

# Nikolay M Shubin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6375180/publications.pdf>

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11  
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#	ARTICLE	IF	CITATIONS
1	Unified theory of resonances and bound states in the continuum in Hermitian tight-binding models. Physical Review B, 2017, 96, .	3.2	23
2	Coalescence of resonances in dissipationless resonant tunneling structures and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si23.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="script" \rangle PT} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -symmetry breaking. Annals of Physics, 2017, 376, 353-371.	2.8	14
3	PT-symmetry breaking in resonant tunneling heterostructures. JETP Letters, 2016, 103, 769-773.	1.4	11
4	$\mathbb{P}\mathbb{T}$ -symmetric interference transistor. Scientific Reports, 2018, 8, 15780.	3.3	11
5	Bound states in the continuum in asymmetrical quantum-mechanical and electromagnetic waveguides. Physical Review B, 2021, 104, .	3.2	7
6	Interacting resonances and antiresonances in conjugated hydrocarbons: exceptional points and bound states in the continuum. Physical Chemistry Chemical Physics, 2021, 23, 20854-20866.	2.8	7
7	Quantum logic gates. Physics-Usp ekhi, 2018, 61, 1100-1115.	2.2	6
8	Non-Hermitian Hamiltonians and Quantum Transport in Multi-Terminal Conductors. Entropy, 2020, 22, 459.	2.2	2
9	Destructive Quantum Interference and Exceptional Points in the High-Frequency Response of a Two-State System. JETP Letters, 2019, 110, 618-623.	1.4	0
10	EFFECTIVE INTERFERENCE MECHANISM FOR CONDUCTIVITY CONTROL IN MOLECULAR ELECTRONICS. Nanotechnologies in Russia, 2019, 14, 504-510.	0.7	0
11	Subpicosecond light pulses induced by Fano antiresonance buildup process. Optics Express, 2020, 28, 14590.	3.4	0