

Kelvin J Michael

List of Publications by Year in descending order

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35
papers

1,302
citations

430442

18
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	The distribution and formative processes of latent-heat polynyas in East Antarctica. <i>Annals of Glaciology</i> , 1998, 27, 420-426.	2.8	194
2	Loyalty pays: potential life history consequences of fidelity to marine foraging regions by southern elephant seals. <i>Animal Behaviour</i> , 2004, 68, 1349-1360.	0.8	175
3	East Antarctic Landfast Sea Ice Distribution and Variability, 2000-2008. <i>Journal of Climate</i> , 2012, 25, 1137-1156.	1.2	129
4	Dispersal of female southern elephant seals and their prey consumption during the austral summer: relevance to management and oceanographic zones. <i>Journal of Applied Ecology</i> , 2003, 40, 703-715.	1.9	106
5	Foraging strategies of southern elephant seals (<i>Mirounga leonina</i>) in relation to frontal zones and water masses. <i>Antarctic Science</i> , 2001, 13, 371-379.	0.5	85
6	At-sea distribution of female southern elephant seals relative to variation in ocean surface properties. <i>ICES Journal of Marine Science</i> , 2004, 61, 1014-1027.	1.2	63
7	An Improved Model for Relativistic Solar Proton Acceleration Applied to the 2005 January 20 and Earlier Events. <i>Astrophysical Journal</i> , 2008, 682, 1315-1327.	1.6	47
8	Assessment of an ensemble seasonal streamflow forecasting system for Australia. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6007-6030.	1.9	45
9	The optimal spatial scale for the analysis of elephant seal foraging as determined by geo-location in relation to sea surface temperatures. <i>ICES Journal of Marine Science</i> , 2002, 59, 770-781.	1.2	40
10	Generation of high-resolution East Antarctic landfast sea-ice maps from cloud-free MODIS satellite composite imagery. <i>Remote Sensing of Environment</i> , 2010, 114, 2888-2896.	4.6	37
11	Relativistic Proton Production during the 2000 July 14 Solar Event: The Case for Multiple Source Mechanisms. <i>Astrophysical Journal</i> , 2006, 644, 565-574.	1.6	36
12	The influence of polar-cap convection on the geoelectric field at Vostok, Antarctica. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2003, 65, 345-354.	0.6	32
13	The climatic response of <i>Phyllocladus aspleniifolius</i> (Labill.) Hook. f in Tasmania. <i>Journal of Biogeography</i> , 2002, 28, 305-316.	1.4	31
14	Measurements of erythemal irradiance near Davis Station, Antarctica: Effect of inhomogeneous surface albedo. <i>Geophysical Research Letters</i> , 1999, 26, 1381-1384.	1.5	29
15	Relativistic Proton Production during the 2001 April 15 Solar Event. <i>Astrophysical Journal</i> , 2007, 665, 813-823.	1.6	29
16	Remote sensing of Southern Ocean sea surface temperature: implications for marine biophysical models. <i>Remote Sensing of Environment</i> , 2003, 84, 161-173.	4.6	28
17	A Method for Compositing Polar MODIS Satellite Images to Remove Cloud Cover for Landfast Sea-Ice Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009, 47, 3272-3282.	2.7	28
18	Shallow-water wave lensing in coral reefs: a physical and biological case study. <i>Journal of Experimental Biology</i> , 2010, 213, 4304-4312.	0.8	28

#	ARTICLE	IF	CITATIONS
19	Determining the floe-size distribution of East Antarctic sea ice from digital aerial photographs. <i>Annals of Glaciology</i> , 2001, 33, 94-100.	2.8	27
20	Attenuation coefficients of ultraviolet and photosynthetically active wavelengths in the waters of Heron Reef, Great Barrier Reef, Australia. <i>Marine and Freshwater Research</i> , 2012, 63, 142.	0.7	18
21	A satellite-based climatology of UV-B irradiance for Antarctic coastal regions. <i>International Journal of Climatology</i> , 1997, 17, 1029-1054.	1.5	15
22	An automated image analysis system for determining sea-ice concentration and cloud cover from AVHRR images of the Antarctic. <i>International Journal of Remote Sensing</i> , 2002, 23, 611-625.	1.3	11
23	Lensing effect on underwater levels of UV radiation. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	11
24	A structural time series approach to the reconstruction of Tasmanian maximum temperatures. <i>Environmental Modelling and Software</i> , 1999, 14, 261-274.	1.9	9
25	The monitoring of katabatic wind-coastal polynya interaction using AVHRR imagery. <i>Antarctic Science</i> , 1994, 6, 537-540.	0.5	7
26	Short-wave ocean wave slope models for use in remote sensing data analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1962-1973.	2.7	7
27	Derivation of ocean-atmosphere heat fluxes in a tropical environment using satellite and surface data. <i>International Journal of Climatology</i> , 1991, 11, 559-575.	1.5	7
28	Diffuse Attenuation Coefficients for East Antarctic Pack Ice and Snow at Ultraviolet and Visible Wavelengths. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 4455-4461.	2.7	7
29	An error model for long-range ensemble forecasts of ephemeral rivers. <i>Advances in Water Resources</i> , 2021, 151, 103891.	1.7	7
30	The calibration of a small, low-cost thermal infrared radiometer. <i>Remote Sensing of Environment</i> , 1996, 56, 97-103.	4.6	6
31	Partitioning of underwater direct and diffuse ultraviolet irradiance in a shallow water coral reef. <i>Marine and Freshwater Research</i> , 2009, 60, 1244.	0.7	6
32	On the measurement of relative humidity in a marine environment. <i>Boundary-Layer Meteorology</i> , 1988, 42, 403-409.	1.2	1
33	A method for compositing MODIS satellite images to remove cloud cover. , 2009, , .		1
34	Validation of tropical ocean-atmosphere heat fluxes-from marine data against a satellite-based method. <i>International Journal of Climatology</i> , 1994, 14, 429-437.	1.5	0
35	Influence of surface reflectivity on radiation in the Antarctic environment. , 2006, , .		0