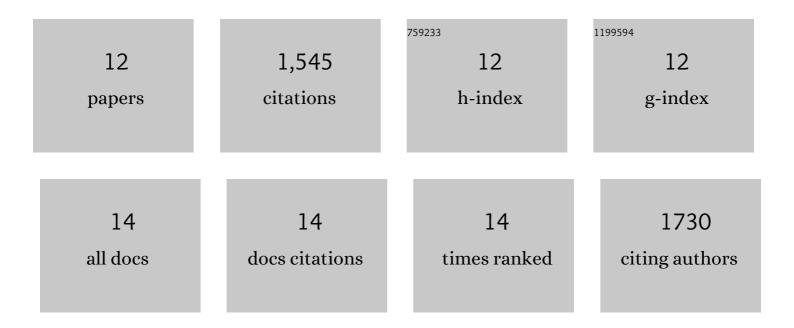
Gerhard Mestl

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chapter 2 Structural Characterization of Operating Catalysts by Raman Spectroscopy. Advances in Catalysis, 2009, 52, 43-128.	0.2	34
2	Oxidative dehydrogenation of ethylbenzene to styrene over ultra-dispersed diamond and onion-like carbon. Carbon, 2007, 45, 2145-2151.	10.3	168
3	The Catalytic Use of Onion-Like Carbon Materials for Styrene Synthesis by Oxidative Dehydrogenation of Ethylbenzene. Angewandte Chemie - International Edition, 2002, 41, 1885.	13.8	248
4	Large scale synthesis of carbon nanofibers by catalytic decomposition of ethane on nickel nanoclusters decorating carbon nanotubes. Physical Chemistry Chemical Physics, 2002, 4, 514-521.	2.8	106
5	Carbon Nanofilaments in Heterogeneous Catalysis: An Industrial Application for New Carbon Materials?. Angewandte Chemie - International Edition, 2001, 40, 2066-2068.	13.8	250
6	In situ Raman spectroscopy — a valuable tool to understand operating catalysts. Journal of Molecular Catalysis A, 2000, 158, 45-65.	4.8	102
7	Raman Spectroscopy of Monolayer-Type Catalysts: Supported Molybdenum Oxides. Catalysis Reviews - Science and Engineering, 1998, 40, 451-570.	12.9	352
8	Decomposition of Nitric Oxide over Barium Oxide Supported on Magnesium Oxide. 4. In Situ Raman Characterization of Oxide Phase Transitions and Peroxide Species by18O-Labeling. Journal of Physical Chemistry B, 1998, 102, 154-161.	2.6	38
9	Destructive Adsorption of Carbon Tetrachloride on Alkaline Earth Metal Oxides. Journal of Physical Chemistry B, 1998, 102, 3773-3778.	2.6	72
10	Decomposition of Nitric Oxide over Barium Oxide Supported on Magnesium Oxide. 1. Catalytic Results andin SituRaman Spectroscopic Evidence for a Bariumâ^'Nitro Intermediate. Journal of the American Chemical Society, 1997, 119, 10186-10191.	13.7	77
11	Decomposition of Nitric Oxide over Barium Oxide Supported on Magnesium Oxide. 3. In Situ Raman Characterization of the Role of Oxygen. Journal of Physical Chemistry B, 1997, 101, 9329-9334.	2.6	39
12	Decomposition of Nitric Oxide over Barium Oxide Supported on Magnesium Oxide. 2. In Situ Raman Characterization of Phases Present during the Catalytic Reaction. Journal of Physical Chemistry B, 1997, 101, 9321-9328.	2.6	58