

Zheng Yan

List of Publications by Year in descending order

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82
papers

3,403
citations

236612

25
h-index

155451

55
g-index

85
all docs

85
docs citations

85
times ranked

3703
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors affecting response rates of the web survey: A systematic review. <i>Computers in Human Behavior</i> , 2010, 26, 132-139.	5.1	955
2	Digital technology use during COVID-19 pandemic: A rapid review. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 13-24.	2.5	249
3	Mobile phone addiction levels and negative emotions among Chinese young adults: The mediating role of interpersonal problems. <i>Computers in Human Behavior</i> , 2016, 55, 856-866.	5.1	213
4	Does multitasking with mobile phones affect learning? A review. <i>Computers in Human Behavior</i> , 2016, 54, 34-42.	5.1	192
5	Children, adolescents, and the Internet: A new field of inquiry in developmental psychology. <i>Developmental Psychology</i> , 2006, 42, 391-394.	1.2	168
6	Computer Vision Syndrome: A widely spreading but largely unknown epidemic among computer users. <i>Computers in Human Behavior</i> , 2008, 24, 2026-2042.	5.1	131
7	An Examination of the Reciprocal Relationship of Loneliness and Facebook Use among First-Year College Students. <i>Journal of Educational Computing Research</i> , 2012, 46, 105-117.	3.6	108
8	Unprecedented pandemic, unprecedented shift, and unprecedented opportunity. <i>Human Behavior and Emerging Technologies</i> , 2020, 2, 110-112.	2.5	92
9	Data-Driven Risk-Averse Two-Stage Optimal Stochastic Scheduling of Energy and Reserve With Correlated Wind Power. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 436-447.	5.9	80
10	Always Under Construction. <i>Human Development</i> , 2002, 45, 141-160.	1.2	69
11	What influences children's and adolescents' understanding of the complexity of the Internet?. <i>Developmental Psychology</i> , 2006, 42, 418-428.	1.2	65
12	Age differences in children's understanding of the complexity of the Internet. <i>Journal of Applied Developmental Psychology</i> , 2005, 26, 385-396.	0.8	63
13	Finding the weakest links in the weakest link: How well do undergraduate students make cybersecurity judgment?. <i>Computers in Human Behavior</i> , 2018, 84, 375-382.	5.1	61
14	Is resilience a protective factor of internet addiction?. <i>Computers in Human Behavior</i> , 2018, 78, 255-260.	5.1	58
15	Structure and function of maladaptive cognitions in Pathological Internet Use among Chinese adolescents. <i>Computers in Human Behavior</i> , 2012, 28, 2376-2386.	5.1	57
16	Mental health, duration of unemployment, and coping strategy: a cross-sectional study of unemployed migrant workers in eastern china during the economic crisis. <i>BMC Public Health</i> , 2012, 12, 597.	1.2	56
17	Limited knowledge and limited resources: Children's and adolescents' understanding of the Internet. <i>Journal of Applied Developmental Psychology</i> , 2009, 30, 103-115.	0.8	41
18	A blockchain consensus mechanism that uses Proof of Solution to optimize energy dispatch and trading. <i>Nature Energy</i> , 2022, 7, 495-502.	19.8	39

#	ARTICLE	IF	CITATIONS
19	Distributed Neurodynamic Optimization for Energy Internet Management. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1624-1633.	5.9	37
20	Child and Adolescent Use of Mobile Phones: An Unparalleled Complex Developmental Phenomenon. Child Development, 2018, 89, 5-16.	1.7	36
21	Long-term system load forecasting based on data-driven linear clustering method. Journal of Modern Power Systems and Clean Energy, 2018, 6, 306-316.	3.3	36
22	To ban or not to ban: Differences in mobile phone policies at elementary, middle, and high schools. Computers in Human Behavior, 2014, 38, 25-32.	5.1	34
23	Software Piracy among College Students: A Comprehensive Review of Contributing Factors, Underlying Processes, and Tackling Strategies. Journal of Educational Computing Research, 2005, 33, 115-140.	3.6	31
24	Probabilistic load flow evaluation considering correlated input random variables. International Transactions on Electrical Energy Systems, 2016, 26, 555-572.	1.2	29
25	A Diet Diverse in Bamboo Parts is Important for Giant Panda (<i>Ailuropoda melanoleuca</i>) Metabolism and Health. Scientific Reports, 2017, 7, 3377.	1.6	29
26	Three different roles, five different aspects: Differences and similarities in viewing school mobile phone policies among teachers, parents, and students. Computers and Education, 2017, 106, 13-25.	5.1	25
27	Cracking the walnut: Using a computer game to impact cognition, emotion, and behavior of highly aggressive fifth grade students. Computers in Human Behavior, 2008, 24, 421-438.	5.1	24
28	The use of mobile devices with students with disabilities: a literature review. Preventing School Failure, 2019, 63, 277-295.	0.4	24
29	A cross-cultural study of learning behaviours in the classroom: from a thinking style perspective. Educational Psychology, 2011, 31, 825-841.	1.2	19
30	Differences in high school and college students' basic knowledge and perceived education of Internet safety: Do high school students really benefit from the Children's Internet Protection Act?. Journal of Applied Developmental Psychology, 2009, 30, 209-217.	0.8	17
31	A Novel Improved Particle Swarm Optimization Approach for Dynamic Economic Dispatch Incorporating Wind Power. Electric Power Components and Systems, 2011, 39, 461-477.	1.0	17
32	Characteristics of delivery pressure in the axial piston pump with combination of variable displacement and variable speed. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2015, 229, 599-613.	0.7	17
33	Distributionally Robust Co-Optimization of Power Dispatch and Do-Not-Exceed Limits. IEEE Transactions on Power Systems, 2020, 35, 887-897.	4.6	17
34	One Law with Two Outcomes: Comparing the Implementation of CIPA in Public Libraries and Schools. Information Technology and Libraries, 2009, 28, 6-14.	0.5	16
35	Online Decision-Making in Receiving Spam Emails Among College Students. International Journal of Cyber Behavior, Psychology and Learning, 2012, 2, 1-12.	0.6	16
36	Discriminability effect on Garner interference: evidence from recognition of facial identity and expression. Frontiers in Psychology, 2013, 4, 943.	1.1	16

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37	Wind speed forecasting using autoregressive moving average/generalized autoregressive conditional heteroscedasticity model. <i>European Transactions on Electrical Power</i> , 2012, 22, 662-673.	1.0	15
38	The Psychology of E-Learning: A Field of Study. <i>Journal of Educational Computing Research</i> , 2003, 29, 285-296.	3.6	14
39	Extreme natural and man-made events and human adaptive responses mediated by information and communication technologies' use: A systematic literature review. <i>Technological Forecasting and Social Change</i> , 2019, 145, 125-135.	6.2	14
40	Relationships between Sleep Problems and Psychiatric Comorbidities among China's Wenchuan Earthquake Survivors Remaining in Temporary Housing Camps. <i>Frontiers in Psychology</i> , 2016, 7, 1552.	1.1	13
41	The Science of Cell Phone Use. <i>International Journal of Cyber Behavior, Psychology and Learning</i> , 2013, 3, 7-18.	0.6	12
42	How humans behave with emerging technologies during the COVID-19 pandemic?. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 5-7.	2.5	12
43	Different experiences, different effects: a longitudinal study of learning a computer program in a network environment. <i>Computers in Human Behavior</i> , 2006, 22, 364-380.	5.1	11
44	Initial knowledge of medical professionalism among Chinese medical students. <i>Medical Teacher</i> , 2010, 32, 961-970.	1.0	11
45	Evaluating the impact of smart grid technologies on generation expansion planning under uncertainties. <i>International Transactions on Electrical Energy Systems</i> , 2016, 26, 934-951.	1.2	11
46	Mobile Phones in Data Collection. <i>International Journal of Cyber Behavior, Psychology and Learning</i> , 2013, 3, 67-87.	0.6	10
47	How children and adults learn to use computers: A developmental approach. <i>New Directions for Child and Adolescent Development</i> , 2004, 2004, 41-61.	1.3	9
48	Multistage Robust Optimization of Routing and Scheduling of Mobile Energy Storage in Coupled Transportation and Power Distribution Networks. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 2583-2594.	5.3	9
49	A basic model of human behavior with technologies. <i>Human Behavior and Emerging Technologies</i> , 2020, 2, 410-415.	2.5	8
50	Risk and protective factors for intuitive and rational judgment of cybersecurity risks in a large sample of K-12 students and teachers. <i>Computers in Human Behavior</i> , 2021, 121, 106791.	5.1	8
51	Dynamic battery loss evaluation and its application for optimal online wind-storage integrated scheduling. <i>IET Renewable Power Generation</i> , 2020, 14, 3079-3087.	1.7	8
52	Measuring Motivation and Volition of Nursing Students in Nontraditional Learning Environments. <i>Journal of Nursing Measurement</i> , 2012, 20, 90-112.	0.2	7
53	Emerging technologies, human behavior, and human behavior and emerging technologies. <i>Human Behavior and Emerging Technologies</i> , 2019, 1, 4-6.	2.5	6
54	Prevalence and Correlates of Internet Addiction in Undergraduate Students. <i>International Journal of Cyber Behavior, Psychology and Learning</i> , 2012, 2, 16-34.	0.6	6

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55	Self-Report Versus Web-Log. International Journal of Cyber Behavior, Psychology and Learning, 2013, 3, 44-54.	0.6	6
56	Differences in children and adolescents' ability of reporting two CVS-related visual problems. Ergonomics, 2013, 56, 1546-1557.	1.1	5
57	Cyber Attacks, Contributing Factors, and Tackling Strategies. International Journal of Cyber Behavior, Psychology and Learning, 2017, 7, 68-82.	0.6	5
58	Extended priority list and discrete heuristic search for multi-objective unit commitment. International Transactions on Electrical Energy Systems, 2018, 28, e2486.	1.2	5
59	Markov chain-based wind power time series modelling method considering the influence of the state duration on the state transition probability. IET Renewable Power Generation, 2019, 13, 2051-2061.	1.7	5
60	Modeling the Operation of Small-Scale Integrated Energy Systems Based on Data-Driven Robust Optimization. IEEE Transactions on Electrical and Electronic Engineering, 2020, 15, 442-450.	0.8	4
61	Mobile Phone Behavior: An Emerged Discipline of Research. , 2015, , 399-409.		4
62	Learning-based line impedance estimation for partially observable distribution systems. International Journal of Electrical Power and Energy Systems, 2022, 137, 107803.	3.3	4
63	Detailed Investigation on Nonstationary Behavior in a Frequency-Tunable Gyrotron. IEEE Transactions on Electron Devices, 2022, 69, 3400-3406.	1.6	4
64	Cloud-data envelopment analysis method used for assessment of restoration building block schemes. CSEE Journal of Power and Energy Systems, 2015, 1, 43-52.	1.7	3
65	The origins of children's understanding of technologies: A focused rapid review of three approaches. Human Behavior and Emerging Technologies, 0, , .	2.5	3
66	Useful resources, important messages: The explosion of parenting books on adolescents and social networking sites. Journal of Applied Developmental Psychology, 2008, 29, 472-474.	0.8	2
67	Understanding the Technical and Social Complexity of the Internet: A Cognitive Developmental Resource Perspective. , 2017, , 237-251.		2
68	Growing From Childhood into Adolescence. International Journal of Cyber Behavior, Psychology and Learning, 2011, 1, 1-12.	0.6	2
69	Cell Phone Use Leads to Brain Tumors. International Journal of Cyber Behavior, Psychology and Learning, 2012, 2, 30-38.	0.6	2
70	New Evidence of Impacts of Cell Phone Use on Driving Performance. International Journal of Cyber Behavior, Psychology and Learning, 2013, 3, 46-61.	0.6	2
71	Hybrid clustering-based bad data detection of PMU measurements. Energy Conversion and Economics, 2021, 2, 235-247.	1.9	2
72	A generation dispatch model internalizing external costs of power plants. European Transactions on Electrical Power, 2012, 22, 1027-1036.	1.0	1

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73	The Science of Cyber Behavior. International Journal of Cyber Behavior, Psychology and Learning, 2013, 3, 82-87.	0.6	1
74	Application of an improved BHES-BR method to the small signal stability analysis of power systems. International Transactions on Electrical Energy Systems, 2015, 25, 661-677.	1.2	1
75	Can the Virginia Internet Safety Program Improve Fourth Graders' Internet Safety Knowledge?. International Journal of Cyber Behavior, Psychology and Learning, 2014, 4, 33-40.	0.6	1
76	Warm-start piecewise linear approximation-based solution for load pickup problem in electrical distribution system. IET Smart Grid, 2020, 3, 385-393.	1.5	1
77	Internet vs. Matter. International Journal of Cyber Behavior, Psychology and Learning, 2012, 2, 60-72.	0.6	0
78	Growing From Childhood into Adolescence. , 2013, , 1-14.		0
79	A Pilot Study of Comparing Social Network Behaviors between Onlies and Others. International Journal of Cyber Behavior, Psychology and Learning, 2015, 5, 56-66.	0.6	0
80	Growing From Childhood Into Adolescence. , 2019, , 152-165.		0
81	Finding leading scholars in mobile phone behavior: a mixed-method analysis of an emerging interdisciplinary field. Scientometrics, 2021, 126, 9499.	1.6	0
82	Validity and reliability of Cybersecurity Judgment Questionnaire for middle and high school students: A validation study with Rasch analysis. Human Behavior and Emerging Technologies, 0, , .	2.5	0