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J. Michael Köhler (born 1956) studied chemistry at the universities of Halle/S. and Jena. After dissertation on electrochemical effects in microfabrication (1986), he lead projects on submicron photolithography at the Institute of Physical Technology in Jena. During a research stay 1991 in Dortmund (MPG) he dealt with chemical waves in gels. He get the habilitation for general and physical chemistry of the university of Jena in 1992. In the same year, he become the head of the microfabrication department, in 1994 the head of the microsystem department of the Institute of Physical High Technology in Jena. Since 2001, he is a full professor for Physical Chemistry and Micro Reaction Technology at the Technical University of Ilmenau. His research activities are focussed on the connection between chip reactors, cell screening in microfluidic systems, biomolecular technologies, nanomaterials and nanotechnology.

98 Papers and Proceed. (web of science), several book chapters  
(about 1000 citations, H:18)

Books: Microsystem Technology: a powerful tool for biomolecular studies (coed., Birkhaeuser 1997); Umweltdiagnostik mit Mikrosystemen (coed., Wiley-VCH 1997); Etching in microsystem technology (Wiley-VCH 1999); Nanotechnology (Wiley-VCH 2001, 2004, 2007), Vom Urknall zum Cyberspace (Wiley-VCH 2009)