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- 德国莱布尼茨科学院院士；
- 欧洲声化学会理事；
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- 德国化学技术和生物技术协会（DECHEMA），德国 BUNSEN 物理化学协会，德国石油、天然气和煤协会，德国工程师协会和化学工程师协会（VDI-GVC），国际纯粹与应用化学学会，美国化学会会员。
- Chemie Ingenieur Technik 和 Chemical Engineering & Technology 杂志编委。Angewandte Chemie, AIChE, Environmental Science & Technology, Green Chemistry, Journal of Physical Chemistry, European Journal of Organic Chemistry 等 20 多种杂志的审稿人。
- 2006 年作为荣誉和特别嘉宾参加了在德国 Lindau 进行的诺贝尔奖颁奖活动。

Bernd Ondruschka 教授 1947 年生于莱比锡，1966-72 年在莱比锡大学学习化学，并于 1978 年获得自然科学博士学位。1997 年以来一直是耶拿大学技术化学和环境化学研究所 C4 教授。他的研究涉及绿色化学和环境化学，主要研究法方向包括替代能量形式(高温、高压-高温、辐射、微波、超声波和机械化学)在化学合成和分离、反应技术和环境保护技术(土壤、水、空气, 垃圾) 方面的应用，可再生资源的可持续利用(生物柴油，离子液体(绿色溶剂)，二氧化碳固化利用，糖和纤维素开发利用等)，新材料的环境友好合成，以及膜反应器和微型反应器的研发。与同事合著的 Microwave assisted synthesis – a critical technology overview 当选为 Green Chemistry 杂志的 2005 年顶级论文之一。

由于其大量的科学活动和所取得的杰出成绩，2003 年 7 月与 15 位德国和外国科学家一道当选为德国莱布尼茨科学院院士(Leibniz-Sozietät)。莱布尼茨科学院成立于 1993 年 4 月，该学会传承了 300 年历史的柏林科学院，目前莱布尼茨科学院大约有 200 位国内外科学家。跟许多国家不一样的是，德国由于其联邦制结构而没有一个全国性的科学院。德国共有包括柏林科学院在内的七个科学院。这些科学院一共有 1400 名正式院士和通讯院士。

## Publications (215 SCI papers till Jan. 2012)

### High cited papers

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- (3) Ranke, J.; Molter, K.; Stock, F.; Bottin-Weber, U.; Poczobutt, J.; Hoffmann, J.; Ondruschka, B.; Filser, J.; Jastorff, B. Biological effects of imidazolium ionic liquids with varying chain lengths in acute *Vibrio fischeri* and WST-1 cell viability assays. *Ecotoxicology and Environmental Safety* 2004, 58, 396-404. Times Cited: [152](#)
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## Recent papers

### 2011

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- (7) Schmoger, C.; Gallert, T.; Stolle, A.; Ondruschka, B.; Bonrath, W. Microwave-Assisted Chemoselective Hydrogenation Reactions Incorporating Hydrogen as Reducing Agent. *Chem. Eng. Technol.* **2011**, *34*, 445-451.
- (8) Asghari, J.; Ondruschka, B.; Mazaheritehrani, M. Extraction of bioactive chemical compounds from the medicinal Asian plants by microwave irradiation. *Journal of Medicinal Plants Research* **2011**, *5*, 495-506.
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