

# Svetlana T Topalova

## List of Publications by Year in descending order

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29  
papers

151  
citations

1163117

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h-index

1281871

11  
g-index

30  
all docs

30  
docs citations

30  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallelisms of $PG(3, \hat{A}5)$ with an Automorphism Group of Order 25. Trends in Mathematics, 2021, , 668-674.	0.1	1
2	Backtrack Search for Parallelisms of Projective Spaces. Lecture Notes in Computer Science, 2021, , 544-557.	1.3	2
3	On parallelisms of $PG(5, 2)$ invariant under a cyclic subgroup of order 21. , 2021, , .		0
4	Isomorphism and Invariants of Parallelisms of Projective Spaces. Lecture Notes in Computer Science, 2020, , 162-172.	1.3	6
5	Some parallelisms of $PG(3, 5)$ involving a definite type of spread. , 2020, , .		3
6	On the diffusion of the Improved Generalized Feistel. Advances in Mathematics of Communications, 2020, .	0.7	0
7	On the Diffusion Property of the Improved Generalized Feistel with Different Permutations for Each Round. Lecture Notes in Computer Science, 2019, , 38-49.	1.3	1
8	Classification of optimal $(v, \hat{A}k, \hat{A}1)$ binary cyclically permutable constant weight codes with $k=5, k=5, 6$ and 7 and small lengths. Designs, Codes, and Cryptography, 2019, 87, 365-374.	1.6	0
9	Types of spreads and duality of the parallelisms of $PG(3, \hat{A}5)$ with automorphisms of order 13. Designs, Codes, and Cryptography, 2019, 87, 495-507.	1.6	9
10	Parallelisms of $\mathit{PG}(3,4)$ Invariant Under Cyclic Groups of Order 4. Lecture Notes in Computer Science, 2019, , 88-99.	1.3	8
11	Classification of Strongly Conflict-Avoiding Codes. IEEE Communications Letters, 2018, 22, 2415-2418.	4.1	0
12	On Tight Optimal Conflict-Avoiding Codes for 3, 4, 5 and 6 Active Users. Cybernetics and Information Technologies, 2018, 18, 5-11.	1.1	2
13	Classification of optimal conflict-avoiding codes of weights 6 and 7. Electronic Notes in Discrete Mathematics, 2017, 57, 9-14.	0.4	2
14	New parallelisms of $PG(3, 4)$ . Electronic Notes in Discrete Mathematics, 2017, 57, 193-198.	0.4	5
15	Optimal conflict-avoiding codes for 3, 4 and 5 active users. Problems of Information Transmission, 2017, 53, 42-50.	0.5	7
16	New Regular Parallelisms of $PG(3, 5)$ . Journal of Combinatorial Designs, 2016, 24, 473-482.	0.6	9
17	On point-transitive and transitive deficiency one parallelisms of $PG(3,4)(3,4)$ . Designs, Codes, and Cryptography, 2015, 75, 9-19.	1.6	13
18	Book spreads in $\langle \mathit{PG}(3,4) \rangle$ . Discrete Mathematics, 2014, 330, 76-86.	0.7	1

#	ARTICLE	IF	CITATIONS
19	On transitive parallelisms of $PG(3,4)$ $PG(3,4)$ . Applicable Algebra in Engineering, Communications and Computing, 2013, 24, 159-164.	0.5	9
20	Optimal $(v,5,2,1)$ $(v,5,2,1)$ optical orthogonal codes of small $v$ . Applicable Algebra in Engineering, Communications and Computing, 2013, 24, 165-177.	0.5	4
21	Optimal $(v,4,2,1)$ optical orthogonal codes with small parameters. Journal of Combinatorial Designs, 2012, 20, 142-160.	0.6	11
22	Classification of optimal $(v,4,1)$ binary cyclically permutable constant-weight codes and cyclic $2-(v,4,1)$ codes. Journal of Combinatorial Designs, 2013, 21, 1-10.	0.5	4
23	2-Spreads and Transitive and Orthogonal 2-Parallelisms of $PG(5,2)$ . Graphs and Combinatorics, 2010, 26, 727-735.	0.4	8
24	Line spreads of $PG(5,2)$ . Journal of Combinatorial Designs, 2009, 17, 90-102.	0.6	14
25	Hadamard $2-(63,31,15)$ designs invariant under the dihedral group of order 10. Discrete Mathematics, 2009, 309, 1347-1356.	0.7	2
26	Steiner triple systems of order 19 and 21 with subsystems of order 7. Discrete Mathematics, 2008, 308, 2732-2741.	0.7	20
27	Enumeration of the doubles of the projective plane of order 4. Discrete Mathematics, 2006, 306, 2141-2151.	0.7	0
28	Classification of Hadamard matrices of order 44 with automorphisms of order 7. Discrete Mathematics, 2003, 260, 275-283.	0.7	7
29	Symmetric $2-(69,17,4)$ designs with automorphisms of order 13. Journal of Statistical Planning and Inference, 2001, 95, 335-339.	0.6	3