



MPI Magdeburg - Publikationswebseiten

Instituts Übersicht

Abteilung / Fachgruppen Übersicht

Personen Übersichten
(ab W2 auf Anfrage)

Projekte
(MaxSynBio, BIGmax, EU...)

Open Access Übersicht

INSTITUTE | RESEARCH | CAREER | GRADUATE SCHOOL | NEWS | SERVICE

Home > Selected Articles > Publications of the Institute

Publications of the Max Planck Institute

All genres All years

Journal Article (2421)

2025 Journal Article

Reinick, P., Hilland, J., Keme, V. Exponential Synchronization of bi-directional associative memory Neural Networks with Delay on Arbitrary Time Domains. *Neural Computing and Applications* (2025)

Journal Article

Corfield, A., Green, E. J., Griest-Talocia, S. Data-Driven Modeling of Weakly Nonlinear Circuits via Generalized Transfer Function Approximation. *IEEE Access* **13**, pp. 2746-2762 (2025)

Journal Article

Carson, E., Jans, E., Ma, Y., Okey, C. Theoretical Analysis of Pythagorean Variants of Block Classical Gram-Schmidt. *SIAM Journal on Matrix Analysis and Applications* **46** (1), pp. 310-340 (2025)



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Home > Selected Articles > Publications of the Institute > Max_Planck_Institute_for_Dynamics_of_Complex_Technical_Systems

OA Publications of the Max Planck Institute

All genres All years

Journal Article (1070)

2025 Journal Article

Corfield, A., Green, E. J., Griest-Talocia, S. Data-Driven Modeling of Weakly Nonlinear Circuits via Generalized Transfer Function Approximation. *IEEE Access* **13**, pp. 2746-2762 (2025)

Journal Article

Dam, A. P., Franz, T., Papakonstantinou, G., Sandmecher, K. Catalyst Dissolution in Perm Water Electrolysis: Influence of Time, Current Density and Iridium Ion Transport in Single-Pass and Recirculation Water Flow Modes. *Applied Catalysis B: Environment and Energy* **365**, 124946 (2025)

Journal Article

Duch, K., Kozubnytskyi, V., Rätzke, K. H. G., Ilmer, M., Sandmecher, K., Repke, J.-U. Enhancing Reactive Microemulsion Processes: Dynamic Optimization and Cycle Synchronization for the Reductive Amination of Undecanal in a Mini-Plant. *Industrial & Engineering Chemistry Research* **64**, pp. 520-534 (2025)

Journal Article

Fernandes, R. P., Göbel, S., Reiter, M., Bryan, A., Attomonte, J., Senzel, Y., Peixoto, C. Streamlining the purification of a clinical-grade oncolytic virus for therapeutic applications. *Separation and Purification Technology* **354**, 128769 (2025)

Journal Article

Gustafsson, M., Vhora, K., Ghaffari, S., Janiga, G., Seidel-Morgenstern, A., Lorenz, H., Schiller, P. Experimental study and modeling of a droplet CO₂ absorber for the carbon-negative soda ash production. *Chemical Engineering Science* **305**, 121133 (2025)

Journal Article

Hilland, J., Yingta, K. Polytopic Autoencoders with Smooth Clustering for Reduced-order Modeling of Flows. *Journal of Computational Physics* **521** (Part 1), 113526 (2025)

Fragen & Diskussionspunkte

- ❖ Welche Möglichkeiten bieten MPG.PuRe & Fiona?
- ❖ Beispiele für Publikationswebseiten innerhalb & ausserhalb der Institutsinstanz
- ❖ Austausch über Vor- und Nachteile der vorgestellten Seiten & Beispiele
- ❖ Austausch über Publikationswebseiten aus anderen Instituten / welche Lösungen gibt es an anderen MPis?
- ❖ Welche Probleme gibt es bei der Umsetzung?
- ❖ Welche Verbesserungsvorschläge gibt es?