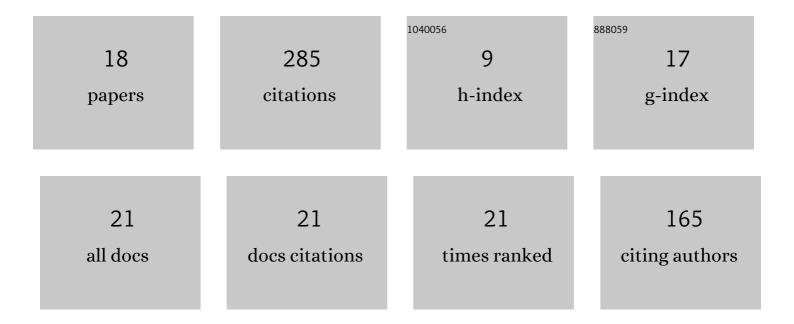
## Antje Kohnle

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8444255/publications.pdf Version: 2024-02-01



ANTIE KOHNLE

| #  | Article   | lF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A new introductory quantum mechanics curriculum. European Journal of Physics, 2014, 35, 015001.   | 0.6 | 65        |
| 2  | Developing and evaluating animations for teaching quantum mechanics concepts. European Journal of Physics, 2010, 31, 1441-1455.   | 0.6 | 43        |
| 3  | A new multimedia resource for teaching quantum mechanics concepts. American Journal of Physics, 2012, 80, 148-153.  | 0.7 | 33        |
| 4  | Enhancing student visual understanding of the time evolution of quantum systems. Physical Review<br>Physics Education Research, 2019, 15, .   | 2.9 | 19        |
| 5  | Interactive simulations for quantum key distribution. European Journal of Physics, 2017, 38, 035403.  | 0.6 | 13        |
| 6  | Realization of a tunable crystal lens as an instrument to focus gamma rays. Nuclear Instruments and<br>Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated<br>Equipment, 1998, 408, 553-561.  | 1.6 | 12        |
| 7  | Characterizing representational learning: A combined simulation and tutorial on perturbation theory. Physical Review Physics Education Research, 2017, 13, .  | 2.9 | 12        |
| 8  | Towards a conceptual diagnostic survey in nuclear physics. European Journal of Physics, 2011, 32, 55-62.  | 0.6 | 11        |
| 9  | Measurement of diffraction efficiencies relevant to crystal lens telescopes. Nuclear Instruments and<br>Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated<br>Equipment, 1998, 416, 493-504. | 1.6 | 8         |
| 10 | Interactive Simulations To Support Quantum Mechanics Instruction for Chemistry Students. Journal of Chemical Education, 2017, 94, 392-397.  | 2.3 | 8         |
| 11 | Sketching to support visual learning with interactive tutorials. Physical Review Physics Education Research, 2020, 16, .  | 2.9 | 8         |
| 12 | Problem-based labs and group projects in an introductory university physics course. Physics Education, 2012, 47, 476-481.   | 0.5 | 5         |
| 13 | Optimization of Simulations and Activities for a New Introductory Quantum Mechanics Curriculum. , $0,,.$  |     | 2         |
| 14 | Quantum mechanics teaching resources from the Institute of Physics. New Directions in the Teaching of Physical Sciences, 2014, 10, 40-43.   | 0.4 | 2         |
| 15 | The Difference Between a Probability and a Probability Density. Physics Teacher, 2019, 57, 190-192.   | 0.3 | 1         |
| 16 | Testing conceptual understanding in introductory astronomy. New Directions in the Teaching of Physical Sciences, 2010, , 26-29.   | 0.4 | 1         |
| 17 | Der Kosmos im Licht von Gammaâ€Strahlung sehr hoher Energie: Die HEGRA Cherenkovâ€Teleskope<br>erlauben Einblicke in das nichtâ€thermische Universum. Physik Journal, 2000, 56, 47-52.  | 0.1 | 0         |
| 18 | Book Review of Quantum Processes, Systems and Information by Benjamin Schumacher & Michael<br>Westmoreland. New Directions in the Teaching of Physical Sciences, 2014, 10, 64-65.   | 0.4 | 0         |