

## Professor Peter Strasser



**Biography:** Peter Strasser studied chemistry at the University of Tübingen, Germany, at Stanford University and at the University of Pisa and obtained his “Diploma” degree in General Chemistry. He conducted his doctoral research under the direction of Gerhard Ertl, and obtained his PhD in “Physical Chemistry and Electrochemistry” from the ‘Fritz-Haber-Institute of the Max-Planck-Society’ and the Free University in Berlin. He joined “Symyx Technologies Inc.”, a company in Silicon Valley pioneering Combinatorial and High Throughput Discovery of catalytic materials, as a postdoctoral associate and was later promoted to Senior Member of staff and served as project/group leader in Electrocatalysis and Heterogeneous Catalysis. He then assumed the position of Assistant Professor at the Department of Chemical and Biomolecular Engineering at the University of Houston, before he became the chaired professor of “Electrochemistry and Electrocatalysis” in the Chemical Engineering Division of the Department of Chemistry at the Technical University Berlin. He is a Visiting Professor at the Department of Material Science at Tongji University, China.

Peter Strasser has received awards and honors such as the Royal Society of Chemistry (RSC) *Faraday Medal* (2021), the ISE Brian Conway Prize in Physical Electrochemistry (2020), The Nature publishing award (2018), the IAHE Sir William Grove award in hydrogen research (2018), the Otto-Roelen medal in Catalysis by the German Catalysis Society (2016), the Ertl Prize (2016), as well as the Otto-Hahn Research Medal by the Max-Planck Society (2000). Since 2018, he is listed on the annual Web of Science list of 1% of “Highly Cited Researchers” worldwide.

Peter Strasser is a named inventor on 15 U.S. and European patents. He has presented more than 200 invited lectures or seminars at various academic, industrial, and governmental organizations or conferences around the world. He has authored or co-authored more than 350 scientific papers that have appeared in refereed journals, as well as the book *High-Throughput Screening in Chemical Catalysis Concepts, Strategies and Applications*, Wiley-VCH, New York. All these publications are related to various aspects of surface electrochemistry and catalysis.

Peter Strasser’s entrepreneurial activities include roles as mentor for Start-up companies such as “DexLeChem” GmbH ([http://www.dexlechem.com/home\\_en](http://www.dexlechem.com/home_en)) and “Liquid Loop Spectrometry” GmbH (<https://www.liquidloop-spectrometry.de>), which commercialize technology developed at the Department of chemistry at TU Berlin.