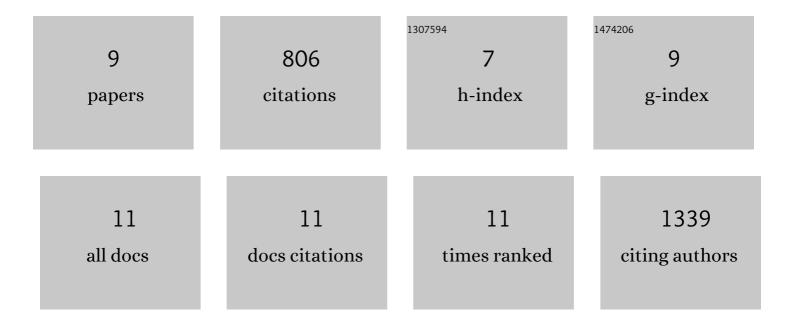
## Steffen Brünle

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6251159/publications.pdf Version: 2024-02-01



STEFFEN RDÃ1/ NI F

#	Article	IF	CITATIONS
1	Retinal isomerization in bacteriorhodopsin captured by a femtosecond x-ray laser. Science, 2018, 361, .	12.6	285
2	Serial millisecond crystallography for routine room-temperature structure determination at synchrotrons. Nature Communications, 2017, 8, 542.	12.8	203
3	Proton uptake mechanism in bacteriorhodopsin captured by serial synchrotron crystallography. Science, 2019, 365, 61-65.	12.6	117
4	Femtosecond-to-millisecond structural changes in a light-driven sodium pump. Nature, 2020, 583, 314-318.	27.8	115
5	Dynamics and mechanism of a light-driven chloride pump. Science, 2022, 375, 845-851.	12.6	43
6	The Crystal Structure of RosB: Insights into the Reaction Mechanism of the First Member of a Family of Flavodoxinâ€like Enzymes. Angewandte Chemie - International Edition, 2017, 56, 1146-1151.	13.8	16
7	The Molybdenum Storage Protein: A solubleATPhydrolysisâ€dependent molybdate pump. FEBS Journal, 2018, 285, 4602-4616.	4.7	9
8	Molybdate pumping into the molybdenum storage protein via an ATP-powered piercing mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26497-26504.	7.1	8
9	The molybdenum storage protein — A bionanolab for creating experimentally alterable polyoxomolybdate clusters. Journal of Inorganic Biochemistry, 2018, 189, 172-179.	3.5	7