

# Axel Suckow

## List of Publications by Year in descending order

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36  
papers

878  
citations

623734

14  
h-index

477307

29  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-Related Fluid Flow Implications for Unconventional Hydrocarbon Development, Beetaloo Sub-Basin (Northern Territory, Australia). <i>Geosciences (Switzerland)</i> , 2022, 12, 37.	2.2	3
2	Modelling 85Kr datasets with python for applications in tracer hydrology and to investigate atmospheric circulation. <i>MethodsX</i> , 2021, 8, 101245.	1.6	3
3	Groundwater sources for the Mataranka Springs (Northern Territory, Australia). <i>Scientific Reports</i> , 2021, 11, 24288.	3.3	8
4	Reconciling contradictory environmental tracer ages in multi-tracer studies to characterize the aquifer and quantify deep groundwater flow: an example from the Hutton Sandstone, Great Artesian Basin, Australia. <i>Hydrogeology Journal</i> , 2020, 28, 75-87.	2.1	14
5	Krypton-85 datasets of the northern and southern hemisphere collected over the past 60 years. <i>Data in Brief</i> , 2020, 33, 106522.	1.0	5
6	A multi-environmental tracer study to determine groundwater residence times and recharge in a structurally complex multi-aquifer system. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 249-267.	4.9	15
7	A multidisciplinary approach to the hydrological conceptualisation of springs in the Surat Basin of the Great Artesian Basin (Australia). <i>Hydrogeology Journal</i> , 2020, 28, 219-236.	2.1	10
8	Evaluating 5 decades of atmospheric 85Kr measurements in the southern hemisphere to derive an input function for dating water and ice with implications for interhemispheric circulation and the global 85Kr emission inventory. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106451.	1.7	9
9	Multi-isotope studies investigating recharge and inter-aquifer connectivity in coal seam gas areas (Qld, NSW) and shale gas areas (NT). <i>APPEA Journal</i> , 2020, 60, 335.	0.2	1
10	Multi-tracer and hydrogeophysical investigation of the hydraulic connectivity between coal seam gas formations, shallow groundwater and stream network in a faulted sedimentary basin. <i>Journal of Hydrology</i> , 2019, 578, 124132.	5.4	12
11	Characterising alluvial aquifers in a remote ephemeral catchment (Flinders River, Queensland) using a direct push tracer approach. <i>Journal of Hydrology</i> , 2018, 556, 600-610.	5.4	3
12	Sampling Dissolved Gases in Groundwater at in Situ Pressure: A Simple Method for Reducing Uncertainty in Hydrogeological Studies of Coal Seam Gas Exploration. <i>Environmental Science and Technology Letters</i> , 2017, 4, 535-539.	8.7	9
13	Ground water recharge in the Umm Kedada Basin, NW-Sudan, derived from environmental isotopes of soil moisture in samples collected from deep dug wells. , 2017, , 677-685.		1
14	River infiltration to a subtropical alluvial aquifer inferred using multiple environmental tracers. <i>Water Resources Research</i> , 2015, 51, 4532-4549.	4.2	23
15	On the hydrology of the bauxite oases, Cape York Peninsula, Australia. <i>Journal of Hydrology</i> , 2015, 528, 668-682.	5.4	12
16	Constraining age distributions of groundwater from public supply wells in diverse hydrogeological settings in Scania, Sweden. <i>Journal of Hydrology</i> , 2015, 528, 217-229.	5.4	16
17	The age of groundwater â€œ Definitions, models and why we do not need this term. <i>Applied Geochemistry</i> , 2014, 50, 222-230.	3.0	121
18	Impact of Indus River discharge on productivity and preservation of organic carbon in the Arabian Sea over the twentieth century. <i>Geology</i> , 2012, 40, 399-402.	4.4	13

#	ARTICLE	IF	CITATIONS
19	Isotopic and geochemical indicators for groundwater flow and multi-component mixing near disturbed salt anticlines. <i>Chemical Geology</i> , 2012, 294-295, 226-242.	3.3	7
20	Direct-push profiling of isotopic and hydrochemical vertical gradients. <i>Journal of Hydrology</i> , 2010, 385, 84-94.	5.4	12
21	Groundwater flow regime, recharge and regional-scale solute transport in the semi-arid Kalahari of Botswana derived from isotope hydrology and hydrochemistry. <i>Journal of Hydrology</i> , 2010, 388, 291-303.	5.4	32
22	Chapter 9 Analysis of Radionuclides. <i>Radioactivity in the Environment</i> , 2009, , 363-406.	0.2	4
23	Impact of recharge variations on water quality as indicated by excess air in groundwater of the Kalahari, Botswana. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 911-922.	3.9	9
24	Understanding the origin and fate of nitrate in groundwater of semi-arid environments. <i>Journal of Arid Environments</i> , 2008, 72, 1830-1842.	2.4	66
25	Towards a Deeper Understanding of How Carbonate Isotopes ( <sup>14</sup> C, <sup>13</sup> C, <sup>18</sup> O) Reflect Environmental Changes: A Study with Recent <sup>210</sup> Pb-Dated Sediments of the Plitvice Lakes, Croatia. <i>Radiocarbon</i> , 2008, 50, 233-253.	1.8	23
26	Reference material for radionuclides in sediment IAEA-384 (Fangataufa Lagoon sediment). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 383-393.	1.5	72
27	Isotope records in submarine speleothems from the Adriatic coast, Croatia. <i>Bulletin - Societe Geologique De France</i> , 2005, 176, 363-372.	2.2	10
28	Pleistocene meteoric pore water in dated marine sediment cores off Callao, Peru. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 59, 499-510.	2.1	12
29	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2003, 144, 243-262.	2.4	20
30	Sediment transport in the shelf canyon "Swatch of No Ground" (Bay of Bengal). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 1003-1022.	1.4	50
31	The Saltwater/Freshwater Regime in the Sedimentary Cover of the Gorleben Salt Dome. <i>Transport in Porous Media</i> , 2002, 47, 125-148.	2.6	4
32	Bioturbation coefficients of deep-sea sediments from the Peru Basin determined by gamma spectrometry of <sup>210</sup> Pb <sub>exc</sub> . <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 3569-3592.	1.4	22
33	A Database System for Geochemical, Isotope Hydrological, and Geochronological Laboratories. <i>Radiocarbon</i> , 2001, 43, 325-337.	1.8	14
34	Absolute Dating of Recent Sediments in the Cyclone-influenced Shelf Area Off Bangladesh: Comparison of Gamma Spectrometric ( <sup>137</sup> Cs, <sup>210</sup> Pb, <sup>228</sup> Ra), Radiocarbon, and <sup>32</sup> Si Ages. <i>Radiocarbon</i> , 2001, 43, 917-927.	1.8	24
35	The submarine delta of the Ganges "Brahmaputra: cyclone-dominated sedimentation patterns. <i>Marine Geology</i> , 1998, 149, 133-154.	2.1	138
36	Cyclones and tides as feeders of a submarine canyon off Bangladesh. <i>Geology</i> , 1998, 26, 715.	4.4	72