

Russell Higgs

List of Publications by Year in descending order

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53
papers

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citations

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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 | Intelligent Agriculture Technology Based on Internet of Things. Intelligent Automation and Soft Computing, 2022, 32, 429-439. | 2.1 | 4 |
| 2 | Fusion Recommendation System Based on Collaborative Filtering and Knowledge Graph. Computer Systems Science and Engineering, 2022, 42, 1133-1146. | 2.4 | 0 |
| 3 | Projective characters of extra-special p-groups. Communications in Algebra, 2021, 49, 216-234. | 0.6 | 0 |
| 4 | Research on electric vehicle charging scheduling algorithms based on a 'fractional knapsack'. International Journal of Embedded Systems, 2021, 14, 36. | 0.3 | 0 |
| 5 | Study on a storage location strategy based on clustering and association algorithms. Soft Computing, 2020, 24, 5499-5516. | 3.6 | 7 |
| 6 | A farmland-microclimate monitoring system based on the internet of things. International Journal of Embedded Systems, 2020, 12, 81. | 0.3 | 2 |
| 7 | Projective supercharacter theory. Communications in Algebra, 2020, 48, 3447-3458. | 0.6 | 0 |
| 8 | MINE: A method of Multi-Interaction heterogeneous information Network Embedding. Computers, Materials and Continua, 2020, 63, 1343-1356. | 1.9 | 10 |
| 9 | Research on Software Defect Prediction Framework Based on ISFLA in IoT Communication Software. Computers, Materials and Continua, 2020, 65, 1837-1854. | 1.9 | 6 |
| 10 | Facial Expression Recognition Based on Complete Local Binary Pattern and Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 561-572. | 1.3 | 0 |
| 11 | Spatial Quantitative Analysis of Garlic Price Data Based. Computers, Materials and Continua, 2019, 58, 183-195. | 1.9 | 1 |
| 12 | Application of Temperature Prediction Based on Neural Network in Intrusion Detection of IoT. Security and Communication Networks, 2018, 2018, 1-10. | 1.5 | 21 |
| 13 | High-Throughput Fast-SSC Polar Decoder for Wireless Communications. Wireless Communications and Mobile Computing, 2018, 2018, 1-10. | 1.2 | 7 |
| 14 | A farmland-microclimate monitoring system based on the internet of things. International Journal of Embedded Systems, 2018, 1, 1. | 0.3 | 0 |
| 15 | Commutators and projective character tables. Communications in Algebra, 2017, 45, 5180-5187. | 0.6 | 1 |
| 16 | Degree equality of projective characters. Communications in Algebra, 2017, 45, 4275-4282. | 0.6 | 2 |
| 17 | Research on, and Development of, Data Extraction and Data Cleaning Technology Based on the Internet of Things. , 2017, , . | | 2 |
| 18 | Design of an Intelligent Management System for Agricultural Greenhouses Based on the Internet of Things. , 2017, , . | | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Application of Data Mining Technology to Big Data. , 2017, , . | | 2 |
| 20 | The Electronic Commerce in the Era of Internet of Things and Big Data. , 2017, , . | | 2 |
| 21 | Analysis on the Application of the Internet of Things Technology to Jingdong Mall's Supply Chain Management. , 2017, , . | | 0 |
| 22 | The Development of Green Logistics Based on the Internet of Things. , 2017, , . | | 2 |
| 23 | The Construction of a Remote Control and Data Collection System of Cai Based. , 2017, , . | | 0 |
| 24 | Analysis on the Application of Dense Storage Technology in Logistics Based on the IoT. , 2017, , . | | 2 |
| 25 | A Study on the Reservoir Intelligent Inspection System Based on the Internet of Things Technology. , 2017, , . | | 0 |
| 26 | 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 |
| 27 | The Application of Dense Storage Integration Technology in Tobacco Logistics Centers Based on the Internet of Things. , 2017, , . | | 2 |
| 28 | 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 |
| 29 | Research and Application of Cow Estrus Detection Based on the Internet of Things. , 2017, , . | | 3 |
| 30 | Intelligent Evaluation Models Based on Different Routing Protocols in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2015, , 197-209. | 0.4 | 0 |
| 31 | Simulation-Based Coverage Optimization for the Nearest Closer Protocol in Wireless Sensor Networks. , 2014, , . | | 0 |
| 32 | Intelligent Evaluation Models Based on the Single-Hop Protocol in Wireless Sensor Networks. , 2014, , . | | 4 |
| 33 | A Stable Routing Framework for Tree-Based Routing Structures in WSNs. IEEE Sensors Journal, 2014, 14, 3533-3547. | 4.7 | 22 |
| 34 | Revisiting the linear information flow algorithm. International Journal of Information and Coding Theory, 2013, 2, 96. | 0.3 | 0 |
| 35 | An Intelligent Evaluation Model Based on the LEACH Protocol in Wireless Sensor Networks. , 2012, , . | | 6 |
| 36 | Projective Character Degree Patterns of p-Groups for p Odd. Communications in Algebra, 2011, 39, 2598-2606. | 0.6 | 0 |

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|----|---|-----|-----------|
| 37 | Finite Groups with Irreducible Projective Representations of Large Degree. Communications in Algebra, 2011, 39, 3897-3904. | 0.6 | 2 |
| 38 | Fine Control over the Projective Characters of the Centre of a Group. Communications in Algebra, 2010, 38, 4224-4233. | 0.6 | 1 |
| 39 | Directed broadcast with overhearing for sensor networks. ACM Transactions on Sensor Networks, 2009, 6, 1-35. | 3.6 | 8 |
| 40 | Projective Character Degree Patterns of Groups of Order p^4 . Communications in Algebra, 2006, 34, 4623-4630. | 0.6 | 5 |
| 41 | THE BAD BEHAVIOR OF REPRESENTATION GROUPS. Journal of Algebra and Its Applications, 2005, 04, 139-151. | 0.4 | 1 |
| 42 | Projective characters of odd degree. Communications in Algebra, 1998, 26, 3133-3140. | 0.6 | 5 |
| 43 | On projective characters of the same degree. Glasgow Mathematical Journal, 1998, 40, 431-434. | 0.3 | 3 |
| 44 | On projective characters of prime degree. Glasgow Mathematical Journal, 1991, 33, 311-321. | 0.3 | 7 |
| 45 | Subgroups of the Schur multiplier. Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics, 1990, 48, 497-505. | 0.3 | 11 |
| 46 | 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 |
| 47 | Groups whose projective characters are Galois conjugate. Mathematical Proceedings of the Cambridge Philosophical Society, 1989, 106, 193-197. | 0.4 | 5 |
| 48 | On the degrees of projective representations. Glasgow Mathematical Journal, 1988, 30, 133-135. | 0.3 | 16 |
| 49 | Trivial action on the tensor product of finite groups. Glasgow Mathematical Journal, 1988, 30, 271-274. | 0.3 | 4 |
| 50 | Groups with two projective characters. Mathematical Proceedings of the Cambridge Philosophical Society, 1988, 103, 5-14. | 0.4 | 15 |
| 51 | 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 |
| 52 | Groups whose Projective character degrees are powers of a prime. Glasgow Mathematical Journal, 1988, 30, 177-180. | 0.3 | 11 |
| 53 | Lifetime and Reliability Evaluation Models based on the Nearest Closer Protocol in Wireless Sensor Networks. , 0, , . | | 2 |