

# Shenglin Zhou

## List of Publications by Year in descending order

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papers

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840776

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#	ARTICLE	IF	CITATIONS
1	Imprimitive flag-transitive symmetric designs. <i>Journal of Combinatorial Theory - Series A</i> , 2006, 113, 1381-1395.	0.8	35
2	Flag-transitive Point-Primitive Symmetric $(\frac{1}{2}, \Gamma, \hat{\Gamma})$ Designs With $\hat{\Gamma}$ at Most 100. <i>Journal of Combinatorial Designs</i> , 2013, 21, 127-141.	0.6	31
3	Sporadic groups and flag-transitive triplanes. <i>Science in China Series A: Mathematics</i> , 2009, 52, 394-400.	0.5	20
4	Flag-transitive $2$ - $(v, k, \hat{\Gamma})$ symmetric designs with $(k, \hat{\Gamma}) = 1$ and alternating socle. <i>Frontiers of Mathematics in China</i> , 2015, 10, 1483-1496.	0.7	19
5	Flag-transitive $2$ -Symmetric Designs with Sporadic Socle. <i>Journal of Combinatorial Designs</i> , 2015, 23, 140-150.	0.6	18
6	Alternating groups and flag-transitive triplanes. <i>Designs, Codes, and Cryptography</i> , 2010, 57, 117-126.	1.6	17
7	Flag-transitive Point-Primitive Automorphism Groups of Nonsymmetric Designs. <i>Journal of Combinatorial Designs</i> , 2016, 24, 421-435.	0.6	17
8	Non-symmetric $2$ -designs admitting a two-dimensional projective linear group. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 2765-2773.	1.6	15
9	Finite classical groups and flag-transitive triplanes. <i>Discrete Mathematics</i> , 2009, 309, 5183-5195.	0.7	14
10	Flag-transitive non-symmetric $2$ -designs with $(r, \lambda) = 1$ and sporadic socle. <i>Designs, Codes, and Cryptography</i> , 2016, 81, 481-487.	1.6	14
11	Exceptional groups of Lie type and flag-transitive triplanes. <i>Science China Mathematics</i> , 2010, 53, 447-456.	1.7	12
12	Flag-transitive automorphism groups of $2$ -designs with $(r, \lambda) = 2$ and an application to symmetric designs. <i>Ars Mathematica Contemporanea</i> , 2018, 14, 187-195. <a href="http://www.w3.org/1998/Math/MathML">A classification of flag-transitive</a> $\langle \mathbb{Z}_2 \times \Gamma \rangle$ -designs with $(r, \lambda) = 2$	0.6	12
13	$\langle \mathbb{Z}_2 \times \Gamma \rangle$ -designs with $(r, \lambda) = 2$ and an application to symmetric designs. <i>Discrete Mathematics</i> , 2017, 340, 630-636.	0.7	8
14	Finite line-transitive linear spaces: Theory and search strategies. <i>Acta Mathematica Sinica, English Series</i> , 2009, 25, 1399-1436.	0.6	7
15	Flag-transitive $2$ -designs of product type. <i>Journal of Combinatorial Designs</i> , 2018, 26, 455-462.	0.6	7
16	Block Designs with $\gcd(r, \lambda) = 1$ Admitting Flag-Transitive Automorphism Groups. <i>Results in Mathematics</i> , 2022, 77, .	0.8	7
17	Alternating groups and flag-transitive $2$ - $(v, k, 4)$ symmetric designs. <i>Journal of Combinatorial Designs</i> , 2011, 19, 475-483.	0.6	6
18	Affine groups and flag-transitive triplanes. <i>Science China Mathematics</i> , 2012, 55, 2557-2578.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Flag-transitive primitive $(v, k, \hat{\lambda})$ symmetric designs with $\hat{\lambda}$ at most 10 and alternating socle. Journal of Algebra and Its Applications, 2014, 13, 1450025.	0.4	5
20	A classification of flag-transitive point-primitive 2-designs with block size 6. Journal of Combinatorial Designs, 2018, 26, 147-153.	0.6	5
21	Combinatorial extensions of Terwilliger algebras and wreath products of association schemes. Discrete Mathematics, 2017, 340, 892-905.	0.7	4
22	Flag-transitive point-primitive automorphism groups of non-symmetric 2- $(v, k, \lambda_3)$ designs. Designs, Codes, and Cryptography, 2018, 86, 1757-1766.	1.6	4
23	Reduction for primitive flag-transitive symmetric 2- $(v, k, \lambda)$ designs with $\lambda$ at most 10 and alternating socle. Discrete Mathematics, 2020, 343, 111843.	0.7	2
24	Block Primitive 2- $(v, k, 1)$ Designs Admitting a Ree Group of Characteristic Two. Designs, Codes, and Cryptography, 2005, 36, 159-169.	1.6	3
25	Classification of line-transitive point-imprimitive linear spaces with line size at most 12. Designs, Codes, and Cryptography, 2008, 47, 99-111.	1.6	3
26	Flag-transitive point-primitive $(v, k, \hat{\lambda})$ -symmetric designs with $\hat{\lambda}$ at most 100 and alternating socle. Mathematica Slovaca, 2016, 66, .	0.6	3
27	Flag-transitive point-quasiprimitive automorphism groups of 2-designs with $(v, k, \lambda)$ designs with $\lambda$ at most 10 and alternating socle. Discrete Mathematics, 2019, 342, 427-432.	0.7	3
28	Flag-transitive point-primitive non-symmetric $2-(v, k, 2)$ designs with alternating socle. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2016, 23, .	0.2	3
29	Extremely primitive groups and linear spaces. Czechoslovak Mathematical Journal, 2016, 66, 445-455.	0.3	2
30	Point-primitive linear spaces with number of points being a product of two primes. Communications in Algebra, 2017, 45, 4222-4237.	0.6	2
31	Reduction for primitive flag-transitive symmetric 2- $(v, k, \lambda)$ designs with $\lambda$ at most 10 and alternating socle. Discrete Mathematics, 2020, 343, 111843.	0.7	2
32	Reduction for primitive flag-transitive nonsymmetric 2- $(v, k, 4)$ designs. Journal of Algebra and Its Applications, 2020, 19, 2050240.	0.4	2
33	Flag-transitive 2-designs with the prime square replication number. Discrete Mathematics, 2021, 344, 112225.	0.7	2
34	Reduction for flag-transitive 2- $(v, k, \hat{\lambda})$ designs with $(r, \hat{\lambda})=2$ . Journal of Combinatorial Designs, 2021, 29, 629-643.	0.6	2
35	Reduction of flag-transitive automorphism groups of 2- $(v, k, \hat{\lambda})$ designs with $(r, \hat{\lambda})=2$ . Discrete Mathematics, 2021, 344, 112521.	0.7	2
36	Flag-transitive 2- $(v, k, \lambda)$ designs with $(r, \lambda)=(k-3)$ . Designs, Codes, and Cryptography, 2022, 90, 863-869.	1.6	2

#	ARTICLE	IF	CITATIONS
37	Line-transitive point-imprimitive linear spaces with Fang-Li parameter $\gcd(k, r)$ at most ten. <i>Frontiers of Mathematics in China</i> , 2012, 7, 1095-1112.	0.7	1
38	Symmetric designs admitting flag-transitive and point-primitive almost simple automorphism groups of Lie type. <i>Journal of Algebra and Its Applications</i> , 2017, 16, 1750192.	0.4	1
39	Flag-transitive point-quasiprimitive $2$ - $(v, k, 2)$ $(v, k, 2)$ designs. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 1963-1971.	1.6	1
40	Flag-transitive quasi-residual designs with sporadic socle. <i>Applied Mathematics and Computation</i> , 2018, 320, 56-60.	2.2	1
41	Flag-transitive $2$ - $(\Gamma, 5, \hat{\nu})$ designs with sporadic socle. <i>Frontiers of Mathematics in China</i> , 2020, 15, 1201-1210.	0.7	1
42	A note on flag-transitive automorphism groups of $2$ -designs with $\lambda \geq (r, \lambda)^2$ . <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2020, , 1.	0.5	1
43	Block-transitive and Point-primitive $2$ -Designs with Sporadic Socle. <i>Journal of Combinatorial Designs</i> , 2017, 25, 231-238.	0.6	0
44	Line-transitive point-imprimitive linear spaces with number of points being a product of two primes. <i>Journal of Algebra and Its Applications</i> , 2017, 16, 1750110.	0.4	0
45	Induced designs and fixed points. <i>Discrete Mathematics</i> , 2021, 344, 112242.	0.7	0
46	Flag-transitive, point-imprimitive $2$ - $(v, k, \lambda)$ symmetric designs with $k$ and $\lambda$ prime powers. <i>Designs, Codes, and Cryptography</i> , 2021, 89, 1255-1260.	1.6	0
47	Alternating groups and flag-transitive non-symmetric $2$ - $(v, k, \hat{\nu})$ designs with $\hat{\nu} \in \Gamma(r, \hat{\nu})^2$ . <i>Discrete Mathematics</i> , 2022, 345, 112703.	0.7	0
48	Block-transitive automorphism groups of $2$ - $(v, k, \hat{\nu})$ $(v, k, \lambda)$ designs with $(r, k) = 1$ $(r, k) = 1$ . <i>Journal of Combinatorial Designs</i> , 0, , .	0.6	0
49	Flag-transitive quasi-symmetric designs with block intersection numbers 0 and 2. <i>Journal of Algebra and Its Applications</i> , 0, , .	0.4	0