

Prof. Dr. Stefan Kaskel Biography



Name: Prof. Dr. Stefan Kaskel

Organization: TU Dresden

Profile Weblink:

www.chm.tu-dresden.de/ac1/index_engl.shtml

<https://scholar.google.de/citations?user=71hSSp8AAAAJ&hl=de&oi=ao>

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Stefan Kaskel studied chemistry at Eberhard Karls University, Tübingen (Germany), and received his Ph.D. degree in 1997 from the same University in solid state chemistry, under the guidance of Prof. J. Strähle. As a Feodor-Lynen Fellow of the Alexander von Humboldt foundation he worked with J. Corbett at Ames Laboratory, USA (1998-2000) on intermetallic compounds. He was a group leader at the Max-Planck-Institut für Kohlenforschung in Mülheim a.d. Ruhr (2000-2004) in the group of F. Schüth and completed his habilitation at Ruhr University Bochum under the guidance of R. A. Fischer in 2004 in the area of heterogeneous catalysis. In 2004 he became full professor for Inorganic Chemistry at Technical University Dresden. Since 2008 he is also working part time for Fraunhofer IWS, Dresden as a business field manager *Chemical Surface and Reaction Technology*.

His research interests are focused on porous and nanostructured materials (synthesis, structure, function) for applications in energy storage, catalysis, batteries and separation technologies. He has been working on MOFs and porous carbon materials, CVD, CNTs, adsorption, and printing. His major activity at Fraunhofer IWS is the development of lithium sulfur batteries. He received the nanotechnology award of the German Ministry of Science and Education in 2002 and the JSPS award from Japan in 2016. Stefan Kaskel has authored more than 400 publications with > 22000 citations (google scholar h-index 80) and has contributed as inventor to more than 50 patent applications. In 2016 and 2017 he was recognized as a Highly Cited Researcher by Thomson Reuters and Clarivate Analytics.

Awards and Scholarships:

2017, Highly cited researcher (Clarivate Analytics)

2017, ERC Advanced Grant "Amplipore"

2016, Highly cited researcher (state of innovation, formerly Thomson Reuters)

2015, Research Award, Japan Society for the Promotion of Science (JSPS)

2003, Young Scientist Nanotechnology Award of the Federal Ministry of Education and Research

2000 – 2002, Reimar Lüst-Fellowship of the Max-Planck-Society

1998 – 2000, Feodor Lynen-Fellowship of the Alexander von Humboldt-Foundation

1997, Young Scientist Award, European Powder Diffraction Conference, Parma, Italy