LIST OF PUBLICATIONS (2002-2019)
(see also http://scholar.google.de)

Most important interdisciplinary publications in the research field „Mathematical methods in Natural Science“:


Isolierung der Promotorregion und der Splice-Varianten des monozytären cysteinreichen Scavengerrezeptors CD163 (RM3/1), Diploma Thesis Biochemistry, University of Münster, 1998

Wasserstoffinduzierte Effekte im System Nd₂(Fe/Co)₁₄B, Eine SIMS- und XPS-Studie, PhD Thesis Physical Chemistry, University of Münster, 2001


Publications in Peer-Reviewed Journals


49. Heitel, M., Verschueren, R., Diehl, M., Lebiedz, D. Considering slow manifold based model reduction for multiscale chemical optimal control problems. (submitted to JOTA)
50. Heitel, M., Lebiedz, D. A view on analytical and topological properties of separatrices in 1-D holomorphic dynamical systems and complex-time Newton flows. (submitted to Nonlinearity)
51. Lebiedz, D., Poppe, J. Towards differential geometric characterization of slow invariant manifolds in extended phase space II: Geodesic stretching. (submitted to SIADS)
52. Dietrich, J., Lebiedz. D. A spectral view on slow invariant manifolds in complex time dynamical systems. (to be submitted to PRE)
Publications in Peer-Reviewed Proceedings and Monographs


Publications in Proceedings, Reports and Monographs without Peer-Review


