

# Ulrich Schmidt

## List of Publications by Year in descending order

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14  
papers

396  
citations

933447

10  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil Moisture and Air Humidity Dependence of the Above-Ground Cosmic-Ray Neutron Intensity. <i>Frontiers in Water</i> , 2021, 2, .	2.3	29
2	Large-Scale Boron-Lined Neutron Detection Systems as a $^3\text{He}$ Alternative for Cosmic Ray Neutron Sensing. <i>Frontiers in Water</i> , 2020, 2, .	2.3	28
3	A dense network of cosmic-ray neutron sensors for soil moisture observation in a highly instrumented pre-Alpine headwater catchment in Germany. <i>Earth System Science Data</i> , 2020, 12, 2289-2309.	9.9	44
4	ANNI – A pulsed cold neutron beam facility for particle physics at the ESS. <i>EPJ Web of Conferences</i> , 2019, 219, 10003.	0.3	16
5	Design of the magnet system of the neutron decay facility PERC. <i>EPJ Web of Conferences</i> , 2019, 219, 04007.	0.3	14
6	A new limit of the $^{129}\text{Xe}$ Electric Dipole Moment. <i>EPJ Web of Conferences</i> , 2019, 219, 02003.	0.3	0
7	Precise measurement of magnetic field gradients from free spin precession signals of $^3\text{He}$ and $^{129}\text{Xe}$ magnetometers. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	12
8	Improving calibration and validation of cosmic-ray neutron sensors in the light of spatial sensitivity. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5009-5030.	4.9	93
9	Search for Spin-Dependent Short-Range Interaction with an $^3\text{He}/^{129}\text{Xe}$ Clock Comparison Experiment. <i>International Journal of Modern Physics Conference Series</i> , 2016, 40, 1660083.	0.7	1
10	Generation of narrow peaks in spectroscopy of charged particles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 837, 50-57.	1.6	3
11	HP-Xe to go: Storage and transportation of hyperpolarized $^{129}\text{Xe}$ . <i>Journal of Magnetic Resonance</i> , 2016, 265, 197-199.	2.1	4
12	Absolute efficiency measurements with the 10B based Jalousie detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 743, 90-95.	1.6	17
13	Exposing cells to $\text{H}_2\text{O}_2$ : A quantitative comparison between continuous low-dose and one-time high-dose treatments. <i>Free Radical Biology and Medicine</i> , 2013, 60, 325-335.	2.9	91
14	Spin clocks: Probing fundamental symmetries in nature. <i>Annalen Der Physik</i> , 2013, 525, 539-549.	2.4	43