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Année	Auteur(s)	Titre article	Revue	Archivage	Thème
2026	APRILE F., SEMERARO M., GONNELLA G.	Ordering and Defect Dynamics in Passive and Active Nematopolars		(arXiv:2607.07656)	D
2026	BIONDINI G., BONNEMAIN T., DOYON B., EL G., ROBERTI G.	Kinetic equations for a two-dimensional soliton gas		(arXiv:2606.30582)	B/C
2026	BOCCHI D., NEGRI M., NICOLETTI F., D AMICO F.	Generalization properties of the token perceptron: the role of embedding and vocabulary		(arXiv:2610.32788)	D
2026	BONNEMAIN T., COPIE F., SURRET P., RANDOUX S.	Exact Charge, Current, and Velocity Fields of Interacting Korteweg-de Vries Solitons		(arXiv:2606.02043)	B/C
2026	BUREKOVIC S., KOLE S.J., MAITRA A., NARDINI C.	Bulk and microphase separation in chiral active systems		(arXiv:2607.12045)	D
2026	CANTINI L.	An integrable approach to macroscopic fluctuation theory for the multispecies SSEP		(arXiv:2606.27186)	B/C
2026	CHRISTOPOULOS A., COSTA J., SCOPA S., DE NARDIS J., LENARCIC Z., BERNARD D., JIN T	Nonlinear Fluctuating Hydrodynamics from Interacting Noisy Quantum Matter		(arXiv:2609.00159)	B/C
2026	COSTA J, RIBEIRO P., DE LUCA A.	Macroscopic fluctuation theory of stochastic systems undergoing monitoring		(arXiv:2610.18500)	A
2026	DAEM F., FERRAZ BALLESTEROS L., ZAMPELI A., MATZKIN A.	Sensing relativistic quantum fields with minimally perturbing local measurements		(arXiv:2607.17920)	A
2026	DUTTA S., SAHA A.	Brownian gyration of an inertial ellipsoid		(arXiv:2606.17554)	B/C
2026	DWOLING N., TURKESHI X., DE NARDIS J., LAMI G.	Noise-induced Simulability Transition from Operator Scrambling		(arXiv:2605.18943)	B/C
2026	EL KADERI Y., HONECKER A., ANDRIANOVA I.	Continuous Noise Model for Quantum Circuits		(arXiv:2604.26008)	A
2026	GIAQUINTA C., HERNANDEZ L., CHAVALARIAS D.	Probabilistic neighbors' selection competes with confirmation bias in a bounded confidence model		(arXiv:2610.07971)	D
2026	GRASSI M., CARIGNANO S., TAGLIACOZZO L., DE NARDIS J.	Strong Simulation of 1D Quantum Circuits via Reduced Transition Matrices		(arXiv:2610.02082)	B/C
2026	HABCHY M., ROSE F., LECHEMINANT P.	Loop-current orderings in SU(N) two-leg fermionic ladder through		(arXiv:2607.08862)	A
2026	JANGID S., SAHA S., KETHEPALLI J., GUISELIN B., DE NARDIS J., SADHU T.	An exactly solvable macroscopic fluctuation theory of single-file diffusion		(arXiv:2607.14073)	A
2026	KARLOVA K., ROUXEL M., STRECKA J., HONECKER A.	Spin-1/2 Heisenberg diamond-like decorated honeycomb lattice in a magnetic field from the perspective of localized magnons and exact diagonalization		(arXiv:2610.21955)	A
2026	KOLE S.J., ALEXANDER G.P., MAITRA A., RAMASWAMY S.	Chirality destroys oriented active solids		(arXiv:2610.25953)	D
2026	KOLE S.J., ALEXANDER G.P., MAITRA A., RAMASWAMY S.	Effect of chirality on active elastomers and solids in three dimensions		(arXiv:2610.25945)	D
2026	LEROUX R., ESTEVEZ-TORRES A., VOITURIEZ R., MAITRA A., LOBATO-DAUZIER N., GALAS J.C.	Density and shape govern the dynamical self-organization of active matter on a droplet		(arXiv:2603.23735)	D
2026	LOIO H., DE NARDIS J., JIN T.	Quantum-to-Classical Computability Transition via Negative Markov Chains		(arXiv:2604.19889)	B/C
2026	LUIS A., BALLESTEROS FERRAZ L.	Kirkwood-Dirac distributions in classical optics		(arXiv:2604.08325)	A
2026	PERRIER R., HERNANDEZ L., ALVAREZ-HAMELIN J.I., BEIROS M.G., KOTZINOS D.	Synchronization between media followers and political supporters during an election process: towards a real time study		(arXiv:2503.05552)	D
2026	PHAM B., ZAKI M.J., AMBROGIONI L., KROTOV D., NEGRI M.	Language Diffusion Models are Associative Memories Capable of Retrieving Unseen Data		(arXiv:2604.26841)	D
2026	PRAMANIK S., DUTTA S., SAHA A.	Non-reciprocity drives a Brownian dimer out of equilibrium		(arXiv:2607.27740)	B/C
2026	SAHA S., KETHEPALLI J., GUISELIN B., DE NARDIS J., SADHU T.	Universal tracer statistics in single-file transport		(arXiv:2604.24741)	B/C
2026	SAULIERE A., LAMI G., LOIO H., MALDONADO T.J., KUMA S., ROUSHAN P., DE LUCA A., DE NARDIS J.	Observation of Universal Quantum Chaos at Shallow Depths		(arXiv:2609.28623)	B/C

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2026	**SYGA S., RAY C.G., NAVA-SEDENO J.M., PERUANI F., DEUTSCH A.**	Minority-Triggered Reorientations Yield Macroscopic Cascades and Enhanced Responsiveness in Swarms		(arXiv:2603.07254)	D
2026	**URILYON A., VASSEUR R., GOPALAKRISHNAN S., DE NARDIS J.**	Anomalous Diffusion and Superdiffusion in Integrable Spin Chains via a Hard-Rod Gas Mapping		(arXiv:2603.02171)	B/C
2025	**BALLESTEROS FERRAZ L., MATZKIN A., KUMAR PAN A.**	Temperature-induced measurement sensitivity enhancement via imaginary weak values		(arXiv:2509.04048)	A
2025	**DOWLING N., DE NARDIS J., HEINRICH M., TURKESHI X., PAPPALARDI S.**	Free Independence and Unitary Design from Random Matrix Product Unitaries		(arXiv:2508.00051)	B/C
2025	**LOIO H., LAMI G., LEONE L., MCGINLEY M., TURKESHI X., DE NARDIS J.**	Quantum State Designs via Magic Teleportation	Accepted Phys Rev Applied (2026)	(arXiv:2510.13950)	B/C
2025	**MAITRA A., JENTSCH P., CHEN L., FAN LEE C., TONER J., RAMASWAMY S.**	The inconvenient truth about flocks		(arXiv:2503.17064)	D
2025	**TIRRITO E., LUMIA L., PAVIGLIANITI A., LAMI G., SILVA A., TURKESHI X., COLLURA M.**	Magic phase transitions in monitored gaussian fermions		(arXiv:2507.07179)	B/C
2025	**TIXIDRE F., MONGILLO G., TORCINI A.**	Is the cortical dynamics ergodic? A numerical study in partially symmetric networks of spiking neurons		(arXiv:2508.04354)	D
2024	**HALIMEH J.C., KHODAEVA U.E., KOVRIZHIN D.L., MOESSNER R., KNOLLE J.**	Disorder-Free Localization for Benchmarking Quantum Computers		(arXiv:2410.08268)	A
2022	**DUPREY Q., MATZKIN A.**	Comment on "Does the weak trace show the past of a quantum particle?"		(arXiv:2202.11574)	A
2022	**KOIBUCHI H., KATO F., EL HOG S., DIGUET G., DUCHARNE B., UCHIMOTO T., DIEP H.T.**	Effect of Geometric Confinement on the Stabilization of Skyrmions.		(arXiv:2208.03847)	A
2020	**NARAYAN SAHOO S., HOME D., MATZKIN A., SINHA U.**	Comment on "Observing the "quantum Cheshire cat" effect with noninvasive weak measurement''.		(arXiv:2006.00792)	A