

Scientific Impact Metrics for XSEDE2 at Report Year 2 for the period between Jan 1, 2017 to Apr 30, 2018

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1. Impact Metrics of TG/XD publications since Sept 2016

Table SIM-1: Overall Scientific Impact Metrics of TG/XD publications since start of XSEDE2

	Number of externally verified unique publications*	i10-index (Number of publications cited at least 10 times)	Overall citation count*	h-index	g-index
TG/XD as of Sept 2016	9,505	3,805	181,148	148	258
At end of April 2017	11,013	4,554	223,772	162	289
Change since start of XSEDE 2	+1,508	+749	+42,624	+14	+31
At end of April 2018	13,385	5,959	297,850	182	324
Change since start of XSEDE2	+3,880	+2,154	+116,702	+34	+66
Change since start of RY2 (May 2017)	+2,372	+1,405	+74,078	+20	+35
* Data updated as of April 30 th , 2018.					

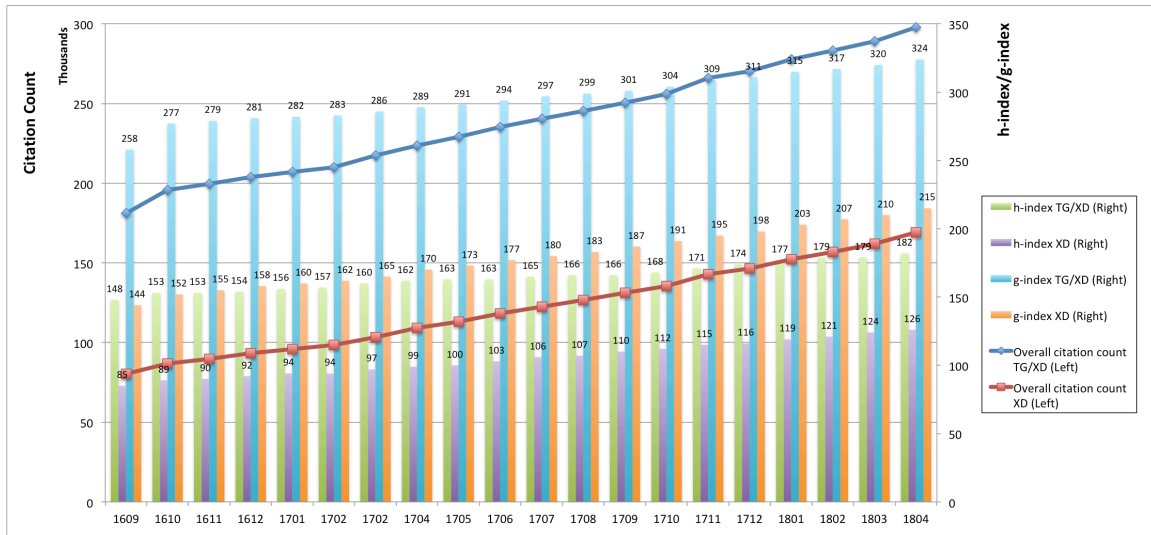


Figure SIM-2. Accumulated citation count (line, left axis) as well as h-index and g-index metrics (bar, right axis) for TG/XD (since 2005) and XD (since 2011).

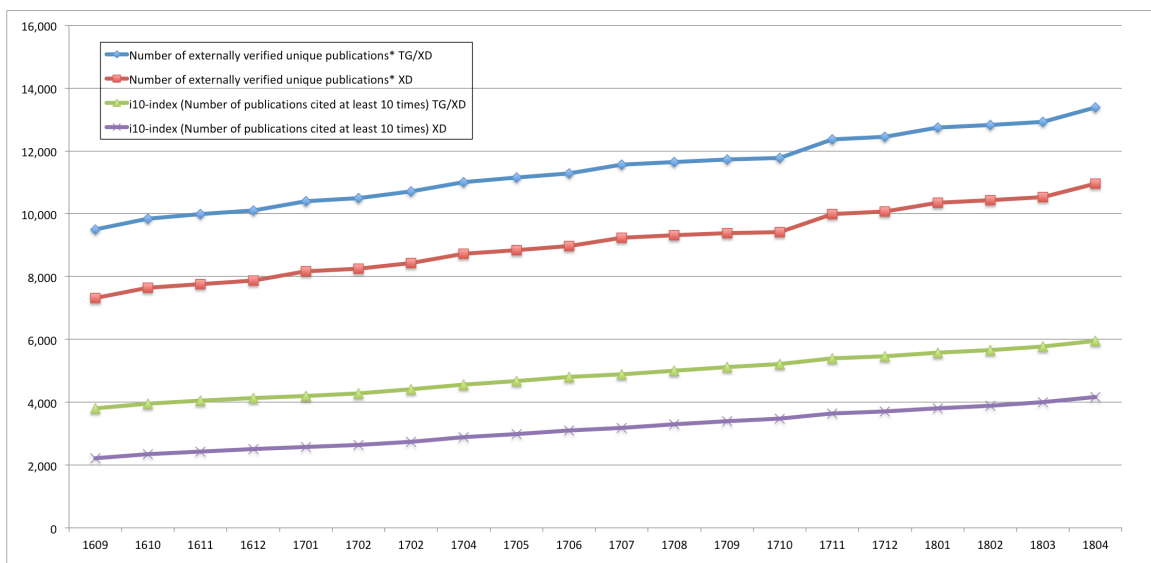


Figure SIM-3. Counts of all externally verified publications for TG/XD (since 2005) and XD (since 2011) and of those being cited at least 10 times (i10-index).

Impact Metrics of XSEDE2 publications*

(* calculated from start of year 2017)

Table SIM-4: Scientific Impact Metrics of XSEDE2 publications (since Jan 2017)

	Number of externally verified unique publications*	i10-index (Number of publications cited at least	Overall citation count*	h-index	g-index

		10 times)			
At end of April 2017	147	0	28	2	4
At end of April 2018	1,611	83	3,887	20	31
Change of RY2	+1,464	+83	+3,859	+18	+27
* Data updated as of April 30 th , 2018.					

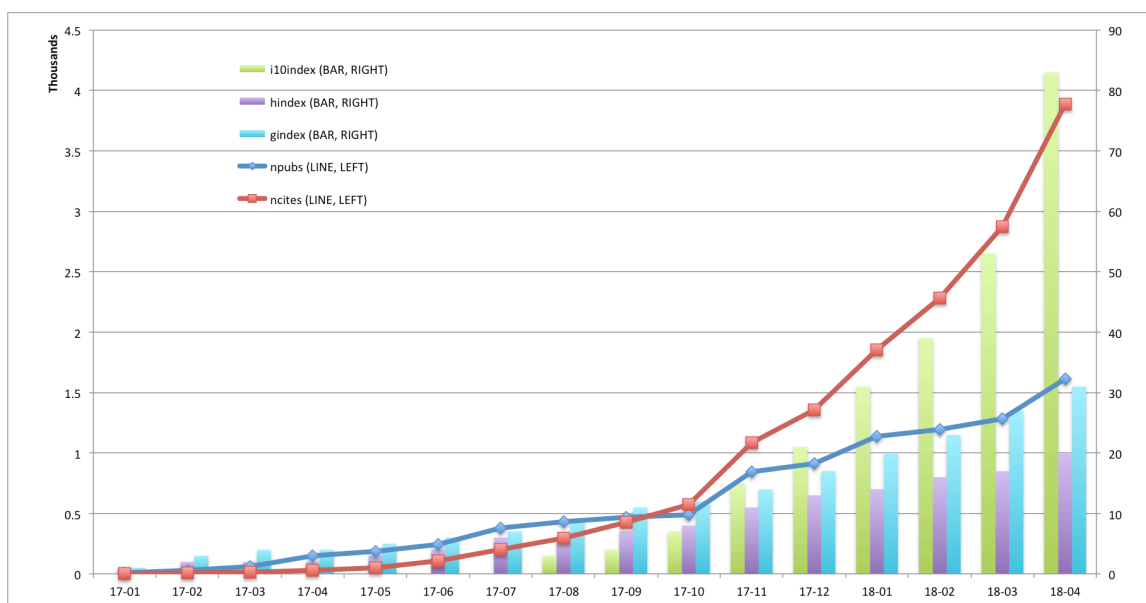


Figure SIM-5. Monthly impact metrics (publication count; citation count; i-10index; h-index; g-index) of XSEDE2 publications (those published since 2017)