

# Eduardo Kruse

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

985  
citations

393982

19  
h-index

454577

30  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrochemical and isotopical evidence of ground water salinization processes on the coastal plain of Samborombán Bay, Argentina. <i>Journal of Hydrology</i> , 2009, 365, 335-345.	2.3	140
2	Impact of sea-level rise on saltwater intrusion length into the coastal aquifer, Partido de La Costa, Argentina. <i>Continental Shelf Research</i> , 2013, 61-62, 62-70.	0.9	54
3	Analysis of water footprint of potato production in the pampean region of Argentina. <i>Journal of Cleaner Production</i> , 2015, 90, 91-96.	4.6	49
4	Saltwater contamination in the managed low-lying farmland of the Venice coast, Italy: An assessment of vulnerability. <i>Science of the Total Environment</i> , 2015, 533, 356-369.	3.9	42
5	Interaction between continental and estuarine waters in the wetlands of the northern coastal plain of Samborombán Bay, Argentina. <i>Applied Geochemistry</i> , 2013, 34, 152-163.	1.4	40
6	Iron and manganese content in groundwater on the northeastern coast of the Buenos Aires Province, Argentina. <i>Environmental Earth Sciences</i> , 2015, 73, 1983-1995.	1.3	40
7	Coastal processes and environmental hazards: the Buenos Aires (Argentina) and Venetian (Italy) littorals. <i>Environmental Geology</i> , 2007, 51, 1307-1316.	1.2	35
8	Ionic exchange in groundwater hydrochemical evolution. Study case: the drainage basin of El Pescado creek (Buenos Aires province, Argentina). <i>Environmental Earth Sciences</i> , 2012, 65, 421-428.	1.3	35
9	Hydraulic parameters estimation from well logging resistivity and geoelectrical measurements. <i>Journal of Applied Geophysics</i> , 2014, 105, 50-58.	0.9	33
10	Identification of palaeo-seawater intrusion in groundwater using minor ions in a semi-confined aquifer of the Río de la Plata littoral (Argentina). <i>Science of the Total Environment</i> , 2016, 566-567, 1640-1648.	3.9	32
11	Environmental hydrogeology of the southern sector of the Samborombon Bay wetland, Argentina. <i>Environmental Geology</i> , 2008, 54, 95-102.	1.2	30
12	Hydrochemical characterization of the water resources in the coastal environments of the outer Río de la Plata estuary, Argentina. <i>Journal of South American Earth Sciences</i> , 2012, 37, 113-121.	0.6	30
13	Influence of the geologic and geomorphologic characteristics and of crab burrows on the interrelation between surface water and groundwater in an estuarine coastal wetland. <i>Journal of Hydrology</i> , 2011, 403, 234-241.	2.3	28
14	Surface water and groundwater characteristics in the wetlands of the Ajá River (Argentina). <i>Continental Shelf Research</i> , 2012, 49, 25-33.	0.9	28
15	A retrospective assessment of the hydrological conditions of the Samborombán coastland (Argentina). <i>Ecological Engineering</i> , 2014, 67, 223-237.	1.6	26
16	Prediction of seasonal water-table fluctuations in La Pampa and Buenos Aires, Argentina. <i>Hydrogeology Journal</i> , 2001, 9, 339-347.	0.9	25
17	Hydro-morphologic setting of the Samborombán Bay (Argentina) at the end of the 21st century. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 523-534.	1.5	24
18	Relationship between precipitation and water-table fluctuation in a coastal dune aquifer: northeastern coast of the Buenos Aires province, Argentina. <i>Hydrogeology Journal</i> , 2012, 20, 1613-1621.	0.9	23

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19	Recharge assessment in an urban area: a case study of La Plata, Argentina. <i>Hydrogeology Journal</i> , 2013, 21, 1091-1100.	0.9	21
20	Environmental impacts and simultaneity of positive and negative storm surges on the coast of the Province of Buenos Aires, Argentina. <i>Environmental Earth Sciences</i> , 2013, 68, 2325-2335.	1.3	19
21	Hydrogeochemical and isotopic characterisation of groundwater in a sand-dune phreatic aquifer on the northeastern coast of the province of Buenos Aires, Argentina. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 399-419.	0.5	17
22	Temporal analysis of the changes in the sand-dune barrier in the Buenos Aires Province, Argentina, and their relationship with the water resources. <i>Applied Geography</i> , 2014, 54, 169-181.	1.7	16
23	Estimation of hydraulic parameters using electrical resistivity tomography (ERT) and empirical laws in a semi-confined aquifer. <i>Near Surface Geophysics</i> , 2018, 16, 627-641.	0.6	16
24	Determination of heterogeneities in the hydraulic properties of a phreatic aquifer from tidal level fluctuations: a case in Argentina. <i>Hydrogeology Journal</i> , 2009, 17, 1727-1732.	0.9	14
25	Eco-hydrological role of deep aquifers in the Salado sedimentary basin in the Province of Buenos Aires, Argentina. <i>Environmental Earth Sciences</i> , 2010, 60, 749-756.	1.3	14
26	Hydrochemical and isotopic characterization of the hydrological budget of a MAB Reserve: Mar Chiquita lagoon, province of Buenos Aires, Argentina. <i>Environmental Earth Sciences</i> , 2014, 72, 2821-2835.	1.3	13
27	Groundwater travel time in the freshwater lenses of Samborombán Bay, Argentina. <i>Hydrological Sciences Journal</i> , 2010, 55, 754-762.	1.2	12
28	Environmental isotopes applied to the evaluation and quantification of evaporation processes in wetlands: a case study in the Ajó Coastal Plain wetland, Argentina. <i>Environmental Earth Sciences</i> , 2015, 74, 5839-5847.	1.3	11
29	Coastal aquifer hydrodynamics and salinity in response to the tide: case study in Lisbon, Portugal. <i>Hydrology Research</i> , 2017, 48, 240-252.	1.1	10
30	Hydrologic scenarios applied to the agricultural management of the northwest of the Buenos Aires Province, Argentina. <i>Geo Journal</i> , 2007, 70, 263-271.	1.7	9
31	Local and Regional Water Flow Quantification in Groundwater-dependent Wetlands. <i>Water Resources Management</i> , 2013, 27, 807-817.	1.9	9
32	Physicochemical characterization of sediments from the coastal wetland of Samborombán Bay, Argentina. <i>Journal of South American Earth Sciences</i> , 2012, 34, 26-32.	0.6	8
33	Surface water and groundwater response to the tide in coastal wetlands: Assessment of a marsh in the outer Río de la Plata estuary, Argentina. <i>Journal of Coastal Research</i> , 2013, 165, 1098-1103.	0.1	8
34	Estimating daily net radiation in the FAO Penman-Monteith method. <i>Theoretical and Applied Climatology</i> , 2017, 129, 89-95.	1.3	8
35	Development and Analysis of a New Solar Radiation Atlas for Argentina from Ground-Based Measurements and CERES_SYN1deg data. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2018, 21, 211-217.	1.1	8
36	A multi-parameter study of groundwater-seawater interactions along Partido de La Costa, Buenos Aires Province, Argentina. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	8

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37	The hydrologic landscape of the AjÃ³ coastal plain, Argentina: An assessment of human-induced changes. <i>Anthropocene</i> , 2017, 18, 1-14.	1.6	7
38	Quaternary marine incursions as indicated by hydrogeochemical evidence in the semi-confined aquifer of the littoral of the RÃ³ de la Plata, Argentina. <i>Quaternary Research</i> , 2017, 88, 160-167.	1.0	7
39	Numerical and experimental study of a thermal probe for measuring groundwater velocity. <i>Review of Scientific Instruments</i> , 2008, 79, 015102.	0.6	5
40	A Rotary Thermal Probe for Measuring Groundwater Velocity. <i>Instrumentation Science and Technology</i> , 2009, 37, 303-318.	0.9	5
41	Comparative study of urban development and groundwater condition in coastal areas of Buenos Aires, Argentina. <i>Hydrogeology Journal</i> , 2017, 25, 1407-1422.	0.9	4
42	The carbon budget of a large catchment in the Argentine Pampa plain through hydrochemical modeling. <i>Science of the Total Environment</i> , 2014, 493, 649-655.	3.9	3
43	Relationship between geohydrology and Upper Pleistoceneâ€“Holocene evolution of the eastern region of the Province of Buenos Aires, Argentina. <i>Journal of South American Earth Sciences</i> , 2017, 76, 276-289.	0.6	3
44	Impact of afforestation on coastal aquifer recharge. Case study: eastern coast of the Province of Buenos Aires, Argentina. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	3
45	Variability of 222Rn in the sandy aquifer of Buenos Aires coast. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	3
46	Evolution of groundwater recharge as a result of forest development on the east coast of the province of Buenos Aires, Argentina. <i>Hydrogeology Journal</i> , 2021, 29, 783-797.	0.9	3
47	Decision tree as a tool for the management of coastal aquifers of limited saturated thickness. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2020, 53, 189-200.	0.8	2
48	A chemical and isotopic approach to investigate groundwater dynamics in a coastal aquifer. <i>Catena</i> , 2022, 213, 106229.	2.2	2
49	Title is missing!. <i>Natural Resources Research</i> , 2002, 11, 157-166.	2.2	1
50	Hydrochemical variability associated with rainfall regime: a case study in the coastal wetland of the outer RÃ³ de la Plata Estuary, Argentina. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	1
51	Coastal aquifer behaviour related to the textural and mineralogical characteristics of the sands in the eastern coast of the province of Buenos Aires. <i>Journal of South American Earth Sciences</i> , 2022, 114, 103692.	0.6	1
52	Granulometric and Compositional Characterization of the Holocene Formations in the Northeastern Sector of the Atlantic Ocean Coast, Province of Buenos Aires, Argentina and Its Relation to Hydrogeological Aspects. <i>Springer Earth System Sciences</i> , 2021, , 416-436.	0.1	0
53	Hydrological Variations Associated with Geomorphological Changes in a Sand Dune Barrier of the Partido de La Costa, Province of Buenos Aires. <i>Springer Earth System Sciences</i> , 2017, , 101-118.	0.1	0