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ARTÍCULOS

Mapping uncertainty using differentiable programming

Alves V. | *Aiche Journal* | (2025)

DOI: 10.1002/aic.18940

Towards agentic science for advancing scientific discovery

Xin H. | *Nature Machine Intelligence* | (2025)

DOI: 10.1038/s42256-025-01110-x

Spin-informed universal graph neural networks for simulating magnetic ordering

Xu W. | *Proceedings of the National Academy of Sciences of the United States of America* | (2025)

DOI: 10.1073/pnas.2422973122

Solving an inverse problem with generative models

Kitchin J.R. | *Digital Discovery* | (2025)

A classification-based methodology for the estimation of binary surfactant critical micelle concentrations

Chilkunda C.R. | *Digital Discovery* | (2025)

Integrated Systems-to-Atoms (S2A) Framework for Designing Resilient and Efficient Hydrogen Infrastructure Solutions

Yuan M. | *Energy and Fuels* | (2025)

CatTSunami: Accelerating Transition State Energy Calculations with Pretrained Graph Neural Networks

Wander B. | *ACS Catalysis* | (2025)

Multiscale optimization of formic acid dehydrogenation process via linear model decision tree surrogates

Sunshine E.M. | *Computers and Chemical Engineering* | (2025)

Accessing Numerical Energy Hessians with Graph Neural Network Potentials and Their Application in Heterogeneous Catalysis

Wander B. | *Journal of Physical Chemistry C* | (2025)

Autonomous catalysis research with human–AI–robot collaboration

Orouji N. | *Nature Catalysis* | (2025)

Practical Application of Machine Learning in Catalysis

Ulissi Z.W. | *Rsc Catalysis Series* | (2024)

Improved Uncertainty Estimation of Graph Neural Network Potentials Using Engineered Latent Space Distances

Musielewicz J. | *Journal of Physical Chemistry C* | (2024)

Enumeration of surface site nuclearity and shape in a database of intermetallic low-index surface facets

Sharma U. | *Journal of Catalysis* | (2024)

Unifying theory of electronic descriptors of metal surfaces upon perturbation

Huang Y. | *Physical Review B* | (2024)

The Potential of Zero Total Charge Predicts Cation Effects for the Oxygen Reduction Reaction

Bender J.T. | *ACS Energy Letters* | (2024)

Structure Sensitive Reaction Kinetics of Chiral Molecules on Intrinsically Chiral Surfaces

Abdelmaqsoud K. | *Journal of Physical Chemistry C* | (2024)

Investigating the error imbalance of large-scale machine learning potentials in catalysis

Abdelmaqsoud K. | *Catalysis Science and Technology* | (2024)

Surface Segregation Studies in Ternary Noble Metal Alloys: Comparing DFT and Machine Learning with Experimental Data

Broderick K. | *Chemphyschem* | (2024)

Pourbaix Machine Learning Framework Identifies Acidic Water Oxidation Catalysts Exhibiting Suppressed Ruthenium Dissolution

Abed J. | *Journal of the American Chemical Society* | (2024)

Cyclic Steady-State Simulation and Waveform Design for Dynamic/Programmable Catalysis

Tedesco C.C. | *Journal of Physical Chemistry C* | (2024)

TRACING THE ASSEMBLY HISTORIES OF GALAXY CLUSTERS IN THE NEARBY UNIVERSE

Caretta C.A. | *Revista Mexicana De Astronomia Y Astrofisica* | (2023)

Characterizations and Use of Recycled Optical Components for Polarizing Phase-Shifting Interferometry Applications

Photonics | (2022)

Measurement in-plane deformations in electronic speckle pattern interferometry using phase-shifting modulated by polarization

Optics Communications | (2021)

Development of a dynamic interferometer using recycled components based on polarization phase shifting techniques

Optics and Laser Technology | (2020)

Parallel phase shifting radial shear interferometry with complex fringes and unknown phase shift

Applied Optics | (2020)

Development of a phase shifting interferometer using recycled components

Islas Islas J.M. | *Proceedings of SPIE the International Society for Optical Engineering* | (2020)

Correction to: Dynamic Mach–Zehnder interferometer based on a Michelson configuration and a cube beam splitter system (Optical Review, (2019), 26, 2, (231-240), 10.1007/s10043-019-00493-8)

Optical Review | (2019)

Dynamic Mach–Zehnder interferometer based on a Michelson configuration and a cube beam splitter system

Optical Review | (2019)

DOI: 10.1007/s10043-019-00493-8

Analysis of mean thickness of a phase objects using one-shot phase shifting interferometry

Imaging and Applied Optics 2018 (3D, AO, AIO, COSI, DH, IS, LACSEA, LS&C;, MATH, pcAOP) | (2018)

DOI: 10.1364/3d.2018.jm4a.18

Interferometric measurements of phase objects by using a simultaneous polarizing phase shifting Mach-Zehnder interferometer

Proceedings of SPIE - The International Society for Optical Engineering | (2018)

DOI: 10.1117/12.2322762

Parallel phase-shifting interferometer with four interferograms using a modified Michelson configuration

Optics InfoBase Conference Papers | (2018)

DOI: 10.1364/3D.2018.JM4A.36

Statistical assessment of the relation between the inferred morphological type and the emission-line activity type of a large sample of galaxies

Proceedings of the International Astronomical Union | (2015)

DOI: 10.1017/S1743921314010734

A mid infrared study of low-luminosity AGNs with wise

Revista Mexicana de Astronomia y Astrofisica | (2014)

Narrow-Line AGNs: confirming the relationship between metallicity and accretion rate

Proceedings of Narrow-Line Seyfert 1 Galaxies and their place in the Universe — PoS(NLS1) | (2011)

DOI: 10.22323/1.126.0065

Low luminosity AGN candidates in SDSS

Revista Mexicana de Astronomia y Astrofisica: Serie de Conferencias | (2011)

Narrow-line AGNs: Confirming the relationship between metallicity and accretion rate

Proceedings of Science | (2011)

Optical and OH megamaser observations of the starburst galaxy IIZw 096

Monthly Notices of the Royal Astronomical Society | (2011)

DOI: 10.1111/j.1365-2966.2011.19124.x

Relation between activity, morphology and environment for a large sample of SDSS galaxies

Revista Mexicana de Astronomia y Astrofisica: Serie de Conferencias | (2011)

The detection of extreme low-luminosity AGNs

Revista Mexicana de Astronomia y Astrofisica: Serie de Conferencias | (2011)

The nature and origin of narrow line agn activity in a sample of isolated sdss galaxies

Revista Mexicana de Astronomia y Astrofisica | (2011)

What makes a galaxy radio-loud?

Proceedings of the International Astronomical Union | (2011)

The substructure in the cluster Abell 85

Proceedings of the International Astronomical Union | (2006)

The H I Parkes Zone of Avoidance Survey: The northern extension

Astronomical Journal | (2005)