

# Die zehn meistzitierten Klimastudien aus Deutschland der Jahre 1994-2013

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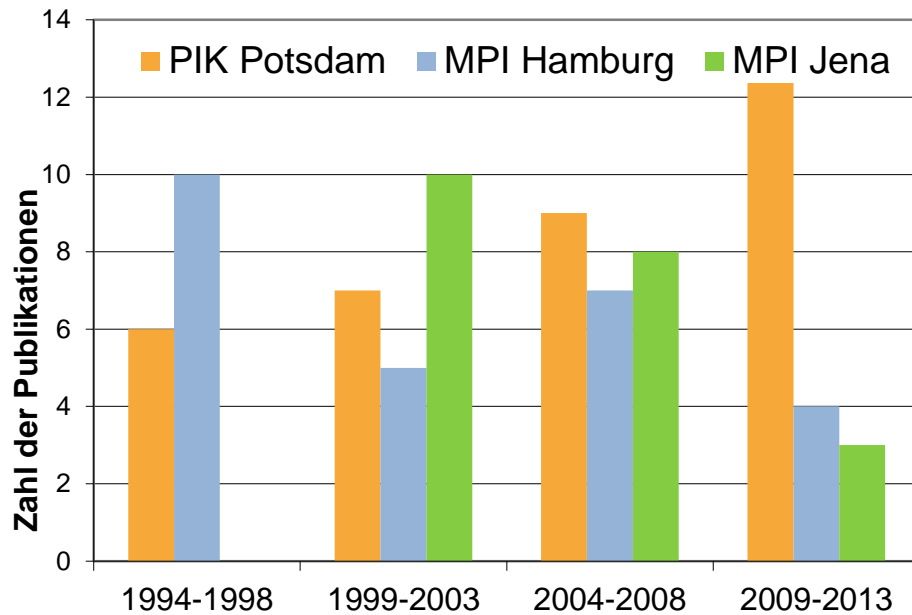
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Die Bedeutung einer Forschungspublication kann anhand der Häufigkeit gemessen werden, mit der sie in anderen Fachpublikationen zitiert wird.

Ausgewertet wurden in der Publikationsdatenbank Thompson Reuters Web of Science (Core Collection) alle Publikationen zum Suchwort *Climate* mit *Germany* in den Autorenadressen (also mit mindestens einem in Deutschland tätigen Autor) – insgesamt mehr als 18.000 Studien. Für jedes Publikationsjahr wurden die zehn am häufigsten zitierten Studien ausgewählt (Stand 27.2.2014). Somit entstand eine Liste mit 200 Top-Publikationen aus 20 Jahren. Das Ranking erfolgt dabei innerhalb eines jeden Publikationsjahrgangs. Im Folgenden sind die Ergebnistabellen und die Liste der Spitzenpublikationen gezeigt.

Institut	Ort	Zahl der Top-Papers
Potsdam-Institut für Klimafolgenforschung	Potsdam	35
Max-Planck-Institut für Meteorologie	Hamburg	26
Max-Planck-Institut für Biogeochemie	Jena	21
Alfred-Wegener-Institut für Polar- und Meeresforschung	Bremerhaven/Potsdam	19
Max-Planck-Institut für Chemie	Mainz	14

**Tabelle 1: Die wichtigsten Klimaforschungsinstitute in Deutschland nach Anzahl ihrer Top-Publikationen der letzten 20 Jahre**



**Abbildung 1: Anzahl Top-Publikationen der drei führenden Klimaforschungsinstitute aus Tabelle 1, aufgeschlüsselt nach 5-Jahres-Perioden.**

Forscher	Ort	Zahl der Top-Papers
Stefan Rahmstorf	Potsdam	12
Paul Crutzen	Mainz	9
Colin Prentice	Jena	9
Hubertus Fischer	Bremerhaven	7
Mojib Latif	Hamburg/Kiel	7

**Tabelle 2: Ranking der in Deutschland forschenden Klimaexperten nach Anzahl ihrer Top-Publikationen der letzten 20 Jahre. Gezeigt sind alle Forscher, die an mehr als 6 solcher Publikationen beteiligt waren.**

Forscher	Ort	Zahl der Top-Papers
Stefan Rahmstorf	Potsdam	6
Andrey Ganopolski	Potsdam	3
Gerald Haug	Potsdam	3
Hans-Otto Pörtner	Bremerhaven	3
Gian-Reto Walther	Bayreuth	3

**Tabelle 3: Ranking der in Deutschland forschenden Klimaexperten nach Anzahl ihrer Top-Publikationen als *Erstautor* der letzten 20 Jahre. Gezeigt sind alle, die mehr als zwei Erstautorenschaften in der Top-10-Liste haben. In Zeiten der Großforschung haben manche Fachpublikationen mehr als 50 Autoren, daher ist die Rolle als Haupt- (Erst-) Autor von besonderer Bedeutung.D**

Auf den folgenden Seiten folgt die komplette Liste der jeweils zehn meistzitierten Klimastudien aus Deutschland der Jahre 1994-2013.

## 1994

1. Latif, M., and T. P. Barnett, 1994: CAUSES OF DECADEAL CLIMATE VARIABILITY OVER THE NORTH PACIFIC AND NORTH-AMERICA. *Science*, **266**, 634-637. Times Cited: 698
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3. Schulze, E. D., F. M. Kelliher, C. Korner, J. Lloyd, and R. Leuning, 1994: RELATIONSHIPS AMONG MAXIMUM STOMATAL CONDUCTANCE, ECOSYSTEM SURFACE CONDUCTANCE, CARBON ASSIMILATION RATE, AND PLANT NITROGEN NUTRITION - A GLOBAL ECOLOGY SCALING EXERCISE. *Annual Review of Ecology and Systematics*, **25**, 629-&. Times Cited: 366
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10. Bourke, AFG and J. Heinze 1994: THE ECOLOGY OF COMMUNAL BREEDING - THE CASE OF MULTIPLE-QUEEN LEPTOTHORACINE ANTS. *Philosophical Transactions of the Royal Society*, **345**, 359-372. Times Cited: 128

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2. Rahmstorf, S., 1995: BIFURCATIONS OF THE ATLANTIC THERMOHALINE CIRCULATION IN RESPONSE TO CHANGES IN THE HYDROLOGICAL CYCLE. *Nature*, **378**, 145-149. Times Cited: 418
3. Mechoso, C. R., and Coauthors, 1995: THE SEASONAL CYCLE OVER THE TROPICAL PACIFIC IN COUPLED OCEAN-ATMOSPHERE GENERAL-CIRCULATION MODELS. *Monthly Weather Review*, **123**, 2825-2838. Times Cited: 293
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