

# Mustafa SarÄ±saman

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

305  
citations

933264

10  
h-index

839398

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unitary structure of palindromes in DNA. <i>BioSystems</i> , 2022, 211, 104565.	0.9	2
2	Energy Stored in a Slab Covered by Graphene Sheets. , 2021, , 71-89.		0
3	Lasing with Topological Weyl Semimetal. <i>Scientific Reports</i> , 2020, 10, 3127.	1.6	5
4	Spectral singularities and tunable slab lasers with 2D material coating. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 2128.	0.9	5
5	Broadband and wide-angle invisibility with P T-symmetric 2D-Weyl semimetal. <i>Journal of Applied Physics</i> , 2019, 126, 163102.	1.1	5
6	Broadband coherent perfect absorber with PT-symmetric 2D-materials. <i>Annals of Physics</i> , 2019, 401, 139-148.	1.0	7
7	Spectral singularities, threshold gain, and output intensity for a slab laser with mirrors. <i>Annals of Physics</i> , 2018, 392, 165-178.	1.0	4
8	Unidirectional invisibility and $PT$ -symmetry with graphene. <i>Physical Review B</i> , 2018, 97, .	1.1	21
9	PT-symmetric coherent perfect absorber with graphene. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 2423.	0.9	20
10	Unidirectional reflectionlessness and invisibility in the TE and TM modes of a $PT$ -symmetric slab system. <i>Physical Review A</i> , 2017, 95, .	1.0	34
11	Nonlinear spectral singularities and laser output intensity. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 105601.	1.0	12
12	Spectral singularities in the TE and TM modes of a $PT$ -symmetric slab system: Optimal conditions for realizing a CPA laser. <i>Annals of Physics</i> , 2016, 375, 265-287.	1.0	18
13	Lasing-threshold condition for oblique TE and TM modes, spectral singularities, and coherent perfect absorption. <i>Physical Review A</i> , 2015, 91, .	1.0	26
14	Euclidean pseudoduality and boundary conditions in sigma models. <i>Nuclear Physics B</i> , 2013, 868, 314-327.	0.9	1
15	PSEUDODUALITY AND COMPLEX GEOMETRY IN SIGMA MODELS. <i>International Journal of Geometric Methods in Modern Physics</i> , 2013, 10, 1350034.	0.8	1
16	Spectral singularities in the surface modes of a spherical gain medium. <i>Physical Review A</i> , 2013, 88, .	1.0	24
17	Spectral singularities and whispering gallery modes of a cylindrical gain medium. <i>Physical Review A</i> , 2013, 87, .	1.0	30
18	Optical spectral singularities and coherent perfect absorption in a two-layer spherical medium. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2012, 468, 3224-3246.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Spectral singularities of a complex spherical barrier potential and their optical realization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3387-3391.	0.9	42
20	PSEUDODUALITY IN SUPERSYMMETRIC SIGMA MODELS ON SYMMETRIC SPACES. Modern Physics Letters A, 2011, 26, 1825-1841.	0.5	1
21	PSEUDODUALITY IN SUPERSYMMETRIC SIGMA MODELS. International Journal of Modern Physics A, 2010, 25, 2997-3023.	0.5	4
22	Pseudoduality between symmetric space sigma models. Journal of Mathematical Physics, 2009, 50, .	0.5	3
23	PSEUDODUALITY AND CONSERVED CURRENTS IN SIGMA MODELS. Modern Physics Letters A, 2009, 24, 123-134.	0.5	3