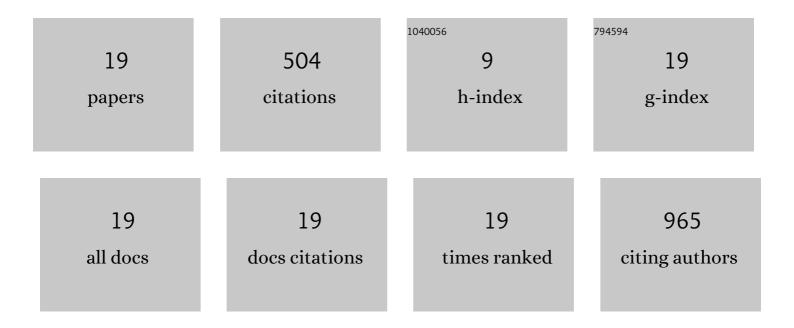
Yanqiang Cao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Atomic layer deposition of Co ₃ O ₄ on carbon nanotubes/carbon cloth for high-capacitance and ultrastable supercapacitor electrode. Nanotechnology, 2015, 26, 094001.	2.6	84
2	Strong ferromagnetism of reduced graphene oxide. Carbon, 2014, 78, 559-565.	10.3	73
3	Atomic Layer Deposition of MnS: Phase Control and Electrochemical Applications. ACS Applied Materials & Interfaces, 2016, 8, 2774-2780.	8.0	57
4	The effect of thermal treatment induced inter-diffusion at the interfaces on the charge trapping performance of HfO2/Al2O3 nanolaminate-based memory devices. Journal of Applied Physics, 2013, 114, .	2.5	54
5	Atomic Layer Deposition of Aluminum Sulfide: Growth Mechanism and Electrochemical Evaluation in Lithium-Ion Batteries. Chemistry of Materials, 2017, 29, 9043-9052.	6.7	43
6	Atomic Layer Deposition of Highâ€Capacity Anodes for Nextâ€Generation Lithiumâ€Ion Batteries and Beyond. Energy and Environmental Materials, 2021, 4, 363-391.	12.8	43
7	Magnetic interactions in BiFe0.5Mn0.5O3 films and BiFeO3/BiMnO3 superlattices. Scientific Reports, 2015, 5, 9093.	3.3	40
8	Theoretical design and computational screening of precursors for atomic layer deposition. Coordination Chemistry Reviews, 2016, 322, 94-103.	18.8	40
9	Atomic Layer Deposition of Alâ€doped ZnO Films Using Aluminum Isopropoxide as the Al Precursor. Chemical Vapor Deposition, 2013, 19, 180-185.	1.3	15
10	Enhanced room temperature ferromagnetism in Co-doped ZnO mediated by interstitial H. Materials Letters, 2012, 89, 209-211.	2.6	10
11	Room temperature ferromagnetic Zn _{0.98} Co _{0.02} O powders with improved visible-light photocatalysis. RSC Advances, 2016, 6, 6761-6767.	3.6	9
12	Enhancement of the charge trapping performances with HfAlO composite oxide thin films in SONOS-type nonvolatile memory. Microelectronic Engineering, 2015, 133, 88-91.	2.4	7
13	Interstitial H+-Mediated Ferromagnetism in Co-Doped ZnS. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1389-1393.	1.8	7
14	Irreversible electrical manipulation of magnetization on BiFeO3-based heterostructures. Journal of Applied Physics, 2015, 117, 17D707.	2.5	5
15	Core–shell MWCNTs@ZnS composite prepared by atomic layer deposition for high-performance lithium-ion batteries anode. Journal of Materials Research, 2021, 36, 1262-1271.	2.6	5
16	Enhanced room temperature ferromagnetism in hydrogenated Zn0.98Mn0.02O. Applied Surface Science, 2013, 271, 421-423.	6.1	4
17	Design and self-catalytic mechanism of aluminum precursors bearing amino ligands for Al2S3 atomic layer deposition. Applied Surface Science, 2022, 595, 153516.	6.1	4
18	Bipolar resistive switching in BiFe0.95Mn0.05O3 films. Solid State Communications, 2012, 152, 2036-2039.	1.9	2

#	Article	IF	CITATIONS
19	Interface modulation and resistive switching evolution in Pt/NiO x /Al2O3/n+–Si structure. Applied Physics A: Materials Science and Processing, 2015, 118, 1365-1370.	2.3	2