

# Ulrich Schmidt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4699603/publications.pdf>

Version: 2024-02-01

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  | 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        |
| 2  | Exposing cells to H <sub>2</sub> O <sub>2</sub> : 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        |
| 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  | Spin clocks: Probing fundamental symmetries in nature. <i>Annalen Der Physik</i> , 2013, 525, 539-549.  | 2.4 | 43        |
| 5  | Soil Moisture and Air Humidity Dependence of the Above-Ground Cosmic-Ray Neutron Intensity. <i>Frontiers in Water</i> , 2021, 2, .  | 2.3 | 29        |
| 6  | Large-Scale Boron-Lined Neutron Detection Systems as a <sup>3</sup> He Alternative for Cosmic Ray Neutron Sensing. <i>Frontiers in Water</i> , 2020, 2, .   | 2.3 | 28        |
| 7  | 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        |
| 8  | 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        |
| 9  | Design of the magnet system of the neutron decay facility PERC. <i>EPJ Web of Conferences</i> , 2019, 219, 04007.   | 0.3 | 14        |
| 10 | Precise measurement of magnetic field gradients from free spin precession signals of <sup>3</sup> He and <sup>129</sup> Xe magnetometers. <i>European Physical Journal D</i> , 2017, 71, 1.                                       | 1.3 | 12        |
| 11 | HP-Xe to go: Storage and transportation of hyperpolarized <sup>129</sup> Xenon. <i>Journal of Magnetic Resonance</i> , 2016, 265, 197-199.  | 2.1 | 4         |
| 12 | 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         |
| 13 | Search for Spin-Dependent Short-Range Interaction with an <sup>3</sup> He/ <sup>129</sup> Xe Clock Comparison Experiment. <i>International Journal of Modern Physics Conference Series</i> , 2016, 40, 1660083.                   | 0.7 | 1         |
| 14 | A new limit of the <sup>129</sup> Xenon Electric Dipole Moment. <i>EPJ Web of Conferences</i> , 2019, 219, 02003.   | 0.3 | 0         |