

# Zheng Xing

## List of Publications by Year in descending order

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80  
papers

5,242  
citations

126907

33  
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85541

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82  
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82  
docs citations

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times ranked

6455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Capacity and Rate Capability of Nitrogen/Oxygen Dual-Doped Hard Carbon in Capacitive Potassium-Ion Storage. <i>Advanced Materials</i> , 2018, 30, 1700104.	21.0	650
2	Advanced Carbon-Based Anodes for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1900343.	19.5	398
3	One-pot hydrothermal synthesis of Nitrogen-doped graphene as high-performance anode materials for lithium ion batteries. <i>Scientific Reports</i> , 2016, 6, 26146.	3.3	342
4	Direct Synthesis of Few-Layer F-Doped Graphene Foam and Its Lithium/Potassium Storage Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 20682-20690.	8.0	263
5	Phosphorus and oxygen dual-doped graphene as superior anode material for room-temperature potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7854-7861.	10.3	233
6	Few layer nitrogen-doped graphene with highly reversible potassium storage. <i>Energy Storage Materials</i> , 2018, 11, 38-46.	18.0	206
7	Severe Fever with Thrombocytopenia Syndrome Virus among Domesticated Animals, China. <i>Emerging Infectious Diseases</i> , 2013, 19, 756-63.	4.3	201
8	Direct synthesis of 3D hierarchically porous carbon/Sn composites <i>via in situ</i> generated NaCl crystals as templates for potassium-ion batteries anode. <i>Journal of Materials Chemistry A</i> , 2018, 6, 434-442.	10.3	194
9	Enhanced capacity of chemically bonded phosphorus/carbon composite as an anode material for potassium-ion batteries. <i>Journal of Power Sources</i> , 2018, 378, 460-467.	7.8	155
10	Essential Role of Survivin, an Inhibitor of Apoptosis Protein, in T Cell Development, Maturation, and Homeostasis. <i>Journal of Experimental Medicine</i> , 2004, 199, 69-80.	8.5	151
11	Differential Regulation of Pyk2 and Focal Adhesion Kinase (FAK). <i>Journal of Biological Chemistry</i> , 1998, 273, 2384-2389.	3.4	127
12	Suppression of the Interferon and NF- $\kappa$ B Responses by Severe Fever with Thrombocytopenia Syndrome Virus. <i>Journal of Virology</i> , 2012, 86, 8388-8401.	3.4	112
13	Immune-related gene expression in response to H11N9 low pathogenic avian influenza virus infection in chicken and Pekin duck peripheral blood mononuclear cells. <i>Molecular Immunology</i> , 2009, 46, 1744-1749.	2.2	110
14	Inhibitory Effects of Nitric Oxide and Gamma Interferon on In Vitro and In Vivo Replication of Marek's Disease Virus. <i>Journal of Virology</i> , 2000, 74, 3605-3612.	3.4	107
15	Evasion of Antiviral Immunity through Sequestering of TBK1/IKK $\mu$ /IRF3 into Viral Inclusion Bodies. <i>Journal of Virology</i> , 2014, 88, 3067-3076.	3.4	97
16	Modulation of the immune responses in chickens by low-pathogenicity avian influenza virus H9N2. <i>Journal of General Virology</i> , 2008, 89, 1288-1299.	2.9	91
17	Cytokine and Chemokine Levels in Patients Infected With the Novel Avian Influenza A (H7N9) Virus in China. <i>Journal of Infectious Diseases</i> , 2013, 208, 1962-1967.	4.0	91
18	One-Pot Hydrothermal Synthesis of FeMoO <sub>4</sub> Nanocubes as an Anode Material for Lithium-Ion Batteries with Excellent Electrochemical Performance. <i>Small</i> , 2015, 11, 4753-4761.	10.0	87

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19	Specific and nonspecific immune responses to Marek's disease virus. <i>Developmental and Comparative Immunology</i> , 2000, 24, 201-221.	2.3	86
20	Host Immune and Apoptotic Responses to Avian Influenza Virus H9N2 in Human Tracheobronchial Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 24-33.	2.9	74
21	Ecology of the Tick-Borne Phlebovirus Causing Severe Fever with Thrombocytopenia Syndrome in an Endemic Area of China. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004574.	3.0	74
22	Cellular Scent of Influenza Virus Infection.. <i>ChemBioChem</i> , 2014, 15, 1040-1048.	2.6	72
23	Avian influenza in birds and mammals. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009, 32, 255-273.	1.6	67
24	Preexisting Immunity to Pandemic (H1N1) 2009. <i>Emerging Infectious Diseases</i> , 2009, 15, 1847-1849.	4.3	63
25	A Facile Method for Synthesis of Porous NiCo <sub>2</sub> O <sub>4</sub> Nanorods as a High-Performance Anode Material for Li-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 1012-1019.	2.3	63
26	Roles of the ERK MAPK in the regulation of proinflammatory and apoptotic responses in chicken macrophages infected with H9N2 avian influenza virus. <i>Journal of General Virology</i> , 2010, 91, 343-351.	2.9	62
27	Roles of viroplasm-like structures formed by nonstructural protein NSs in infection with severe fever with thrombocytopenia syndrome virus. <i>FASEB Journal</i> , 2014, 28, 2504-2516.	0.5	59
28	Enterovirus 71 suppresses interferon responses by blocking Janus kinase (JAK)/signal transducer and activator of transcription (STAT) signaling through inducing karyopherin- $\beta$ 1 degradation. <i>Journal of Biological Chemistry</i> , 2017, 292, 10262-10274.	3.4	54
29	Phosphorus Particles Embedded in Reduced Graphene Oxide Matrix to Enhance Capacity and Rate Capability for Capacitive Potassium-Ion Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 13897-13902.	3.3	47
30	Effects of functional binders on electrochemical performance of graphite anode in potassium-ion batteries. <i>Ionics</i> , 2019, 25, 2563-2574.	2.4	43
31	Incidence of Respiratory Viral Infections Detected by PCR and Real-Time PCR in Adult Patients with Community-Acquired Pneumonia: A Meta-Analysis. <i>Respiration</i> , 2015, 89, 343-352.	2.6	37
32	Differential Regulation of TLR Signaling on the Induction of Antiviral Interferons in Human Intestinal Epithelial Cells Infected with Enterovirus 71. <i>PLoS ONE</i> , 2016, 11, e0152177.	2.5	37
33	Differential regulation of antiviral and proinflammatory cytokines and suppression of Fas-mediated apoptosis by NS1 of H9N2 avian influenza virus in chicken macrophages. <i>Journal of General Virology</i> , 2009, 90, 1109-1118.	2.9	36
34	Nitrogen/sulphur co-doped porous carbon derived from wasted wet wipes as promising anode material for high performance capacitive potassium-ion storage. <i>Materials Today Energy</i> , 2019, 13, 195-204.	4.7	36
35	Distinct Regulation of Host Responses by ERK and JNK MAP Kinases in Swine Macrophages Infected with Pandemic (H1N1) 2009 Influenza Virus. <i>PLoS ONE</i> , 2012, 7, e30328.	2.5	35
36	Intrinsic apoptosis and proinflammatory cytokines regulated in human astrocytes infected with enterovirus 71. <i>Journal of General Virology</i> , 2015, 96, 3010-3022.	2.9	34

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37	High-throughput neuraminidase substrate specificity study of human and avian influenza A viruses. <i>Virology</i> , 2011, 415, 12-19.	2.4	32
38	Comparison of tissue sample processing methods for harvesting the viral metagenome and a snapshot of the RNA viral community in a turkey gut. <i>Journal of Virological Methods</i> , 2014, 209, 15-24.	2.1	32
39	Increased Prevalence of Severe Fever with Thrombocytopenia Syndrome in Eastern China Clustered with Multiple Genotypes and Reasserted Virus during 2010â€“2015. <i>Scientific Reports</i> , 2017, 7, 6503.	3.3	32
40	Antigenic and genetic characterization of a European avian-like H1N1 swine influenza virus from a boy in China in 2011. <i>Archives of Virology</i> , 2013, 158, 39-53.	2.1	30
41	Robust antiviral responses to enterovirus 71 infection in human intestinal epithelial cells. <i>Virus Research</i> , 2013, 176, 53-60.	2.2	29
42	Synaptogyrin-2 Promotes Replication of a Novel Tick-borne Bunyavirus through Interacting with Viral Nonstructural Protein NSs. <i>Journal of Biological Chemistry</i> , 2016, 291, 16138-16149.	3.4	27
43	Outbreaks of acute gastroenteritis associated with a re-emerging GII.P16-GII.2 norovirus in the spring of 2017 in Jiangsu, China. <i>PLoS ONE</i> , 2017, 12, e0186090.	2.5	27
44	The effect of avian influenza virus NS1 allele on virus replication and innate gene expression in avian cells. <i>Molecular Immunology</i> , 2013, 56, 358-368.	2.2	25
45	Genetic and phenotypic characterization of a low-pathogenicity avian influenza H11N9 virus. <i>Archives of Virology</i> , 2008, 153, 1899-1908.	2.1	23
46	Co <sub>2</sub> TiO <sub>4</sub> nano-octahedra as high performance anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8714-8724.	10.3	23
47	Adaptation and transmission of a duck-origin avian influenza virus in poultry species. <i>Virus Research</i> , 2010, 147, 40-46.	2.2	22
48	Host Responses and Regulation by NF $\kappa$ B Signaling in the Liver and Liver Epithelial Cells Infected with A Novel Tick-borne Bunyavirus. <i>Scientific Reports</i> , 2015, 5, 11816.	3.3	20
49	Pathogenicity of Highly Pathogenic Avian Influenza Virus H5N1 in Naturally Infected Poultry in Egypt. <i>PLoS ONE</i> , 2015, 10, e0120061.	2.5	19
50	Altered Viral Replication and Cell Responses by Inserting MicroRNA Recognition Element into PB1 in Pandemic Influenza A Virus (H1N1) 2009. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	3.0	19
51	A hollow neuronal carbon skeleton with ultrahigh pyridinic N content as a self-supporting potassium-ion battery anode. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1216-1224.	4.9	19
52	Electrolyte Salt Chemistry Enables 3D Nitrogen and Phosphorus Dual-Doped Graphene Aerogels for High-Performance Potassium-Ion Batteries. <i>Advanced Materials Technologies</i> , 2021, 6, 2100207.	5.8	19
53	Novel Bunyavirus in Domestic and Captive Farmed Animals, Minnesota, USA. <i>Emerging Infectious Diseases</i> , 2013, 19, 1487-1489.	4.3	19
54	Inability of Real-Time Reverse Transcriptase PCR Assay To Detect Subtype H7 Avian Influenza Viruses Isolated from Wild Birds. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1844-1846.	3.9	18

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55	Human intestinal epithelial cells are susceptible to influenza virus subtype H9N2. <i>Virus Research</i> , 2012, 163, 151-159.	2.2	18
56	Regulation of host responses and viral replication by the mitogen-activated protein kinases in intestinal epithelial cells infected with Enterovirus 71. <i>Virus Research</i> , 2015, 197, 75-84.	2.2	18
57	Hollow $\text{Fe}_2\text{O}_3$ Nanotubes Embedded in Graphene Aerogel as High-Performance Anode Material for Lithium-Ion Batteries. <i>ChemistrySelect</i> , 2019, 4, 11370-11377.	1.5	16
58	Critical Role of HAX-1 in Promoting Avian Influenza Virus Replication in Lung Epithelial Cells. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	3.0	14
59	Synthesis of Manganese-Based Prussian Blue Nanocubes with Organic Solvent as High-Performance Anodes for Lithium-Ion Batteries. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3277-3286.	2.0	13
60	Increasing Recombinant Strains Emerged in Norovirus Outbreaks in Jiangsu, China: 2015-2018. <i>Scientific Reports</i> , 2019, 9, 20012.	3.3	13
61	Synthesis of uniform silica nanospheres wrapped in nitrogen-doped carbon nanosheets with stable lithium-ion storage properties. <i>Journal of Materials Science</i> , 2019, 54, 12767-12781.	3.7	12
62	Insert Zn Nanoparticles into the 3D Porous Carbon Ultrathin Films as a Superior Anode Material for Lithium Ion Battery. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700355.	2.3	11
63	Inhibition of autophagy and chemokine induction by sphingosine 1-phosphate receptor 1 through NF- $\kappa$ B signaling in human pulmonary endothelial cells infected with influenza A viruses. <i>PLoS ONE</i> , 2018, 13, e0205344.	2.5	11
64	Reassortment and adaptive mutations of an emerging avian influenza virus H7N4 subtype in China. <i>PLoS ONE</i> , 2020, 15, e0227597.	2.5	10
65	Attenuation of the influenza virus by microRNA response element in vivo and protective efficacy against 2009 pandemic H1N1 virus in mice. <i>International Journal of Infectious Diseases</i> , 2015, 38, 146-152.	3.3	9
66	Hierarchical porous $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ nanocubes obtained by calcining Prussian blue analogues as anodes for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 12546-12555.	2.8	9
67	Fludarabine Inhibits Infection of Zika Virus, SFTS Phlebovirus, and Enterovirus A71. <i>Viruses</i> , 2021, 13, 774.	3.3	9
68	Cuprous Sulfide/Reduced Graphene Oxide Hybrid Nanomaterials: Solvothermal Synthesis and Enhanced Electrochemical Performance. <i>Journal of Electronic Materials</i> , 2016, 45, 285-290.	2.2	7
69	Evolution of the GII.3[P12] Norovirus from 2010 to 2019 in Jiangsu, China. <i>Gut Pathogens</i> , 2021, 13, 34.	3.4	7
70	Concomitant pyroptotic and apoptotic cell death triggered in macrophages infected by Zika virus. <i>PLoS ONE</i> , 2022, 17, e0257408.	2.5	7
71	The microRNA-let-7b-mediated attenuated strain of influenza A (H1N1) virus in a mouse model. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 973-981.	1.2	6
72	Nonstructural Protein NSs Activates Inflammasome and Pyroptosis through Interaction with NLRP3 in Human Microglial Cells Infected with Severe Fever with Thrombocytopenia Syndrome Bandavirus. <i>Journal of Virology</i> , 2022, 96, .	3.4	6

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73	Î±-Fe <sub>2</sub> O <sub>3</sub> with novel double hexagonal pyramid morphology synthesized using a dual-ion co-work system as an anode for lithium-ion batteries. CrystEngComm, 2019, 21, 5508-5518.	2.6	5
74	Intrinsic features of Zika Virus non-structural proteins NS2A and NS4A in the regulation of viral replication. PLoS Neglected Tropical Diseases, 2022, 16, e0010366.	3.0	4
75	Reduced graphene-cadmium sulfide hybrid nanopowders: solvothermal synthesis and enhanced electrochemical performance. Journal of Materials Science: Materials in Electronics, 2015, 26, 5697-5702.	2.2	3
76	Sponge-like porous Ni <sub>1.8</sub> Fe <sub>1.2</sub> O <sub>4</sub> nanocubes as high-performance anodes for lithium-ion batteries. Journal of Materials Science, 2018, 53, 13090-13099.	3.7	2
77	Novel Bunyavirus in Domestic and Captive Farmed Animals, Minnesota, USA. Emerging Infectious Diseases, 2014, 20, 336-337.	4.3	1
78	Synthesis of PbSe nanostructures with different size and morphology and their electrochemical properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 1151-1157.	2.2	1
79	Intrinsic apoptosis and cytokine induction regulated in human tonsillar epithelial cells infected with enterovirus A71. PLoS ONE, 2021, 16, e0245529.	2.5	1
80	Peptides derived from viral glycoprotein Gc Inhibit infection of severe fever with thrombocytopenia syndrome virus. Antiviral Research, 2021, 194, 105164.	4.1	0