

# Colin Rylands

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8400745/publications.pdf>

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229  
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#	ARTICLE	IF	CITATIONS
1	Non-Abelian bosonization in a $s$ - $d$ Kondo semimetal via quantum anomalies. Physical Review B, 2022, 105, .	3.2	1
2	Rise and fall of Yu-Shiba-Rusinov bound states in charge-conserving $s$ -wave one-dimensional superconductors. Physical Review B, 2022, 105, .	3.2	1
3	Chiral Anomaly in Interacting Condensed Matter Systems. Physical Review Letters, 2021, 126, 185303.	7.8	16
4	Loschmidt echo of far-from-equilibrium fermionic superfluids. Annals of Physics, 2021, 435, 168554.	2.8	9
5	Roadmap on Atomtronics: State of the art and perspective. AVS Quantum Science, 2021, 3, .	4.9	87
6	Nonequilibrium Aspects of Integrable Models. Annual Review of Condensed Matter Physics, 2020, 11, 147-168.	14.5	9
7	Universal nonequilibrium $I$ - $V$ curve near the two-channel Kondo-Luttinger quantum critical point. Physical Review B, 2020, 102, .	3.2	5
8	Photon-Mediated Peierls Transition of a 1D Gas in a Multimode Optical Cavity. Physical Review Letters, 2020, 125, 010404.	7.8	13
9	Exact boundary modes in an interacting quantum wire. Physical Review B, 2020, 101, .	3.2	5
10	Many-Body Dynamical Localization in a Kicked Lieb-Liniger Gas. Physical Review Letters, 2020, 124, 155302.	7.8	21
11	Kondo impurity at the edge of a superconducting wire. Physical Review Research, 2020, 2, .	3.6	8
12	Quantum work of an optical lattice. Physical Review B, 2019, 100, .	3.2	9
13	Loschmidt amplitude and work distribution in quenches of the sine-Gordon model. Physical Review B, 2019, 99, .	3.2	18
14	Quantum dot in interacting environments. Physical Review B, 2018, 97, .	3.2	7
15	Quantum dot at a Luttinger liquid edge. Physical Review B, 2017, 96, .	3.2	14
16	Quantum impurity in a Luttinger liquid: Exact solution of the Kane-Fisher model. Physical Review B, 2016, 94, .	3.2	14