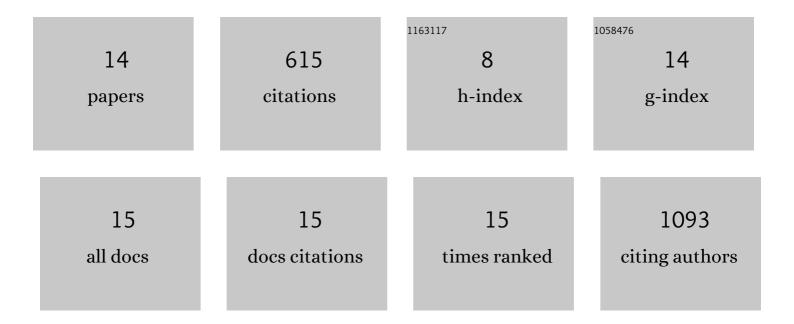
## Johannes van den Boom

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3389589/publications.pdf

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#	Article	IF	CITATIONS
1	VCP/p97-Mediated Unfolding as a Principle in Protein Homeostasis and Signaling. Molecular Cell, 2018, 69, 182-194.	9.7	288
2	VCP/p97 Extracts Sterically Trapped Ku70/80 Rings from DNA in Double-Strand Break Repair. Molecular Cell, 2016, 64, 189-198.	9.7	91
3	Ubiquitin-Independent Disassembly by a p97 AAA-ATPase Complex Drives PP1 Holoenzyme Formation. Molecular Cell, 2018, 72, 766-777.e6.	9.7	62
4	3′-Phosphoadenosine 5′-Phosphosulfate (PAPS) Synthases, Naturally Fragile Enzymes Specifically Stabilized by Nucleotide Binding. Journal of Biological Chemistry, 2012, 287, 17645-17655.	3.4	37
5	Human DHEA sulfation requires direct interaction between PAPS synthase 2 and DHEA sulfotransferase SULT2A1. Journal of Biological Chemistry, 2018, 293, 9724-9735.	3.4	29
6	A Non ompetitive Inhibitor of VCP/p97 and VPS4 Reveals Conserved Allosteric Circuits in Type I and II AAA ATPases. Angewandte Chemie - International Edition, 2018, 57, 1576-1580.	13.8	23
7	Protein Phosphatase-1 Complex Disassembly by p97 is Initiated through Multivalent Recognition of Catalytic and Regulatory Subunits by the p97 SEP-domain Adapters. Journal of Molecular Biology, 2020, 432, 6061-6074.	4.2	20
8	Targeted substrate loop insertion by VCP/p97 during PP1 complex disassembly. Nature Structural and Molecular Biology, 2021, 28, 964-971.	8.2	16
9	Ubiquitin-directed AAA+ ATPase p97/VCP unfolds stable proteins crosslinked to DNA for proteolysis by SPRTN. Journal of Biological Chemistry, 2022, 298, 101976.	3.4	13
10	Structural Model of the Bilitranslocase Transmembrane Domain Supported by NMR and FRET Data. PLoS ONE, 2015, 10, e0135455.	2.5	8
11	Structural Characterization of the Loop at the Alpha-Subunit C-Terminus of the Mixed Lineage Leukemia Protein Activating Protease Taspase1. PLoS ONE, 2016, 11, e0151431.	2.5	8
12	The other side of the corona: nanoparticles inhibit the protease taspase1 in a size-dependent manner. Nanoscale, 2020, 12, 19093-19103.	5.6	7
13	Structure of the PUB Domain from Ubiquitin Regulatory X Domain Protein 1 (UBXD1) and Its Interaction with the p97 AAA+ ATPase. Biomolecules, 2019, 9, 876.	4.0	5
14	The chaperone Lhs1 contributes to the virulence of the fish-pathogenic oomycete Aphanomyces invadans. Fungal Biology, 2020, 124, 1024-1031.	2.5	5