

# Alexey Kaplan

## List of Publications by Citations

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25  
papers

4,151  
citations

19  
h-index

25  
g-index

25  
ext. papers

4,401  
ext. citations

9.8  
avg, IF

4.64  
L-index

#	Paper	IF	Citations
25	Analyses of global sea surface temperature 1856–1991. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 18567-18589	13.1	131
24	Radiocarbon calibration curve spanning 0 to 50,000 years BP based on paired <sup>230</sup> Th/ <sup>234</sup> U/ <sup>238</sup> U and <sup>14</sup> C dates on pristine corals. <i>Quaternary Science Reviews</i> , <b>2005</b> , 24, 1781-1796	3.9	760
23	Predictability of El Niño over the past 148 years. <i>Nature</i> , <b>2004</b> , 428, 733-6	50.4	419
22	Twentieth-Century Sea Surface Temperature Trends. <i>Science</i> , <b>1997</b> , 275, 957-60	33.3	387
21	Eight centuries of north atlantic ocean atmosphere variability. <i>Science</i> , <b>1999</b> , 286, 1709-13	33.3	193
20	Reduced Space Optimal Interpolation of Historical Marine Sea Level Pressure: 1854–1992*. <i>Journal of Climate</i> , <b>2000</b> , 13, 2987-3002	4.4	165
19	Observed Strengthening of the Zonal Sea Surface Temperature Gradient across the Equatorial Pacific Ocean*. <i>Journal of Climate</i> , <b>2009</b> , 22, 4316-4321	4.4	123
18	On the fidelity of shell-derived <sup>18</sup> O seawater estimates. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 300, 185-196	5.3	117
17	Pacific sea surface temperature field reconstruction from coral <sup>18</sup> O data using reduced space objective analysis. <i>Paleoceanography</i> , <b>2002</b> , 17, 7-1-7-13		109
16	Tracking the extent of the South Pacific Convergence Zone since the early 1600s. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	99
15	El Niño as a mediator of the solar influence on climate. <i>Paleoceanography</i> , <b>2007</b> , 22, n/a-n/a		96
14	An 8-century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentieth-century warming, and Atlantic hurricane frequency. <i>Paleoceanography</i> , <b>2007</b> , 22, n/a-n/a		94
13	Corroborating ecological depth preferences of planktonic foraminifera in the tropical Atlantic with the stable oxygen isotope ratios of core top specimens. <i>Paleoceanography</i> , <b>2007</b> , 22, n/a-n/a		90
12	Support for tropically-driven pacific decadal variability based on paleoproxy evidence. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 3689-3692	4.9	82
11	Bias correction of an ocean-atmosphere coupled model. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 2585-2588	8.9	58
10	Intercomparison of coral oxygen isotope data and historical sea surface temperature (SST): Potential for coral-based SST field reconstructions. <i>Paleoceanography</i> , <b>2000</b> , 15, 551-563		57
9	Optimal sites for coral-based reconstruction of global sea surface temperature. <i>Paleoceanography</i> , <b>1998</b> , 13, 502-516		42

8	A 2000-year record of Caribbean and tropical North Atlantic hydrographic variability. <i>Paleoceanography</i> , <b>2004</b> , 19, n/a-n/a		41
7	Predictability Loss in an Intermediate ENSO Model due to Initial Error and Atmospheric Noise*. <i>Journal of Climate</i> , <b>2006</b> , 19, 3572-3588	4.4	22
6	Predicting Pacific Decadal Variability. <i>Geophysical Monograph Series</i> , <b>2013</b> , 105-120	1.1	16
5	The relationship between tibetan snow depth, ENSO, river discharge and the monsoons of Bangladesh. <i>International Journal of Remote Sensing</i> , <b>2005</b> , 26, 3735-3748	3.1	16
4	Bayesian modelling and ensemble reconstruction of mid-scale spatial variability in North Atlantic sea-surface temperatures for 1850-2008. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2012</b> , 138, 234-248	6.4	13
3	Timing of El Niño-Related Warming and Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , <b>2008</b> , 21, 2711-2719	4.4	12
2	Rigorous quality control criteria for screening coral samples and radiocarbon calibration data based on $^{14}\text{C}$ , $^{230}\text{Th}/^{234}\text{U}/^{238}\text{U}$ and $^{231}\text{Pa}/^{235}\text{U}$ dated corals. A reply to the comment by Yusuke Yokoyama and Tezer M. Esat on Extending the radiocarbon calibration beyond 26,000 years before present using fossil corals by T.-C. Chiu, R.G. Fairbanks, R.A. Mortlock, A.L. Bloom (Quaternary Science Reviews, 2011, 30, 1037-1040)	3.9	6
1	The Pacific Sector Hadley and Walker Circulation in Historical Marine Wind Analyses. <i>Advances in Global Change Research</i> , <b>2004</b> , 239-258	1.2	3