

# Patrik Forrer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7045235/publications.pdf>

Version: 2024-02-01

24  
papers

3,341  
citations

331670

21  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2980  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-affinity binders selected from designed ankyrin repeat protein libraries. <i>Nature Biotechnology</i> , 2004, 22, 575-582.	17.5	598
2	Designing Repeat Proteins: Well-expressed, Soluble and Stable Proteins from Combinatorial Libraries of Consensus Ankyrin Repeat Proteins. <i>Journal of Molecular Biology</i> , 2003, 332, 489-503.	4.2	510
3	Designed to be stable: Crystal structure of a consensus ankyrin repeat protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1700-1705.	7.1	262
4	Efficient Selection of DARPins with Sub-nanomolar Affinities using SRP Phage Display. <i>Journal of Molecular Biology</i> , 2008, 382, 1211-1227.	4.2	236
5	Signal sequences directing cotranslational translocation expand the range of proteins amenable to phage display. <i>Nature Biotechnology</i> , 2006, 24, 823-831.	17.5	191
6	In vitro display technologies: novel developments and applications. <i>Current Opinion in Biotechnology</i> , 2001, 12, 400-405.	6.6	173
7	PDZK1: I. A major scaffolder in brush borders of proximal tubular cells <sup>11</sup> See Editorial by Moe, p. 1916.. <i>Kidney International</i> , 2003, 64, 1733-1745.	5.2	168
8	Novel fold and capsid-binding properties of the lambda-phage display platform protein gpD. <i>Nature Structural Biology</i> , 2000, 7, 230-237.	9.7	140
9	A novel strategy to design binding molecules harnessing the modular nature of repeat proteins. <i>FEBS Letters</i> , 2003, 539, 2-6.	2.8	127
10	Designing Repeat Proteins: Modular Leucine-rich Repeat Protein Libraries Based on the Mammalian Ribonuclease Inhibitor Family. <i>Journal of Molecular Biology</i> , 2003, 332, 471-487.	4.2	123
11	Accelerated dissociation of IgE-Fc $\mu$ RI complexes by disruptive inhibitors actively desensitizes allergic effector cells. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1709-1719.e8.	2.9	122
12	Intracellular Kinase Inhibitors Selected from Combinatorial Libraries of Designed Ankyrin Repeat Proteins. <i>Journal of Biological Chemistry</i> , 2005, 280, 24715-24722.	3.4	115
13	Consensus Design of Repeat Proteins. <i>ChemBioChem</i> , 2004, 5, 183-189.	2.6	96
14	Allosteric Inhibition of Aminoglycoside Phosphotransferase by a Designed Ankyrin Repeat Protein. <i>Structure</i> , 2005, 13, 1131-1141.	3.3	78
15	High-level expression of soluble heterologous proteins in the cytoplasm of <i>Escherichia coli</i> by fusion to the bacteriophage Lambda head protein D. <i>Gene</i> , 1998, 224, 45-52.	2.2	72
16	Highly potent VEGF-A-antagonistic DARPins as anti-angiogenic agents for topical and intravitreal applications. <i>Angiogenesis</i> , 2013, 16, 101-111.	7.2	61
17	Her2-specific Multivalent Adapters Confer Designed Tropism to Adenovirus for Gene Targeting. <i>Journal of Molecular Biology</i> , 2011, 405, 410-426.	4.2	56
18	Half-life extension using serum albumin-binding DARPins <sup>®</sup> domains. <i>Protein Engineering, Design and Selection</i> , 2017, 30, 583-591.	2.1	56

#	ARTICLE	IF	CITATIONS
19	Isolation of Intracellular Proteinase Inhibitors Derived from Designed Ankyrin Repeat Proteins by Genetic Screening. <i>Journal of Biological Chemistry</i> , 2006, 281, 40252-40263.	3.4	43
20	Enzyme-Linked Immunosorbent Assay for Measurement of JNK, ERK, and p38 Kinase Activities. <i>Biological Chemistry</i> , 1998, 379, 1101-1112.	2.5	41
21	Kinetic Stability and Crystal Structure of the Viral Capsid Protein SHP. <i>Journal of Molecular Biology</i> , 2004, 344, 179-193.	4.2	36
22	Thermostable designed ankyrin repeat proteins (DARPin)s as building blocks for innovative drugs. <i>Journal of Biological Chemistry</i> , 2022, 298, 101403.	3.4	17
23	NMR solution structure of the monomeric form of the bacteriophage $\phi$ capsid stabilizing protein gpD. <i>Journal of Biomolecular NMR</i> , 2005, 31, 351-356.	2.8	16
24	Letter to the Editor: Assignments of $^1\text{H}$ and $^{15}\text{N}$ resonances of the bacteriophage $\phi$ capsid stabilizing protein gpD. <i>Journal of Biomolecular NMR</i> , 2004, 28, 89-90.	2.8	3