

# Luis E Oxman

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

159  
citations

1163117

8  
h-index

1199594

12  
g-index

25  
all docs

25  
docs citations

25  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern Revivals from Fractional Gouy Phases in Structured Light. Physical Review Letters, 2020, 124, 033902.	7.8	29
2	Strongly correlated fermions with nonlinear energy dispersion and spontaneous generation of anisotropic phases. Physical Review B, 2003, 67, .	3.2	25
3	Universal transverse conductance between quantum Hall regions and (2+1) D bosonization. Nuclear Physics B, 2000, 580, 721-738.	2.5	14
4	4D ensembles of percolating center vortices and monopole defects: The emergence of flux tubes with $N$ -ality and gluon confinement. Physical Review D, 2018, 98, .	4.7	14
5	Transport in finite incommensurate Peierls-Fröhlich systems. Physical Review B, 2000, 61, 4603-4607.	3.2	9
6	Detecting topological sectors in continuum Yang-Mills theory and the fate of BRST symmetry. Physical Review D, 2015, 92, .	4.7	8
7	Two-qudit geometric phase evolution under dephasing. Annals of Physics, 2018, 390, 159-179.	2.8	8
8	$k$ -strings with exact Casimir law and Abelian-like profiles. Physical Review D, 2019, 99, .	4.7	8
9	3D Yang-Mills confining properties from a non-Abelian ensemble perspective. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
10	From Center-Vortex Ensembles to the Confining Flux Tube. Universe, 2021, 7, 253.	2.5	6
11	Exploring center strings in SU(2) and SU(3) relativistic Yang-Mills-Higgs models. Physical Review D, 2017, 95, .	4.7	5
12	SU(N) $\hat{=}$ Z(N) dual superconductor models: the magnetic loop ensemble point of view. EPJ Web of Conferences, 2017, 137, 03015.	0.3	5
13	Competition between Pomeranchuk instabilities in the nematic and hexatic channels in a two-dimensional spinless Fermi fluid. Physical Review B, 2008, 78, .	3.2	3
14	Geometry of the Shannon mutual information in continuum QFT. Physical Review D, 2017, 95, .	4.7	3
15	Renormalizability of the center-vortex free sector of Yang-Mills theory. Physical Review D, 2020, 101, .	4.7	3
16	Study of Gribov copies in a Yang-Mills ensemble. Physical Review D, 2021, 103, .	4.7	3
17	String Breaking and Z(2) Local Symmetry in the 3D Georgi-Glashow Model. Journal of High Energy Physics, 2004, 2004, 051-051.	4.7	2
18	BPS strings and the stability of the asymptotic Casimir law in adjoint flavor-symmetric Yang-Mills-Higgs models. Physical Review D, 2020, 102, .	4.7	2

#	ARTICLE	IF	CITATIONS
19	Quantum effects due to a moving Dirichlet point. Physical Review D, 2020, 101, .	4.7	2
20	Universal Landauer conductance in chiral symmetric two-dimensional systems. Physical Review B, 2008, 77, .	3.2	1
21	Vacuum fluctuations in the presence of nonlinear boundary conditions. Physical Review D, 2015, 92, .	4.7	1
22	Renormalizability of a Yang-Mills center-vortex ensemble. Physical Review D, 2022, 105, .	4.7	1
23	Single superfield representation for mixed retarded and advanced correlators in disordered systems. Journal of Physics A, 2004, 37, 9607-9620.	1.6	0
24	Duality and the Compactification of Confining 3D Models with Dynamical Quarks. AIP Conference Proceedings, 2004, , .	0.4	0
25	Long range interactions and the 3D asymptotic fermion spectrum. Journal of Physics A, 2006, 39, 14727-14734.	1.6	0