

# Michael Sekania

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

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citations

1163117

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1125743

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15  
all docs

15  
docs citations

15  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature of the insulating phases in the half-filled ionic Hubbard model. Journal of Physics Condensed Matter, 2003, 15, 5895-5907.	1.8	64
2	$\hat{I}$ -pairing superconductivity in the Hubbard chain with pair hopping. Physical Review B, 2001, 65, .	3.2	57
3	Insulating behavior with spin and charge order in the ionic Hubbard model. Physical Review B, 2009, 79, .	3.2	37
4	Pulse and quench induced dynamical phase transition in a chiral multiferroic spin chain. Physical Review B, 2016, 94, .	3.2	28
5	Braiding errors in interacting Majorana quantum wires. Physical Review B, 2017, 96, .	3.2	26
6	Nature of the Peierls- to Mott-insulator transition in 1D. European Physical Journal B, 2003, 31, 11-16.	1.5	24
7	Electronic structure of palladium in the presence of many-body effects. Physical Review B, 2016, 93, .	3.2	15
8	Mass-imbalanced ionic Hubbard chain. Physical Review B, 2017, 96, .	3.2	8
9	Scaling behavior of the Compton profile of alkali metals. Physica A: Statistical Mechanics and Its Applications, 2018, 489, 18-27.	2.6	6
10	Lattice dynamics of palladium in the presence of electronic correlations. Physical Review B, 2020, 101, .	3.2	3
11	Magnetic Compton profiles of Ni beyond the one-particle picture: Numerically exact and perturbative solvers of dynamical mean-field theory. Physical Review B, 2021, 103, .	3.2	3
12	One-Dimensional Electron-Phonon Systems: Mott- Versus Peierls-Insulators. , 2003, , 339-349.		1
13	$L$ -hole pockets of the Fermi surface of palladium revealed by positron annihilation spectroscopy. Physical Review B, 2021, 104, .	3.2	1
14	Directional scrambling of quantum information in helical multiferroics. Physical Review B, 2021, 104, .	3.2	1
15	Fermi Surface Modeling of Light-Rare-Earth Hexaborides using Positron Annihilation Spectroscopy. Physica Status Solidi (B): Basic Research, 2022, 259, 2100151.	1.5	0