

GFDL Citations

Shown below are the peer reviewed publications count, two variations of total citation counts, and the H-index values (Hirsch 2005) for the currently publishing GFDL authors. The first column is the number of peer-reviewed publications listed on the GFDL Online Bibliography, which lists all of a scientist's publications while at GFDL. The information in the next three columns is from the Web of Science, which was chosen as the primary measure, because it provides what we view as a more traditional representation of citation counts and H-Index. The last column is the citation count taken from Google Scholar, which includes both peer-reviewed and non-peer-reviewed publications. The sort order for the table is Hirsch Index and then Total Citations, both from Web of Science. Google Scholar was chosen to demonstrate the broader impact and magnitude of the body of works for GFDL authors due to its more complete coverage of international journals and conference proceedings (Meho and Yang 2007). You will find some differentiation between the publication counts for the GFDL Online Bibliography and the Web of Science database. These differences arise for a variety of factors including the following: the NOAA subscription to the Web of Science only includes peer-reviewed papers from 1984 to present day while the GFDL Online Bibliography contains both peer-reviewed and non-peer-reviewed papers from 1965 to the present day; some journals in which GFDL authors publish are not among the Web of Science collection; and some papers weren't published while the author was at GFDL.

Web of Science and Selected Google Scholar Results (1984-2013):

Author	GFDL Bibliography	Web of Science			Google Scholar
	Peer Reviewed Publication Count	Peer Reviewed Publication Count	Total Citations	Hirsch Index	Total Citations
Held	161	139	9612	53	17538
Stouffer	136	100	11330	51	23831
Delworth	100	91	7580	42	11649
Ramaswamy	149	125	5595	42	16727
Horowitz	134	126	5980	41	9822
Lau	104	70	6476	36	9530
Ginoux	65	65	5562	35	8523
Knutson	63	52	5051	33	9096
Milly (USGS)	55	55	3533	31	7816
Toggweiler	76	61	4573	29	7956
Vecchi	81	82	4170	29	6806
Wilson	53	47	2364	28	3697
Dunne, John	71	63	3091	26	4165
Dixon	44	39	3443	25	7677
Griffies	76	59	2965	25	5532
Schwarzkopf	49	38	2561	25	4406

Author	GFDL Bibliography	Web of Science			Google Scholar
	Peer Reviewed Publication Count	Peer Reviewed Publication Count	Total Citations	Hirsch Index	Total Citations
Donner	72	59	2374	25	2863
Wittenberg	58	48	3077	24	4516
Rosati	66	63	3228	23	5286
Stern	43	31	2302	23	3557
Lin, Shian-Jiann	51	45	3611	22	5640
Hallberg	53	48	1679	21	2334
Zhang, Rong	38	44	2369	20	3205
Nath	28	27	2002	20	2468
Lanzante	35	33	1924	20	3320
Golaz, Chris	40	38	1210	19	1853
Adcroft (CICS)	23	35	2246	18	3755
Winton	33	27	1708	18	3657
Legg (CICS)	22	37	1018	18	1465
Fan	34	30	1612	17	3384
Ming	40	37	923	17	1363
John	28	21	3061	16	4957
Zhao (UCAR)	44	38	763	16	1099
Mao (CICS)	14	35	751	16	1160
Naik (UCAR)	42	32	662	14	1547
Bender	29	17	1343	13	2449
Findell	24	22	1276	13	1717
Harrison	25	18	1107	13	1448
Garner	23	23	1071	13	1448
Samuels	21	16	994	13	1746
Zeng	20	18	1254	12	1625
Zhang, Shaoqing	31	27	259	12	346
Dunne, Krista (USGS)	14	13	2158	11	3543
Sirutis	23	15	1361	11	2219
Ploshay	26	18	860	11	917
Seman	23	18	536	11	705
Hurlin	10	10	869	10	1052
Shevliakova (CICS)	33	18	1272	9	3170
Wyman	11	9	1244	9	1684
Gudgel	15	13	1234	9	2177
Malyshev (CICS)	19	14	768	9	2417
Freidenreich	15	15	600	9	786
Balaji (CICS)	16	12	1205	8	1863
Guo (UCAR)	5	13	232	8	356
Sergienko (CICS)	16	16	129	8	138
Zadeh (DRC)	3	12	363	7	1036
Marchok	12	12	233	7	367

	GFDL Bibliography	Web of Science			Google Scholar
Author	Peer Reviewed Publication Count	Peer Reviewed Publication Count	Total Citations	Hirsch Index	Total Citations
Stock	22	17	162	7	412
Lin, Meiyun (CICS)	7	11	138	7	234
Golaz, Ni (DRC)	9	6	687	6	1093
Msadek (UCAR)	14	12	121	6	205
Anderson	10	9	84	6	138
Phillipps	8	5	127	5	273
Sentman	5	5	355	4	419
Langenhorst	3	3	915	3	1274
Paynter	3	4	48	2	69
Krasting	5	5	32	2	53
Harris	3	3	17	2	33
Benson	1	1	27	1	43

Definition:

The Hirsch Index is one measure of the scientific impact of peer-reviewed publications that an individual scientist has authored or co-authored. The Index is equal to the maximum number of publications, H, that have at least H citations from other peer-reviewed publications.

Hirsch, J. E., 2005: An index to quantify an individual's scientific research output. *Proceedings of the National Academy of Sciences*, 102, 16,569-16,572, doi:10.1073/pnas.0507655102.

Meho, L. I., and K. Yang, 2007: Impact of data sources on citation counts and rankings of LIS faculty: Web of Science vs. Scopus and Google Scholar. *Journal of the American Society for Information Science and Technology*, 58, 2,105-2,125, doi:10.1002/asi.20677.

Footnote 1: This list includes all Federal and long-term non-Federal GFDL scientists. All personnel shown without a CICS, UCAR, DRC, or USGS affiliation after their name are NOAA Federal employees.

Footnote 2: List is sorted by H-Index, followed by WoS total citations.

Footnote 3: The GFDL bibliography only contains publications that were done while at GFDL. Because of this, the publication count for some personnel may vary between the GFDL Bibliography and Web of Science.