

CITATION REPORT

List of articles citing

A high-bias, low-variance introduction to Machine Learning for physicists

DOI: 10.1016/j.physrep.2019.03.001
Physics Reports, 2019, 810, 1-124.

Source: <https://exaly.com/paper-pdf/73524325/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
468	Universality Scaling, and Collapse in Supercritical Fluids.		
467	Asset Management. 2016 ,		1
466	Machine learning determination of dynamical parameters: The Ising model case. 2019 , 100,		7
465	Memory formation in matter. 2019 , 91,		72
464	Unveiling phase transitions with machine learning. 2019 , 100,		25
463	Learning moment closure in reaction-diffusion systems with spatial dynamic Boltzmann distributions. 2019 , 99, 063315		2
462	Identifying quantum phase transitions using artificial neural networks on experimental data. 2019 , 15, 917-920		81
461	Nobel Prize: Complexity from Atoms to Atmospheres. 2019 , 12,		5
460	Machine Learning for Vibrational Spectroscopic Maps. 2019 , 15, 6850-6858		33
459	Excitonic Wave Function Reconstruction from Near-Field Spectra Using Machine Learning Techniques. 2019 , 123, 163202		11
458	Fluorescent Biosensors for Neurotransmission and Neuromodulation: Engineering and Applications. 2019 , 13, 474		44
457	Exploring the standard model EFT in VH production with machine learning. 2019 , 100,		19
456	Deep reinforcement learning for quantum Szilard engine optimization. 2019 , 100,		4
455	Quantum topology identification with deep neural networks and quantum walks. 2019 , 5,		22
454	DeepCMB: Lensing reconstruction of the cosmic microwave background with deep neural networks. 2019 , 28, 100307		34
453	Generalization from correlated sets of patterns in the perceptron. 2019 , 52, 384004		7
452	Structural Prediction and Inverse Design by a Strongly Correlated Neural Network. 2019 , 123, 108002		7

451	Machine Learning SNP Based Prediction for Precision Medicine. 2019 , 10, 267	68
450	Spin-qubit noise spectroscopy from randomized benchmarking by supervised learning. 2019 , 99,	1
449	Day-Ahead Electric Load Forecasting for the Residential Building with a Small-Size Dataset Based on a Self-Organizing Map and a Stacking Ensemble Learning Method. 2019 , 9, 1231	14
448	Detecting Examinees With Item Preknowledge in Large-Scale Testing Using Extreme Gradient Boosting (XGBoost). 2019 , 79, 931-961	16
447	Understanding ML Driven HPC: Applications and Infrastructure. 2019 ,	1
446	Status and future perspectives for lattice gauge theory calculations to the exascale and beyond. 2019 , 55, 1	21
445	Why do Enterprises Adopt Natural Language Processing Services? Startups Landscape and Opportunities in Artificial Intelligence. 2019 ,	1
444	Testing the Mitchell's Criteria in High Energy Physics to Improve Signal Efficiency for the Searching of Heavy Particles in a Photon Collider. 2019 ,	
443	A machine learning study to identify spinodal clumping in high energy nuclear collisions. 2019 , 2019, 1	19
442	Neural network setups for a precise detection of the many-body localization transition: Finite-size scaling and limitations. 2019 , 100,	8
441	Parameterized quantum circuits as machine learning models. 2019 , 4, 043001	148
440	Robust data-driven approach for predicting the configurational energy of high entropy alloys. 2020 , 185, 108247	16
439	A convolutional neural network approach to deblending seismic data. 2020 , 85, WA13-WA26	29
438	maze: Heterogeneous ligand unbinding along transient protein tunnels. 2020 , 247, 106865	3
437	Attenuation of marine seismic interference noise employing a customized U-Net. 2020 , 68, 845-871	22
436	Statistical Mechanics of Deep Learning. 2020 , 11, 501-528	36
435	Cosmological parameter estimation from large-scale structure deep learning. 2020 , 63, 1	6
434	Real-Time Cuffless Continuous Blood Pressure Estimation Using Deep Learning Model. 2020 , 20,	26

433	Machine Prediction of Topological Transitions in Photonic Crystals. 2020 , 14,	5
432	Photonic quantum metrology. 2020 , 2, 024703	71
431	Pattern recognition of financial institutions payment behavior. 2020 , 1, 100011	0
430	A matter of time: Using dynamics and theory to uncover mechanisms of transcriptional bursting. 2020 , 67, 147-157	9
429	The Role of Machine Learning in the Understanding and Design of Materials. 2020 ,	64
428	Machine learning the deuteron. 2020 , 809, 135743	11
427	Wavelet scattering networks for atomistic systems with extrapolation of material properties. 2020 , 153, 084109	4
426	An empirical evaluation of random transformations applied to ensemble clustering. 2020 , 79, 34253-34285	1
425	Machine learning for quantum matter. 2020 , 5, 1797528	44
424	Application of artificial neural networks to solution of variational problems in hydrodynamics. 2020 , 1553, 012005	0
423	Single-Exposure Absorption Imaging of Ultracold Atoms Using Deep Learning. 2020 , 14,	6
422	Neural networks for modeling electron transport properties of mesoscopic systems. 2020 , 102,	1
421	Proposed Requirements for Cardiovascular Imaging-Related Machine Learning Evaluation (PRIME): A Checklist: Reviewed by the American College of Cardiology Healthcare Innovation Council. 2020 , 13, 2017-2035	34
420	Hamiltonian modelling of macro-economic urban dynamics. 2020 , 7, 200667	3
419	Towards novel insights in lattice field theory with explainable machine learning. 2020 , 101,	16
418	Topological quantum phase transitions retrieved through unsupervised machine learning. 2020 , 102,	24
417	Quantum Many-Body Dynamics in Two Dimensions with Artificial Neural Networks. 2020 , 125, 100503	25
416	Variational mean-field theory for training restricted Boltzmann machines with binary synapses. 2020 , 102, 030301	3

415	Artificial Neural Networks. 2020 , 53-81	
414	Topological defects and confinement with machine learning: The case of monopoles in compact electrodynamics. 2020 , 102,	4
413	Statistical learning theory of structured data. 2020 , 102, 032119	9
412	Random Forest Model of Ultralow-Frequency Magnetospheric Wave Power. 2020 , 7, e2020EA001274	3
411	Deep learning of topological phase transitions from entanglement aspects. 2020 , 102,	9
410	Predicting critical transitions in multiscale dynamical systems using reservoir computing. 2020 , 30, 123126	2
409	Detecting anomalous payments networks: A dimensionality-reduction approach. 2020 , 1, 100001	1
408	Predicting porosity, permeability, and tortuosity of porous media from images by deep learning. 2020 , 10, 21488	20
407	Determination of bubble sizes in bubble column reactors with machine learning regression methods. 2020 , 163, 47-57	4
406	Applications of a neural network to detect the percolating transitions in a system with variable radius of defects. 2020 , 30, 083145	0
405	Unsupervised Manifold Clustering of Topological Phononics. 2020 , 124, 185501	33
404	Shear-induced ordering in systems with competing interactions: A machine learning study. 2020 , 152, 204905	5
403	The Minimum Environmental Perturbation Principle: A New Perspective on Niche Theory. 2020 , 196, 291-305	6
402	Unsupervised Machine Learning and Band Topology. 2020 , 124, 226401	35
401	Characterization of photoexcited states in the half-filled one-dimensional extended Hubbard model assisted by machine learning. 2020 , 101,	1
400	Critical exponent for the Lyapunov exponent and phase transitions in the generalized Hamiltonian mean-field model. 2020 , 53, 215001	
399	Fully Automated Identification of Two-Dimensional Material Samples. 2020 , 13,	6
398	Trees and forests in nuclear physics. 2020 , 47, 082001	4

397	The Doubled-Edged Sword of T1-Mapping in Systemic Sclerosis-A Comparison with Infectious Myocarditis Using Cardiovascular Magnetic Resonance. 2020 , 10,	2
396	General screening of surface alloys for catalysis. 2020 , 10, 4467-4476	9
395	A reinforcement learning approach for quantum state engineering. 2020 , 2, 1	7
394	Turbulence model reduction by deep learning. 2020 , 101, 061201	8
393	Toward empirical force fields that match experimental observables. 2020 , 152, 230902	14
392	Big-Data Science in Porous Materials: Materials Genomics and Machine Learning. 2020 , 120, 8066-8129	128
391	Computational Intelligent Approaches for Non-Technical Losses Management of Electricity. 2020 , 13, 2393	4
390	Purifying Electron Spectra from Noisy Pulses with Machine Learning Using Synthetic Hamilton Matrices. 2020 , 124, 113201	3
389	Prediction in a driven-dissipative system displaying a continuous phase transition using machine learning. 2020 , 101, 022102	4
388	Machine Learning for Optical Gas Sensing: A Leaky-Mode Humidity Sensor as Example. 2020 , 20, 6954-6963	4
387	Machine learning for imaging Cherenkov detectors. 2020 , 15, C02012-C02012	2
386	The Community Simulator: A Python package for microbial ecology. 2020 , 15, e0230430	11
385	Systematic Review of Polygenic Risk Scores for Type 1 and Type 2 Diabetes. 2020 , 21,	15
384	Quantum approximate Bayesian computation for NMR model inference. 2020 , 2, 396-402	4
383	Combining high-performance hardware, cloud computing, and deep learning frameworks to accelerate physical simulations: probing the Hopfield network. 2020 , 41, 035802	0
382	Improving the dynamics of quantum sensors with reinforcement learning. 2020 , 22, 035001	12
381	Combined Brain-Heart Magnetic Resonance Imaging in Autoimmune Rheumatic Disease Patients with Cardiac Symptoms: Hypothesis Generating Insights from a Cross-sectional Study. 2020 , 9,	5
380	Machine learning for active matter. 2020 , 2, 94-103	77

379	Drawing Phase Diagrams of Random Quantum Systems by Deep Learning the Wave Functions. 2020 , 89, 022001	21
378	Quantitative immunology for physicists. <i>Physics Reports</i> , 2020 , 849, 1-83	27.7 10
377	Analysis of NIF scaling using physics informed machine learning. 2020 , 27, 012703	10
376	Machine learning based on reservoir computing with time-delayed optoelectronic and photonic systems. 2020 , 30, 013111	18
375	Quantum learning with noise and decoherence: a robust quantum neural network. 2020 , 2, 1	8
374	Smart Technologies, Systems and Applications. 2020 ,	1
373	Intelligent Electromagnetic Sensing with Learnable Data Acquisition and Processing. 2020 , 1, 100006	35
372	Characterization of solid renal neoplasms using MRI-based quantitative radiomics features. 2020 , 45, 2840-2850	15
371	Restricted Boltzmann Machine method for dimensionality reduction of large spectroscopic data. 2020 , 167, 105849	8
370	Steam consumption prediction of a gas sweetening process with methyldiethanolamine solvent using machine learning approaches. 2021 , 45, 879-893	5
369	Monte Carlo simulation of order-disorder transition in refractory high entropy alloys: A data-driven approach. 2021 , 187, 110135	14
368	Predicting long- and short-range order with restricted Boltzmann machine. 2021 , 11, 015027	1
367	Neural Networks. 2021 , 19-45	0
366	How Do Machines Learn? Artificial Intelligence as a New Era in Medicine. 2021 , 11,	17
365	Generalization Comparison of Deep Neural Networks via Output Sensitivity. 2021 ,	1
364	Spatial Resolution Enhancement of Brillouin Optical Correlation-Domain Reflectometry Using Convolutional Neural Network: Proof of Concept. 2021 , 9, 124701-124710	2
363	Machine learning based on wave and diffusion physical systems. 2021 , 70, 144204-144204	0
362	Perspectives for analyzing non-linear photo-ionization spectra with deep neural networks trained with synthetic Hamilton matrices. 2021 , 228, 502-518	0

361	Prediction of fatigue crack growth with neural network-based increment learning scheme. 2021 , 241, 107402	17
360	Neural Networks and Imbalanced Learning for Data-Driven Scientific Computing With Uncertainties. 2021 , 9, 15334-15350	2
359	Finding the deconfinement temperature in lattice Yang-Mills theories from outside the scaling window with machine learning. 2021 , 103,	3
358	Machine Learning for Sensing Applications: A Tutorial. 2021 , 1-1	1
357	Emerging CMOS Compatible Magnetic Memories and Logic. 2021 , 9, 456-463	0
356	Machine-Learning the Landscape. 2021 , 87-130	
355	Inverse Problems in Physics. 2021 , 129-138	
354	Characterizing the loss landscape of variational quantum circuits. 2021 , 6, 025011	16
353	Towards End-to-End Deep Learning Performance Analysis of Electric Motors. 2021 , 10, 28	4
352	Quantifying information accumulation encoded in the dynamics of biochemical signaling. 2021 , 12, 1272	5
351	Reflection on modern methods: building causal evidence within high-dimensional molecular epidemiological studies of moderate size. 2021 , 50, 1016-1029	1
350	Magnetic Resonance Imaging Based Radiomic Models of Prostate Cancer: A Narrative Review. 2021 , 13,	10
349	Estimating the degree of non-Markovianity using machine learning. 2021 , 103,	5
348	Neural mode jump Monte Carlo. 2021 , 154, 074101	2
347	Unsupervised manifold learning of collective behavior. 2021 , 17, e1007811	1
346	Unsupervised Learning Universal Critical Behavior via the Intrinsic Dimension. 2021 , 11,	6
345	Faster State Preparation across Quantum Phase Transition Assisted by Reinforcement Learning. 2021 , 126, 060401	5
344	A Linear Frequency Principle Model to Understand the Absence of Overfitting in Neural Networks. 2021 , 38, 038701	1

343	Automated machine learning can classify bound entangled states with tomograms. 2021 , 20, 1	1
342	Inspection Method of Rope Arrangement in the Ultra-Deep Mine Hoist Based on Optical Projection and Machine Vision. 2021 , 21,	1
341	Machine learning active-nematic hydrodynamics. 2021 , 118,	10
340	Optimizing quantum heuristics with meta-learning. 2021 , 3, 1	5
339	Creating and concentrating quantum resource states in noisy environments using a quantum neural network. 2021 , 136, 141-151	5
338	Calibration of Multiparameter Sensors via Machine Learning at the Single-Photon Level. 2021 , 15,	7
337	Fatty Liver Disease Prediction Model Based on Big Data of Electronic Physical Examination Records. 2021 , 9, 668351	0
336	Unsupervised outlier detection in heavy-ion collisions. 2021 , 96, 064003	8
335	Measuring the electron temperature and identifying plasma detachment using machine learning and spectroscopy. 2021 , 92, 043520	2
334	Machine learning approach to muon spectroscopy analysis. 2021 , 33,	0
333	Modified empirical formulas and machine learning for decay systematics. 2021 , 48, 055103	5
332	Prediction of Ecosystem Service Function of Grain for Green Project Based on Ensemble Learning. 2021 , 12, 537	2
331	Practical Machine-Learning Applications in Well-Drilling Operations. 2021 , 1-19	4
330	Machine Learning in Measurement Part 1: Error Contribution and Terminology Confusion. 2021 , 24, 84-92	4
329	Optimization of a Spin-Orbit Torque Switching Scheme Based on Micromagnetic Simulations and Reinforcement Learning. 2021 , 12,	5
328	Restricted Boltzmann machine: Recent advances and mean-field theory*. 2021 , 30, 040202	9
327	Machine learning study of the deformed one-dimensional topological superconductor. 2021 , 79, 173-184	0
326	URL Phishing Detection using Machine Learning Techniques based on URLs Lexical Analysis. 2021 ,	5

325	Machine learning the dynamics of quantum kicked rotor. 2021 , 435, 168500	0
324	Age Differences in Estimating Physical Activity by Wrist Accelerometry Using Machine Learning. 2021 , 21,	0
323	Supervised and unsupervised learning of directed percolation. 2021 , 103, 052140	0
322	Machine learning and quantum devices.	2
321	Unsupervised Learning Methods for Molecular Simulation Data. 2021 , 121, 9722-9758	34
320	Renormalized Mutual Information for Artificial Scientific Discovery. 2021 , 126, 200601	0
319	Supervised Learning in Physical Networks: From Machine Learning to Learning Machines. 2021 , 11,	6
318	Cosmic Velocity Field Reconstruction Using AI. 2021 , 913, 2	3
317	Microswimmers learning chemotaxis with genetic algorithms. 2021 , 118,	9
316	Deep learning approach for identification of H ii regions during reionization in 21-cm observations. 2021 , 505, 3982-3997	1
315	Realising and compressing quantum circuits with quantum reservoir computing. 2021 , 4,	4
314	Adaptive Bayesian algorithm for achieving a desired magneto-sensitive transition. 2021 , 29, 21031-21043	1
313	Extracting Local Symmetry of Mono-Atomic Systems from Extended X-ray Absorption Fine Structure Using Deep Neural Networks. 2021 , 13, 1070	2
312	Enhancing Associative Memory Recall and Storage Capacity Using Confocal Cavity QED. 2021 , 11,	2
311	Learning and organization of memory for evolving patterns.	
310	Feature Selection Techniques for the Analysis of Discriminative Features in Temporal and Frontal Lobe Epilepsy: A Comparative Study. 2021 , 15, 1-15	0
309	Topology identification in distribution system via machine learning algorithms. 2021 , 16, e0252436	2
308	Particle image velocimetry analysis with simultaneous uncertainty quantification using Bayesian neural networks. 2021 , 32, 104003	1

307	Experimental semi-autonomous eigensolver using reinforcement learning. 2021 , 11, 12241	1
306	Machine learning for complete intersection Calabi-Yau manifolds: A methodological study. 2021 , 103,	4
305	A three-stage, deep learning, ensemble approach for prognosis in patients with Parkinson's disease. 2021 , 11, 52	4
304	Near-infrared spectroscopy as a tool for monitoring the spatial variability of sugarcane quality in the fields. 2021 , 206, 150-161	1
303	Learning the ground state of a non-stoquastic quantum Hamiltonian in a rugged neural network landscape. 2021 , 10,	4
302	Digital twin, physics-based model, and machine learning applied to damage detection in structures. 2021 , 155, 107614	34
301	Molecular insights on ABL kinase activation using tree-based machine learning models and molecular docking. 2021 , 25, 1301-1314	4
300	Representation of Images by the Optimal Lattice Partitions of Random Counts. 2021 , 31, 381-393	1
299	Determining fundamental parameters of detached double-lined eclipsing binary systems via a statistically robust machine learning method. 2021 , 507, 1795-1813	0
298	Interpretable and unsupervised phase classification. 2021 , 3,	1
297	Detection and Evaluation of Machine Learning Bias. 2021 , 11, 6271	1
296	DOME: recommendations for supervised machine learning validation in biology. 2021 , 18, 1122-1127	25
295	A NEAT quantum error decoder. 2021 , 11,	1
294	Machine learning models as an alternative to determine productivity losses caused by weeds. 2021 , 77, 5072-5085	
293	Predicting Pressure Sensitivity to Luminophore Content and Paint Thickness of Pressure-Sensitive Paint Using Artificial Neural Network. 2021 , 21,	
292	Machine Learning Versus Semidefinite Programming Approach to a Particular Problem of the Theory of Open Quantum Systems. 2021 , 42, 1622-1629	1
291	Removal of cross-phase modulation artifacts in ultrafast pump-probe dynamics by deep learning. 2021 , 6, 076104	3
290	Protein structure prediction by AlphaFold2: are attention and symmetries all you need?. 2021 , 77, 982-991	7

289	Learning crystal field parameters using convolutional neural networks. 2021 , 11,	0
288	Turbulence theories and statistical closure approaches. <i>Physics Reports</i> , 2021 , 935, 1-1	27.7 10
287	Nuclear energy density functionals grounded in ab initio calculations. 2021 , 104,	2
286	Dueling Network Architecture for Multi-Agent Deep Deterministic Policy Gradient. 2021 ,	0
285	Conditional generative models for sampling and phase transition indication in spin systems. 2021 , 11,	3
284	AI@TSS- Intelligent technical support scam detection system. 2021 , 61, 102921	
283	A novel ensemble-based conceptual-data-driven approach for improved streamflow simulations. 2021 , 143, 105094	9
282	Unsupervised learning for identifying events in active target experiments. 2021 , 1010, 165461	3
281	Machine learning on neutron and x-ray scattering and spectroscopies. 2021 , 2, 031301	3
280	Evaluating foehn occurrence in a changing climate based on reanalysis and climate model data using machine learning. 2021 ,	0
279	Frequentist parameter estimation with supervised learning. 2021 , 3, 034401	1
278	Analysis of Kohn-Bham Eigenfunctions Using a Convolutional Neural Network in Simulations of the Metal-Insulator Transition in Doped Semiconductors. 2021 , 90, 094001	
277	Preliminary performance study of a brief review on machine learning techniques for analogy based software effort estimation. 1	0
276	Reinforcement Learning for Many-Body Ground-State Preparation Inspired by Counterdiabatic Driving. 2021 , 11,	4
275	Machine-learned phase diagrams of generalized Kitaev honeycomb magnets. 2021 , 3,	1
274	Using machine-learning methods for analysing the results of numerical simulation of laser-plasma acceleration of electrons. 2021 , 51, 854-860	1
273	Accurate diagnosis of lung tissues for 2D Raman spectrogram by deep learning based on short-time Fourier transform. 2021 , 1179, 338821	2
272	Highly accurate machine learning model for kinetic energy density functional. 2021 , 414, 127621	0

271	Time correlation functions for quantum systems: Validating Bayesian approaches for harmonic oscillators and beyond. 2021 , 155, 134108	0
270	Exploring neural network training strategies to determine phase transitions in frustrated magnetic models. 2021 , 198, 110702	3
269	Two-pulse switching scheme and reinforcement learning for energy efficient SOT-MRAM simulations. 2021 , 185, 108075	
268	Three-dimensional modelling using spatial regression machine learning and hydrogeological basement VES. 2021 , 156, 104907	
267	Prediction of Maximum Scour Depth near Spur Dikes in Uniform Bed Sediment Using Stacked Generalization Ensemble Tree-Based Frameworks. 2021 , 147, 04021050	16
266	Characterising soft matter using machine learning. 2021 , 17, 3991-4005	6
265	Fundamental Concepts of Machine Learning. 2021 , 5-18	
264	Exact representations of many-body interactions with restricted-Boltzmann-machine neural networks. 2021 , 103, 013302	8
263	Machine Learning in Physics and Engineering. 2021 , 47-54	
262	A Deep Learning Approach for the Computation of Curvature in the Level-Set Method. 2021 , 43, A1754-A1779	5
261	Classification of equation of state in relativistic heavy-ion collisions using deep learning. 2020 , 2020, 1	3
260	Machine Learning for Condensed Matter Physics. 2020 ,	18
259	Learning how structures form in drift-wave turbulence. 2020 , 62, 105017	1
258	A deep learning functional estimator of optimal dynamics for sampling large deviations. 2020 , 1, 035004	11
257	Quantum machine learning and quantum biomimetics: A perspective. 2020 , 1, 033002	24
256	Deeply uncertain: comparing methods of uncertainty quantification in deep learning algorithms. 2021 , 2, 015002	9
255	Towards recognizing the light facet of the Higgs boson. 2020 , 1, 045025	3
254	Reducing autocorrelation times in lattice simulations with generative adversarial networks. 2020 , 1, 045011	12

253	The Community Simulator: A Python package for microbial ecology.	3
252	CRYSPNet: Crystal structure predictions via neural networks. 2020 , 4,	11
251	Active learning algorithm for computational physics. 2020 , 2,	5
250	Learning the Ising model with generative neural networks. 2020 , 2,	4
249	Adaptive phase estimation through a genetic algorithm. 2020 , 2,	3
248	Casimir effect with machine learning. 2020 , 2,	1
247	Thermodynamics and feature extraction by machine learning. 2020 , 2,	2
246	Forward and inverse design of kirigami via supervised autoencoder. 2020 , 2,	14
245	Defective glycosylation and multisystem abnormalities characterize the primary immunodeficiency XMEN disease. 2020 , 130, 507-522	42
244	Probing the transition from dislocation jamming to pinning by machine learning. 2020 , 4,	3
243	QuSpin: a Python package for dynamics and exact diagonalisation of quantum many body systems. Part II: bosons, fermions and higher spins. 2019 , 7,	47
242	The First Application of Neural Networks to the Analysis of the TUS Orbital Detector Data. 2020 , 75, 657-664	2
241	Machine learning methods for perioperative anesthetic management in cardiac surgery patients: a scoping review.. 2021 , 13, 6976-6993	0
240	Introduction and Literature Review of the Application of Machine Learning/Deep Learning to Control Problems of Power Systems. 2021 , 83-117	
239	Deep learning of topological phase transitions from entanglement aspects: An unsupervised way. 2021 , 104,	0
238	Excess entropy scaling law: A potential energy landscape view. 2021 , 104, 044128	1
237	Entropy and complexity unveil the landscape of memes evolution. 2021 , 11, 20022	4
236	Remotely Piloted Aircraft Systems (RPAS) and machine learning: A review in the context of forest science. 2021 , 42, 8207-8235	3

235	Improved Stress Estimation with Machine Learning and Ultrasonic Guided Waves. 2022 , 62, 237	0
234	Automated, predictive, and interpretable inference of <i>C. elegans</i> escape dynamics.	
233	Quantitative Immunology for Physicists.	1
232	Machine Learning for Forecasting Building System Energy Consumption. 2020 , 235-242	
231	Beyond the Gaussian Models. 2020 , 591-643	
230	Epilogue. 2020 , 785-788	
229	Optimization of k value and lag parameter of k-nearest neighbor algorithm on the prediction of hotel occupancy rates. 2020 , 8, 246-254	1
228	Entropy, Free Energy, and Work of Restricted Boltzmann Machines. 2020 , 22,	1
227	A comprehensive neural networks study of the phase transitions of Potts model. 2020 , 22, 063016	7
226	Risk-utility tradeoff shapes memory strategies for evolving patterns.	
225	Evaluate River Water Salinity in a Semi-Arid Agricultural Watershed by Coupling Ensemble Machine Learning Technique with SWAT Model.	1
224	Special Issue "Localisation 2020" Editorial Summary. 2021 , 435, 168664	0
223	Combining Particle-Based Simulations and Machine Learning to Understand Defect Kinetics in Thin Films of Symmetric Diblock Copolymers.	3
222	Quantum Machine-Learning for Eigenstate Filtration in Two-Dimensional Materials. 2021 , 143, 18426-18445	8
221	Machine learning for physics-informed generation of dispersed multiphase flow using generative adversarial networks. 2021 , 35, 807	6
220	Basic Concepts and Methods of Estimation. 2020 , 517-550	
219	Binary Random Fields. 2020 , 645-688	
218	Precision annealing Monte Carlo methods for statistical data assimilation and machine learning. 2020 , 2,	

217	Open challenges in environmental data analysis and ecological complex systems (a). 2020 , 132, 68001	2
216	Quié es quié en la red de coautoré en Colombia. 2020 ,	
215	Machine learning on the electronBoson mechanism in superconductors. 2020 , 22, 123014	0
214	ML-Based Analysis of Particle Distributions in High-Intensity Laser Experiments: Role of Binning Strategy. 2020 , 23,	1
213	Machine learning phases and criticalities without using real data for training. 2020 , 102,	2
212	More on Estimation. 2020 , 551-589	
211	Data Analysis of Particle Physics Experiments Based on Machine Learning and the Mitchellé Criteria. 2020 , 364-374	
210	More on Spatial Prediction. 2020 , 485-515	
209	Trend Models and Estimation. 2020 , 41-81	
208	Gaussian Random Fields. 2020 , 245-307	1
207	Cardiovascular magnetic resonance clarifies arrhythmogenicity in asymptomatic young athletes with ventricular arrhythmias undergoing pre-participation evaluation. 2020 , 20, 561-571	1
206	Denosing low-intensity diffraction signals using k -space deep learning: Applications to phase recovery. 2021 , 3,	0
205	Extracting multi-way chromatin contacts from Hi-C data.	
204	A universal neural network for learning phases. 2021 , 136, 1	1
203	Measurement-Based Feedback Quantum Control with Deep Reinforcement Learning for a Double-Well Nonlinear Potential. 2021 , 127, 190403	3
202	Pattern recognition of financial institutionsÉpayment behavior. 2020 ,	
201	Machine Learning for Conservative-to-Primitive in Relativistic Hydrodynamics. 2021 , 13, 2157	0
200	High-Throughput Experimentation and Computational Freeway Lanes for Accelerated Battery Electrolyte and Interface Development Research. 2102678	5

199	How To Use Neural Networks To Investigate Quantum Many-Body Physics. 2021 , 2,	2
198	A comparative study of universal quantum computing models: Toward a physical unification. 2021 , 3, e85	0
197	Introduction. 2021 , 1-4	
196	Error-Correcting Neural Networks for Semi-Lagrangian Advection in the Level-Set Method.	0
195	Machine Learning for Auto-segmentation in Radiotherapy Planning.. 2022 ,	2
194	Machine learning of phase transitions in nonlinear polariton lattices. 2022 , 5,	0
193	Intelligent electromagnetic metasurface camera: system design and experimental results. 2022 ,	3
192	Preserving gauge invariance in neural networks. 2022 , 258, 09004	
191	Social physics. <i>Physics Reports</i> , 2022 , 948, 1-148	27.7 23
190	High bias machine learning for antineutrino-based safeguards for small reactors. 2022 , 169, 108897	
189	Ensemble Learning for Prediction of Toxicity in Prostate Cancer Radiotherapy: Comparison Between Stacking and Genetic Algorithm Weighted Voting. 2020 ,	
188	Perspectives. 2021 , 291-296	
187	The neutron star outer crust equation of state: a machine learning approach. 2022 , 2022, 045	0
186	Neural Network Evidence of a Weakly First-Order Phase Transition for the Two-Dimensional 5-State Potts Model.	
185	Astronomical big data processing using machine learning: A comprehensive review. 2022 , 53, 1-43	3
184	Learning a compass spin model with neural network quantum states.. 2021 ,	
183	The quantum annealing gap and quench dynamics in the exact cover problem. 6, 624	0
182	The application of artificial intelligence and custom algorithms with inertial wearable devices for gait analysis and detection of gait-altering pathologies in adults: A scoping review of literature.. 2022 , 8, 20552076221074128	1

181	Learning self-driven collective dynamics with graph networks.. 2022 , 12, 500	3
180	Stark spectral line broadening modeling by machine learning algorithms. 2022 , 34, 6349	
179	Machine Learning-Based Prognostic Prediction Models of Non-Metastatic Colon Cancer: Analyses Based on Surveillance, Epidemiology and End Results Database and a Chinese Cohort.. 2022 , 14, 25-35	0
178	Seeking new physics in cosmology with Bayesian neural networks: Dark energy and modified gravity. 2022 , 105,	0
177	Highly accurate machine learning prediction of crystal point groups for ternary materials from chemical formula.. 2022 , 12, 1577	2
176	Machine optimized quantum metrology of concurrent entanglement generation and sensing.	0
175	Strategies for handling missing data that improve Frailty Index estimation and predictive power: lessons from the NHANES dataset.. 2022 , 1	1
174	An ensemble approach to the structure-function problem in microbial communities.. 2022 , 25, 103761	1
173	A review of machine learning methods for drought hazard monitoring and forecasting: Current research trends, challenges, and future research directions. 2022 , 149, 105327	7
172	Machine learning in the quantum realm: The state-of-the-art, challenges, and future vision. 2022 , 194, 116512	6
171	Feature Transformation Framework for Enhancing Compactness and Separability of Data Points in Feature Space for Small Datasets. 2022 , 12, 1713	
170	Deep-neural-networks-based approaches for BiotEquirt model in rock physics. 2022 , 70, 593	
169	Deep Learning for the Modeling and Inverse Design of Radiative Heat Transfer. 2021 , 16,	5
168	Unveiling the Structure of Wide Flat Minima in Neural Networks.. 2021 , 127, 278301	1
167	Intelligent metaphotonics empowered by machine learning. 2022 , 5, 210147-210147	6
166	Artificial Intelligence Computing at the Quantum Level. 2022 , 7, 28	0
165	Deep learning of deformation-dependent conductance in thin films: Nanobubbles in graphene. 2022 , 105,	1
164	Variational autoencoder analysis of Ising model statistical distributions and phase transitions. 2022 , 95,	0

163	Memorizing without overfitting: Bias, variance, and interpolation in overparameterized models. 2022 , 4,	1
162	Distributed humidity fiber-optic sensor based on BOFDA using a simple machine learning approach.. 2022 , 30, 12484-12494	2
161	Deep learning for topological photonics. 2022 , 7,	2
160	Artificial Intelligence in Classical and Quantum Photonics. 2100399	1
159	Migration of self-propelling agent in a turbulent environment with minimal energy consumption. 2022 , 34, 035117	1
158	A sampling-guided unsupervised learning method to capture percolation in complex networks.. 2022 , 12, 4147	0
157	Machine learning the 2D percolation model. 2022 , 2207, 012057	
156	Exploring Fresnel diffraction at a straight edge with a neural network. 2022 , 43, 035306	
155	Enhanced performance of a reservoir computing system based on a dual-loop optoelectronic oscillator.. 2022 , 61, 3473-3479	2
154	Quantification of gas concentrations in NO/NO ₂ /C ₃ H ₈ /NH ₃ mixtures using machine learning. 2022 , 359, 131589	0
153	A tutorial on optimal control and reinforcement learning methods for quantum technologies. 2022 , 434, 128054	3
152	?????????????????. 2021 ,	
151	A machine learning approach to Bayesian parameter estimation. 2021 , 7,	2
150	Extracting multi-way chromatin contacts from Hi-C data. 2021 , 17, e1009669	0
149	Thermodynamic Machine Learning through Maximum Work Production.	0
148	Applying machine learning techniques to implement the technical requirements of energy management systems in accordance with ISO 50001:2018, an industrial case study. 1-18	2
147	Machine learning representation of the F2 structure function over all charted Q2 and x range. 2021 , 104,	0
146	Flow-based sampling for fermionic lattice field theories. 2021 , 104,	1

- 145 Desynchronous learning in a physics-driven learning network.. **2022**, 156, 144903 1
- 144 Bayesian approach to inverse problems: an application to NNPDF closure testing. **2022**, 82, 1 0
- 143 Quasi-global machine learning-based soil moisture estimates at high spatio-temporal scales using CYGNSS and SMAP observations. **2022**, 276, 113041 2
- 142 Relating Machine Learning to the Real-World: Analogies to Enhance Learning Comprehension. **2022**, 127-139 0
- 141 Visual Evoked Potential Classification Support with Convolutional Neural Network and Recurrent Neural Network - A comparative study. **2022**, 0
- 140 Machine learning and engineering feature approaches to detect events perturbing the indoor microclimate in Ringebu and Heddal stave churches (Norway). **2022**, ahead-of-print, 0
- 139 Intelligent metasurfaces: control, communication and computing. **2022**, 2, 22
- 138 Interpretable machine-learning identification of the crossover from subradiance to superradiance in an atomic array. 0
- 137 3D spatial cluster analysis of seismic sequences through density-based algorithms. 0
- 136 Learning algorithm reflecting universal scaling behavior near phase transitions. **2022**, 4, 0
- 135 A machine-learning photometric classifier for massive stars in nearby galaxies. I. The method. 0
- 134 Extending the relative seriality formalism for interpretable deep learning of normal tissue complication probability models. **2022**, 3, 024001 0
- 133 A hybrid inference system for improved curvature estimation in the level-set method using machine learning. **2022**, 111291 0
- 132 Explainable natural language processing with matrix product states. **2022**, 24, 053032 0
- 131 Machine learning enabling high-throughput and remote operations at large-scale user facilities. 1
- 130 Approximating Solutions of the Chemical Master Equation using Neural Networks. 0
- 129 Accuracy of restricted Boltzmann machines for the one-dimensional J_1 - J_2 Heisenberg model. **2022**, 12, 0
- 128 Natural climate reconstruction in the Norwegian stave churches through time series processing with variational autoencoders. **2022**, ahead-of-print, 0

127	Renormalization-group-inspired neural networks for computing topological invariants. 2022 , 105,	
126	The development of statistical analysis methods for the study of correlations and statistical memory effects in the recorded data of physical experiments. 2022 , 2270, 012038	
125	Pneumonia Detection Proposing a Hybrid Deep Convolutional Neural Network Based on Two Parallel Visual Geometry Group Architectures and Machine Learning Classifiers. 2022 , 10, 62110-62128	0
124	Residual-Concatenate Neural Network with Deep Regularization Layers for Binary Classification. 2022 ,	3
123	Learning and Organization of Memory for Evolving Patterns. 2022 , 12,	
122	Extraction of interaction parameters for RuCl_3 from neutron data using machine learning. 2022 , 4,	1
121	On the generalizability of artificial neural networks in spin models. 2022 , 5,	0
120	An Innovative Sensing Machine Learning Technique to Detect Credit Card Frauds in Wireless Communications. 2022 , 2022, 1-12	
119	Quantifying information of intracellular signaling: progress with machine learning.	0
118	Performance analysis of VEP signal discrimination using CNN and RNN algorithms. 2022 , 100087	
117	A Machine Learning Based Fuel Consumption Saving Method with Time and Environment Dependency Aware Management. 2022 ,	
116	Transfer learning of phase transitions in percolation and directed percolation. 2022 , 105,	0
115	Inferring Markovian quantum master equations of few-body observables in interacting spin chains.	
114	The viscoelastic transition: a tool to determine equivalent binder grade. 2022 , 55,	1
113	Neural-network quantum state tomography. 2022 , 106,	2
112	Quantum optimal control in quantum technologies. Strategic report on current status, visions and goals for research in Europe. 2022 , 9,	8
111	Structure-based prediction of BRAF mutation classes using machine-learning approaches. 2022 , 12,	
110	Machine learning estimation of magnetic parameters and classification of magnetic vortex states. 2022 , 132, 043904	

109	Language Bias-Driven Self-Knowledge Distillation with Generalization Uncertainty for Reducing Language Bias in Visual Question Answering. 2022 , 12, 7588	0
108	Assessment of Damage in Composite Beams with Wavelet Packet Node Energy Features and Machine Learning. 2023 , 581-594	
107	Bias-variance decomposition of overparameterized regression with random linear features. 2022 , 106,	1
106	A Comparative Analysis of Machine-learning Models for Solar Flare Forecasting: Identifying High-performing Active Region Flare Indicators. 2022 , 935, 45	0
105	Error-Correcting Neural Networks for Two-Dimensional Curvature Computation in the Level-set Method. 2022 , 93,	0
104	Enhancing the Cognition and Efficacy of Machine Learning Through Similarity. 2022 , 3,	0
103	Reconstruction of missing resonances combining nearest neighbors regressors and neural network classifiers. 2022 , 82,	
102	Novel Intelligent Control Framework for WWTP Optimization To Achieve Stable and Sustainable Operation.	
101	Machine learning on the ignition threshold for inertial confinement fusion. 2022 , 29, 082702	
100	Science Requirements and Detector Concepts for the Electron-Ion Collider. 2022 , 1026, 122447	2
99	ICACIA: An Intelligent Context-Aware framework for COBOT in defense industry using ontological and deep learning models. 2022 , 157, 104234	0
98	Error-correcting neural networks for semi-Lagrangian advection in the level-set method. 2022 , 471, 111623	0
97	Machine learning for high-entropy alloys: Progress, challenges and opportunities. 2023 , 131, 101018	1
96	Introduction. 2022 , 1-8	0
95	Is Free Energy an Organizational Principle in Spiking Neural Networks?. 2022 , 79-90	0
94	Machine learning the frontier orbital energies of SubPc based triads. 2022 , 28,	0
93	Phase Measurement Beyond the Standard Quantum Limit Using a Quantum Neuromorphic Platform. 2022 , 18,	0
92	Subgating in underparametrized deep neural networks. 2022 , 3, 035013	0

91	Predicting solid state material platforms for quantum technologies. 2022 , 8,	2
90	Numerical metrics for complete intersection and Kreuzer-Skarke Calabi-Yau manifolds. 2022 , 3, 035014	0
89	A primer on artificial intelligence in plant digital phenomics: embarking on the data to insights journey. 2022 ,	1
88	Colloquium : Machine learning in nuclear physics. 2022 , 94,	0
87	Approximating solutions of the Chemical Master equation using neural networks. 2022 , 25, 105010	0
86	Noncoplanar magnetic orders and gapless chiral spin liquid on the kagome lattice with staggered scalar spin chirality. 2022 , 13,	0
85	Three learning stages and accuracy-efficiency tradeoff of restricted Boltzmann machines. 2022 , 13,	2
84	Morphological evolution via surface diffusion learned by convolutional, recurrent neural networks: Extrapolation and prediction uncertainty. 2022 , 6,	0
83	HAL-X: Scalable hierarchical clustering for rapid and tunable single-cell analysis. 2022 , 18, e1010349	0
82	Probing non-Markovian quantum dynamics with data-driven analysis: Beyond Black-box machine-learning models. 2022 , 4,	0
81	Artificial Neural Networks for Classification. 2022 , 213-240	0
80	Is a massive deployment of renewable-based low voltage direct current microgrids feasible? Converters, protections, controllers, and social approach. 2022 , 8, 12302-12326	2
79	Theoretical development of discrete-modulated continuous-variable quantum key distribution. 1,	0
78	Measurement-induced criticality as a data-structure transition. 2022 , 106,	2
77	Effects of li doping on superconducting properties of citrate-gel prepared $Y_{1-x}Li_xBa_2Cu_3O_{7-\delta}$ Compound. 2022 , 128,	0
76	Generalization properties of restricted Boltzmann machine for short-range order.	0
75	Real-Time Oil Leakage Detection on Aftermarket Motorcycle Damping System with Convolutional Neural Networks. 2022 , 22, 7951	0
74	On Machine-Learning-Driven Surrogates for Sound Transmission Loss Simulations. 2022 , 12, 10727	1

73	Detecting the chiral magnetic effect via deep learning. 2022 , 106,	0
72	A simple guide from machine learning outputs to statistical criteria in particle physics. 2022 , 5,	0
71	Decoding the nuclear symmetry energy event-by-event in heavy-ion collisions with machine learning. 2022 , 835, 137508	0
70	Interpretable hierarchical symbolic regression for safety-critical systems with an application to highway crash prediction. 2023 , 117, 105534	0
69	Statistical mechanics in climate emulation: Challenges and perspectives. 2022 , 1,	1
68	A New Self-Powered Temperature Sensor Based on Thermoelectric Generators. 2022 , 1-1	0
67	Limits to ecological forecasting: Estimating uncertainty for critical transitions with deep learning.	0
66	Experimental Identification of the Second-Order Non-Hermitian Skin Effect with Physics-Graph-Informed Machine Learning. 2202922	1
65	Machine learning of pair-contact process with diffusion. 2022 , 12,	0
64	Machine learning based prognostic model of Chinese medicine affecting the recurrence and metastasis of I-III stage colorectal cancer: A retrospective study in China. 12,	0
63	Differentiation of benign from malignant solid renal lesions using CT-based radiomics and machine learning: comparison with radiologist interpretation.	0
62	Unsupervised machine learning of quenched gauge symmetries: A proof-of-concept demonstration. 2022 , 4,	0
61	Resource Letter CP-3: Computational physics. 2023 , 91, 7-27	0
60	Machine learning and statistical analysis for biomass torrefaction: A review. 2023 , 369, 128504	0
59	Progress on stochastic analytic continuation of quantum Monte Carlo data. 2023 , 1003, 1-88	0
58	A Group Feature Ranking and Selection Method Based on Dimension Reduction Technique in High-Dimensional Data. 2022 , 10, 125136-125147	0
57	Dimensionality reduction of local structure in glassy binary mixtures. 2022 , 157, 204503	2
56	Machine learning etudes in conformal field theories. 1-34	0

55	DeepCV: A Deep Learning Framework for Blind Search of Collective Variables in Expanded Configurational Space. 2022 , 62, 6352-6364	1
54	Optimizing Shadow Tomography with Generalized Measurements. 2022 , 129,	0
53	Machine learning phase transitions of the three-dimensional Ising universality class.	0
52	Hybrid machine learning approach for landslide prediction, Uttarakhand, India. 2022 , 12,	0
51	Online Seizure Prediction System: A Novel Probabilistic Approach for Efficient Prediction of Epileptic Seizure with iEEG Signal. 2022 , 16,	0
50	Magnetic phases of spatially modulated spin-1 chains in Rydberg excitons: Classical and quantum simulations. 2022 , 157, 224111	0
49	Assessing the foundation and applicability of some dark energy fluid models in the Dirac-Born-Infeld framework.	0
48	Optimal classification of N-back task EEG data by performing effective feature reduction. 2022 , 47,	0
47	Neural network evidence of a weakly first-order phase transition for the two-dimensional 5-state Potts model. 2022 , 137,	0
46	Loss of material trainability through an unusual transition. 2022 , 4,	3
45	A New Methodology to Comprehend the Effect of El Niño and La Niña Oscillation in Early Warning of Anthrax Epidemic Among Livestock. 2022 , 2, 267-290	1
44	Artificial intelligence and machine learning for quantum technologies. 2023 , 107,	1
43	Unsupervised Data-Driven Classification of Topological Gapped Systems with Symmetries. 2023 , 130,	0
42	Inferring the Physics of Structural Evolution of Multicomponent Polymers via Machine-Learning-Accelerated Method.	0
41	Galaxy Spin Classification. I. Z-wise versus S-wise Spirals with the Chirality Equivariant Residual Network. 2023 , 943, 32	0
40	Unsupervised and supervised learning of interacting topological phases from single-particle correlation functions. 2023 , 14,	0
39	Simple Causal Relationships in Gene Expression Discovered through Deep Learned Collective Variables.	0
38	Voting Ensemble Learning Technique with Improved Accuracy for the CAD Diagnosis. 2023 , 477-487	0

- 37 Deep Reinforcement Learning for Preparation of Thermal and Prethermal Quantum States. **2023**, 19, ○
- 36 Emergent properties of collective gene-expression patterns in multicellular systems. **2023**, 101247 ○
- 35 Efficient representations of binarized health deficit data: the frailty index and beyond. ○
- 34 Towards an automated data cleaning with deep learning in CRESST. **2023**, 138, ○
- 33 Fault identifiability and pseudo-data-driven fault localization in a DC microgrid. **2023**, 148, 108944 ○
- 32 p-adic statistical field theory and deep belief networks. **2023**, 612, 128492 ○
- 31 Machine learning light hypernuclei. **2023**, 1032, 122625 ○
- 30 Probabilistic forecasts of extreme heatwaves using convolutional neural networks in a regime of lack of data. **2023**, 8, ○
- 29 Study of phase transition of Potts model with Domain Adversarial Neural Network. **2023**, 617, 128666 ○
- 28 Sparsity of higher-order interactions enables learning and prediction for microbiomes. ○
- 27 Identifying lightning structures via machine learning. **2023**, 170, 113346 ○
- 26 Kernel-based quantum regressor models learning non-Markovianity. **2023**, 107, ○
- 25 Long-distance migration with minimal energy consumption in a thermal turbulent environment. **2023**, 8, ○
- 24 Optimization of the generator coordinate method with machine-learning techniques for nuclear spectra and neutrinoless double- β decay: Ridge regression for nuclei with axial deformation. **2023**, 107, ○
- 23 Machine learning algorithms for three-dimensional mean-curvature computation in the level-set method. **2023**, 478, 111995 ○
- 22 Spatial distribution order parameter prediction of collective system using graph network. ○
- 21 Using Machine Learning to link black hole accretion flows with spatially resolved polarimetric observables. **2023**, 520, 4867-4888 ○
- 20 A maximum entropy approach for the modelling of car-sharing parking dynamics. **2023**, 13, ○

- 19 Neural-network preconditioners for solving the Dirac equation in lattice gauge theory. **2023**, 107, ○
- 18 Model selection and signal extraction using Gaussian Process regression. **2023**, 2023, ○
- 17 Imaginary components of out-of-time-order correlator and information scrambling for navigating the learning landscape of a quantum machine learning model. **2023**, 5, ○
- 16 Quaternion-based machine learning on topological quantum systems. **2023**, 4, 015032 ○
- 15 Machine learning for detecting DNA attachment on SPR biosensor. **2023**, 13, ○
- 14 Characterization of a Driven Two-Level Quantum System by Supervised Learning. **2023**, 25, 446 ○
- 13 Self-learning Monte Carlo for non-Abelian gauge theory with dynamical fermions. **2023**, 107, ○
- 12 Bacteria-Specific Feature Selection for Enhanced Antimicrobial Peptide Activity Predictions Using Machine-Learning Methods. **2023**, 63, 1723-1733 1
- 11 Reconstructing Network Dynamics of Coupled Discrete Chaotic Units from Data. **2023**, 130, ○
- 10 Prediction of phase selection of amorphous alloys and high entropy alloys by artificial neural network. **2023**, 223, 112129 ○
- 9 Neural-network solutions to stochastic reaction networks. ○
- 8 Solving Schrodinger equations using a physically constrained neural network*. **2023**, 47, 054104 ○
- 7 Machine Learning in the Context of Laser-Induced Breakdown Spectroscopy. **2023**, 305-330 ○
- 6 Point Cloud-based Variational Autoencoder Inverse Mappers (PC-VAIM) - An Application on Quantum Chromodynamics Global Analysis. **2022**, ○
- 5 Temporal visitation patterns of points of interest in cities on a planetary scale: a network science and machine learning approach. **2023**, 13, ○
- 4 Recovering Cosmic Microwave Background Polarization Signals with Machine Learning. **2023**, 947, 29 ○
- 3 The application of machine learning in nanoparticle treated water: A review. **2023**, 377, 01009 ○
- 2 Machine Learning. **2023**, 225-276 ○

- 1 Quantum neuromorphic approach to efficient sensing of gravity-induced entanglement. **2023**, 107, ○