# Jingjie Lv

## List of Publications by Year
in descending order

| 75 | 539 | 759233 | 752698 |
|---|---|---|---|
| papers | citations | 12 | 20 |
| | | h-index | g-index |

| 75 | 75 | 75 | 128 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Entanglement-assisted quantum MDS codes from constacyclic codes with large minimum distance. Finite Fields and Their Applications, 2018, 53, 309-325. | 1.0 | 52 |
| 2 | Entanglement-assisted quantum MDS codes from negacyclic codes. Quantum Information Processing, 2018, 17, 1. | 2.2 | 42 |
| 3 | Maximal entanglement entanglement-assisted quantum codes constructed from linear codes. Quantum Information Processing, 2015, 14, 165-182. | 2.2 | 41 |
| 4 | Entanglement-assisted quantum codes constructed from primitive quaternary BCH codes. International Journal of Quantum Information, 2014, 12, 1450015. | 1.1 | 39 |
| 5 | A class of constacyclic BCH codes and new quantum codes. Quantum Information Processing, 2017, 16, 1. | 2.2 | 33 |
| 6 | Application of constacyclic codes to entanglement-assisted quantum maximum distance separable codes. Quantum Information Processing, 2018, 17, 1. | 2.2 | 29 |
| 7 | QUANTUM CODES CONSTRUCTED FROM BINARY CYCLIC CODES. International Journal of Quantum Information, 2004, 02, 265-272. | 1.1 | 21 |
| 8 | New Binary Quantum Codes Derived From One-Generator Quasi-Cyclic Codes. IEEE Access, 2019, 7, 85782-85785. | 4.2 | 20 |
| 9 | On entanglement-assisted quantum codes achieving the entanglement-assisted Griesmer bound. Quantum Information Processing, 2015, 14, 4427-4447. | 2.2 | 15 |
| 10 | New quantum constacyclic codes. Quantum Information Processing, 2019, 18, 1. | 2.2 | 13 |
| 11 | New Entanglement-Assisted Quantum MDS Codes Derived From Generalized Reed-Solomon Codes. International Journal of Theoretical Physics, 2020, 59, 1241-1254. | 1.2 | 12 |
| 12 | Entanglement-assisted quantum codes from cyclic codes and negacyclic codes. Quantum Information Processing, 2020, 19, 1. | 2.2 | 12 |
| 13 | Entanglement-assisted quantum error correction codes with length $$n=q^2+1$$. Quantum Information Processing, 2019, 18, 1. | 2.2 | 11 |
| 14 | An Explicit Construction of Quantum Stabilizer Codes From Quasi-Cyclic Codes. IEEE Communications Letters, 2020, 24, 1067-1071. | 4.1 | 11 |
| 15 | ON TWO PROBLEMS OF ASYMMETRIC QUANTUM CODES. International Journal of Modern Physics B, 2014, 28, 1450017. | 2.0 | 9 |
| 16 | Construction of quantum caps in projective space PG(r,Â4) and quantum codes of distance 4. Quantum Information Processing, 2016, 15, 689-720. | 2.2 | 9 |
| 17 | Quantum Codes Derived from One-Generator Quasi-Cyclic Codes with Hermitian Inner Product. International Journal of Theoretical Physics, 2020, 59, 300-312. | 1.2 | 9 |
| 18 | Ternary self-orthogonal codes of dual distance three and ternary quantum codes of distance three. Designs, Codes, and Cryptography, 2013, 69, 53-63. | 1.6 | 8 |

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|---|---------|----|-----------| 
| 19 | Two families of BCH codes and new quantum codes. Quantum Information Processing, 2018, 17, 1. | 2.2 | 8 |
| 20 | On the Construction of Binary Optimal LCD Codes with Short Length. International Journal of Foundations of Computer Science, 2019, 30, 1237-1245. | 1.1 | 8 |
| 21 | On the Construction of Quantum MDS Codes. International Journal of Theoretical Physics, 2018, 57, 3525-3539. | 1.2 | 7 |
| 22 | A family of negacyclic BCH codes of length $n=\frac{q^{2m}-1}{2}$. Cryptography and Communications, 2020, 12, 187-203. | 1.4 | 7 |
| 23 | NEW QUANTUM CODES CONSTRUCTED FROM A CLASS OF IMPRIMITIVE BCH CODES. International Journal of Quantum Information, 2013, 11, 1350006. | 1.1 | 6 |
| 24 | Maximal entanglement entanglement-assisted quantum codes of distance three. International Journal of Quantum Information, 2015, 13, 1550002. | 1.1 | 6 |
| 25 | Some negacyclic BCH codes and quantum codes. Quantum Information Processing, 2020, 19, 1. | 2.2 | 6 |
| 26 | Maximal entanglement entanglement-assisted quantum codes from quaternary BCH codes. , 2015, , . | | 5 |
| 27 | Binary construction of pure additive quantum codes with distance five or six. Quantum Information Processing, 2015, 14, 183-200. | 2.2 | 5 |
| 28 | Two Families of BCH Codes and New Quantum Codes. International Journal of Theoretical Physics, 2019, 58, 2293-2302. | 1.2 | 5 |
| 29 | Some construction of entanglement-assisted quantum MDS codes. Quantum Information Processing, 2020, 19, 1. | 2.2 | 5 |
| 30 | Hermitian Self-Dual GRS and Extended GRS Codes. IEEE Communications Letters, 2021, 25, 1062-1065. | 4.1 | 5 |
| 31 | New quantum codes constructed from quaternary BCH codes. Quantum Information Processing, 2016, 15, 4099-4116. | 2.2 | 4 |
| 32 | Constructions of quasi-twisted quantum codes. Quantum Information Processing, 2020, 19, 1. | 2.2 | 4 |
| 33 | New Constructions of Short Length Binary Locally Repairable Codes. IEEE Access, 2020, 8, 41282-41287. | 4.2 | 4 |
| 34 | Quantum Codes and Entanglement-Assisted Quantum Codes Derived from One-Generator Quasi-Twisted Codes. International Journal of Theoretical Physics, 2021, 60, 1077-1089. | 1.2 | 4 |
| 35 | Quantum Codes Derived from Quasi-Twisted Codes of Index 2 with Hermitian Inner Product. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 1411-1415. | 0.3 | 4 |
| 36 | Defense against local model poisoning attacks to byzantine-robust federated learning. Frontiers of Computer Science, 2022, 16, 1. | 2.4 | 4 |

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| 37 | New Binary Quantum Codes Constructed from Quasi-Cyclic Codes. International Journal of Theoretical Physics, 2022, 61, . | 1.2 | 4 |
| 38 | Optimal binary codes and binary construction of quantum codes. Frontiers of Computer Science, 2014, 8, 1024-1031. | 2.4 | 3 |
| 39 | New binary quantum stabilizer codes from the binary extremal self-dual $[48, 24, 12]$ $[48,24,12]$ code. Quantum Information Processing, 2015, 14, 2761-2774. | 2.2 | 3 |
| 40 | New quantum codes derived from a family of antiprimitive BCH codes. International Journal of Quantum Information, 2017, 15, 1750052. | 1.1 | 3 |
| 41 | New quantum codes from matrix-product codes over small fields. Quantum Information Processing, 2020, 19, 1. | 2.2 | 3 |
| 42 | New Binary Quantum Codes Derived from Quasi-Twisted Codes with Hermitian Inner Product. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 1718-1722. | 0.3 | 3 |
| 43 | Two Families of Entanglement-Assisted Quantum MDS Codes from Cyclic Codes. International Journal of Theoretical Physics, 2021, 60, 1833-1842. | 1.2 | 3 |
| 44 | Quasi-cyclic constructions of asymmetric quantum error-correcting codes. Cryptography and Communications, 2021, 13, 661. | 1.4 | 3 |
| 45 | Quatemary Hermitian linear complementary dual codes with small distance. , 2020, , . |  | 3 |
| 46 | New Quantum Codes Constructed by Quantum Caps in PG(3,9) and PG(4,9). IEEE Access, 2020, 8, 227894-227900. | 4.2 | 3 |
| 47 | On the Classification of Some Three Dimensional Quaternary Optimal Self-orthogonal Codes. , 2009, , . |  | 2 |
| 48 | New Non-Binary Stabilizer Quantum Codes Derived from Quasi-Negacyclic Codes. , 2019, , . |  | 2 |
| 49 | New quantum constacyclic codes with length n=2(qm+1). International Journal of Quantum Information, 2019, 17, 1950057. | 1.1 | 2 |
| 50 | Construction of New Matrix-Product Codes and Their Applications. IEEE Access, 2019, 7, 164044-164050. | 4.2 | 2 |
| 51 | A New Method of Constructing Binary Quantum Codes From Arbitrary Quaternary Linear Codes. IEEE Communications Letters, 2020, 24, 472-476. | 4.1 | 2 |
| 52 | Singleton-Type Optimal LRCs with Minimum Distance 3 and 4 from Projective Code. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 319-323. | 0.3 | 2 |
| 53 | On Locality of Some Ternary Linear Codes of Dimension 6. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 2172-2175. | 0.3 | 2 |
| 54 | Extended quasi-cyclic constructions of quantum codes and entanglement-assisted quantum codes. Computational and Applied Mathematics, 2021, 40, 1. | 2.2 | 2 |

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| 55 | Some Quantum Error-Correcting Codes with d = 5. Journal of Physics: Conference Series, 2020, 1684, 012078. | 0.4 | 2 |
| 56 | Three quantum error-correcting codes constructed from self-orthogonal codes over GF(4). , 2007, , . | | 1 |
| 57 | Algebraic Immunity of Even Variable Symmetric Boolean Functions. , 2009, , . | | 1 |
| 58 | Quantum Codes of Minimum Distance Three Constructed from Binary Codes of Odd Length. , 2010, , . | | 1 |
| 59 | On shortening construction of self-orthogonal quaternary codes. , 2015, , . | | 1 |
| 60 | New nonbinary quantum codes with larger distance constructed from BCH codes over ?q2. International Journal of Modern Physics B, 2017, 31, 1750034. | 2.0 | 1 |
| 61 | On Binary Cyclic Locally Repairable Codes with Locality 2. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 1588-1591. | 0.3 | 1 |
| 62 | Ternary optimal quantum codes constructed from caps in $$PG(k,9)(k \ge 2)$$. Quantum Information Processing, 2022, 21, . | 2.2 | 1 |
| 63 | Classification of Quaternary [21s+1,3] Optimal Self-orthogonal Codes. , 2009, , . | | 0 |
| 64 | Classification of Quaternary [21s + 4,3] Optimal Self-orthogonal Codes. , 2009, , . | | 0 |
| 65 | A class of imprimitive BCH codes and new quantum codes. , 2012, , . | | 0 |
| 66 | Weight distributions of binary optimal codes and their applications. , 2012, , . | | 0 |
| 67 | Asymmetric Quantum Codes of Large Z - Distance Constructed from a Class of Quaternary Imprimitive BCH Codes. , 2015, , . | | 0 |
| 68 | A Class of Negacyclic Codes and Their Application to Quantum Codes. , 2019, , . | | 0 |
| 69 | Optimal (r, Î)-Locally Repairable Codes From Simplex Code and Cap Code. IEEE Access, 2020, 8, 215414-215418. | 4.2 | 0 |
| 70 | An explicit construction of quantum codes from one-generator generalized quasi-cyclic codes. MATEC Web of Conferences, 2021, 336, 04001. | 0.2 | 0 |
| 71 | Constructions and Some Search Results of Ternary LRCs with <i>d</i> = 6. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 644-649. | 0.3 | 0 |
| 72 | Optimal Maximal Entanglement EAQECCs constructed by LCD caps in PG(3,9) and PG(4,9). , 2020, , . | | 0 |

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| 73 | On the locality of some optimal ternary codes with dimension 6. , 2020, , . | | 0 |
| 74 | Two families of LRCs with availability based on iterative matrix. , 2020, , . | | 0 |
| 75 | Locally Repairable Codes from Cyclic Codes and Generalized Quadrangles. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 947-950. | 0.3 | 0 |