

Russell Higgs

List of Publications by Year in descending order

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53
papers

274
citations

1163117

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1125743

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g-index

53
all docs

53
docs citations

53
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of an Intelligent Management System for Agricultural Greenhouses Based on the Internet of Things. , 2017, , .		45
2	A Stable Routing Framework for Tree-Based Routing Structures in WSNs. IEEE Sensors Journal, 2014, 14, 3533-3547.	4.7	22
3	Application of Temperature Prediction Based on Neural Network in Intrusion Detection of IoT. Security and Communication Networks, 2018, 2018, 1-10.	1.5	21
4	On the degrees of projective representations. Glasgow Mathematical Journal, 1988, 30, 133-135.	0.3	16
5	Projective characters of degree one and the inflation-restriction sequence. Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 1989, 46, 272-280.	0.3	16
6	Groups with two projective characters. Mathematical Proceedings of the Cambridge Philosophical Society, 1988, 103, 5-14.	0.4	15
7	Groups whose Projective character degrees are powers of a prime. Glasgow Mathematical Journal, 1988, 30, 177-180.	0.3	11
8	Subgroups of the Schur multiplier. Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 1990, 48, 497-505.	0.3	11
9	MINE: A method of Multi-Interaction heterogeneous information Network Embedding. Computers, Materials and Continua, 2020, 63, 1343-1356.	1.9	10
10	Directed broadcast with overhearing for sensor networks. ACM Transactions on Sensor Networks, 2009, 6, 1-35.	3.6	8
11	Groups which act transitively on the projective characters of a normal subgroup. Mathematical Proceedings of the Cambridge Philosophical Society, 1988, 104, 429-434.	0.4	7
12	On projective characters of prime degree. Glasgow Mathematical Journal, 1991, 33, 311-321.	0.3	7
13	High-Throughput Fast-SSC Polar Decoder for Wireless Communications. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	7
14	Study on a storage location strategy based on clustering and association algorithms. Soft Computing, 2020, 24, 5499-5516.	3.6	7
15	An Intelligent Evaluation Model Based on the LEACH Protocol in Wireless Sensor Networks. , 2012, , .		6
16	Research on Software Defect Prediction Framework Based on ISFLA in IoT Communication Software. Computers, Materials and Continua, 2020, 65, 1837-1854.	1.9	6
17	Groups whose projective characters are Galois conjugate. Mathematical Proceedings of the Cambridge Philosophical Society, 1989, 106, 193-197.	0.4	5
18	Projective characters of odd degree. Communications in Algebra, 1998, 26, 3133-3140.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Projective Character Degree Patterns of Groups of Order p^4 . Communications in Algebra, 2006, 34, 4623-4630.	0.6	5
20	Trivial action on the tensor product of finite groups. Glasgow Mathematical Journal, 1988, 30, 271-274.	0.3	4
21	Intelligent Evaluation Models Based on the Single-Hop Protocol in Wireless Sensor Networks. , 2014, , .		4
22	Intelligent Agriculture Technology Based on Internet of Things. Intelligent Automation and Soft Computing, 2022, 32, 429-439.	2.1	4
23	On projective characters of the same degree. Glasgow Mathematical Journal, 1998, 40, 431-434.	0.3	3
24	Research and Application of Cow Estrus Detection Based on the Internet of Things. , 2017, , .		3
25	Finite Groups with Irreducible Projective Representations of Large Degree. Communications in Algebra, 2011, 39, 3897-3904.	0.6	2
26	Degree equality of projective characters. Communications in Algebra, 2017, 45, 4275-4282.	0.6	2
27	Research on, and Development of, Data Extraction and Data Cleaning Technology Based on the Internet of Things. , 2017, , .		2
28	The Application of Data Mining Technology to Big Data. , 2017, , .		2
29	The Electronic Commerce in the Era of Internet of Things and Big Data. , 2017, , .		2
30	The Development of Green Logistics Based on the Internet of Things. , 2017, , .		2
31	Analysis on the Application of Dense Storage Technology in Logistics Based on the IoT. , 2017, , .		2
32	The construction of winter wheat smart water saving irrigation system based on big data and internet of things. International Journal of High Performance Systems Architecture, 2017, 7, 151.	0.3	2
33	The Application of Dense Storage Integration Technology in Tobacco Logistics Centers Based on the Internet of Things. , 2017, , .		2
34	A farmland-microclimate monitoring system based on the internet of things. International Journal of Embedded Systems, 2020, 12, 81.	0.3	2
35	Lifetime and Reliability Evaluation Models based on the Nearest Closer Protocol in Wireless Sensor Networks. , 0, , .		2
36	THE BAD BEHAVIOR OF REPRESENTATION GROUPS. Journal of Algebra and Its Applications, 2005, 04, 139-151.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Fine Control over the Projective Characters of the Centre of a Group. Communications in Algebra, 2010, 38, 4224-4233.	0.6	1
38	Commutators and projective character tables. Communications in Algebra, 2017, 45, 5180-5187.	0.6	1
39	Spatial Quantitative Analysis of Garlic Price Data Based. Computers, Materials and Continua, 2019, 58, 183-195.	1.9	1
40	Projective Character Degree Patterns of p-Groups for p Odd. Communications in Algebra, 2011, 39, 2598-2606.	0.6	0
41	Revisiting the linear information flow algorithm. International Journal of Information and Coding Theory, 2013, 2, 96.	0.3	0
42	Simulation-Based Coverage Optimization for the Nearest Closer Protocol in Wireless Sensor Networks. , 2014, , .		0
43	Intelligent Evaluation Models Based on Different Routing Protocols in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2015, , 197-209.	0.4	0
44	Analysis on the Application of the Internet of Things Technology to Jingdong Mall's Supply Chain Management. , 2017, , .		0
45	The Construction of a Remote Control and Data Collection System of Cai Based. , 2017, , .		0
46	A Study on the Reservoir Intelligent Inspection System Based on the Internet of Things Technology. , 2017, , .		0
47	Facial Expression Recognition Based on Complete Local Binary Pattern and Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 561-572.	1.3	0
48	Projective supercharacter theory. Communications in Algebra, 2020, 48, 3447-3458.	0.6	0
49	Projective characters of extra-special p-groups. Communications in Algebra, 2021, 49, 216-234.	0.6	0
50	Research on electric vehicle charging scheduling algorithms based on a 'fractional knapsack'. International Journal of Embedded Systems, 2021, 14, 36.	0.3	0
51	The construction of winter wheat smart water saving irrigation system based on big data and internet of things. International Journal of High Performance Systems Architecture, 2017, 7, 151.	0.3	0
52	A farmland-microclimate monitoring system based on the internet of things. International Journal of Embedded Systems, 2018, 1, 1.	0.3	0
53	Fusion Recommendation System Based on Collaborative Filtering and Knowledge Graph. Computer Systems Science and Engineering, 2022, 42, 1133-1146.	2.4	0