



Inge K Herrmann

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Publications (8)

Anthis A, Kilchenmann S, Murdeu M, LeValley P, Wolf M, Meyer C, Cipolato O, Tibbitt M, Rosendorf J, Liska V, Rduch T, Herrmann I. Reversible Mechanical Contraception and Endometriosis Treatment Using Stimuli-Responsive Hydrogels. *Adv Mater* 2024:e2310301.

LeValley P, Anthis A, Rduch T, Herrmann I (2023). Urothelium Interfacing Hydrogels for the Treatment of Bladder Disease.

Mayr E, Rduch T, Anthis A, Scheibler S, Hug H, Herrmann I (2023). Magnetic Blood Purification – Nanoparticle-Based Removal of Pathogenic and Other Unwanted Substances from Human Whole Blood. Presented at: Particle Technology Forum, American Institute of Chemical Engineers (AIChE) Annual Meeting 2023, Orlando

Rduch T, Arn N, Kinkel J, Fischer T, Binet F, Hornung R, Herrmann I. Magnetic blood purification-based soluble fms-like tyrosine kinase-1 removal in comparison with dextran sulfate apheresis and therapeutic plasma exchange. *Artif Organs* 2023

Anthis A, Abundo M, Neuer A, Tsolaki E, Rosendorf J, Rduch T, Starsich F, Weisse B, Liska V, Schlegel A, Shapiro M, Herrmann I. Modular stimuli-responsive hydrogel sealants for early gastrointestinal leak detection and containment. *Nat Commun* 2022; 13:7311.

Gerken L, Weber D, Plasswilm L, Meer D, Psoroulas S, Schiefer J, Gerdes M, David H, Starsich F, Gogos A, Herrmann I. Catalytic activity imperative for nanoparticle dose enhancement in photon and proton therapy. *Nat Commun* 2022; 13:3248.

Rduch T, Tsolaki E, El Baz Y, Leschka S, Born D, Kinkel J, Anthis A, Fischer T, Jochum W, Hornung R, Gogos A, Herrmann I. The Role of Inorganics in Preeclampsia Assessed by Multiscale Multimodal Characterization of Placentae. *Front Med (Lausanne)* 2022; 9:857529.

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Projects (0)

No results found.

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