

Peter B Berget

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,270
citations

516710

16
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1252
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorogen-activating single-chain antibodies for imaging cell surface proteins. <i>Nature Biotechnology</i> , 2008, 26, 235-240.	17.5	346
2	A Rainbow of Fluoromodules: A Promiscuous scFv Protein Binds to and Activates a Diverse Set of Fluorogenic Cyanine Dyes. <i>Journal of the American Chemical Society</i> , 2008, 130, 12620-12621.	13.7	99
3	Phage P22 tail protein: gene and amino acid sequence. <i>Biochemistry</i> , 1982, 21, 5811-5815.	2.5	88
4	Structure and Functions of the Bacteriophage P22 Tail Protein. <i>Journal of Virology</i> , 1980, 34, 234-243.	3.4	86
5	Enhanced Photostability of Genetically Encodable Fluoromodules Based on Fluorogenic Cyanine Dyes and a Promiscuous Protein Partner. <i>Journal of the American Chemical Society</i> , 2009, 131, 12960-12969.	13.7	82
6	STED Nanoscopy in Living Cells Using Fluorogen Activating Proteins. <i>Bioconjugate Chemistry</i> , 2009, 20, 1843-1847.	3.6	75
7	TEMPERATURE-SENSITIVE MUTANTS BLOCKED IN THE FOLDING OR SUBUNIT ASSMBLY OF THE BACTERIOPHAGE P22 TAILSPIKE PROTEIN. I. FINE-STRUCTURE MAPPING. <i>Genetics</i> , 1980, 96, 331-352.	2.9	68
8	â€œGreenâ€•Oxidation Catalysis for Rapid Deactivation of Bacterial Spores. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3974-3977.	13.8	59
9	Determining the subcellular location of new proteins from microscope images using local features. <i>Bioinformatics</i> , 2013, 29, 2343-2349.	4.1	59
10	Blue fluorescent dye-protein complexes based on fluorogenic cyanine dyes and single chain antibody fragments. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1012-1020.	2.8	57
11	Control of phage P22 tail protein expression by transcription termination. <i>Journal of Molecular Biology</i> , 1983, 164, 561-572.	4.2	41
12	Large-Scale Automated Analysis of Location Patterns in Randomly Tagged 3T3 Cells. <i>Annals of Biomedical Engineering</i> , 2007, 35, 1081-1087.	2.5	28
13	Isolation and characterization of precursors in T4 baseplate assembly the complex of gene 10 and gene 11 products. <i>Journal of Molecular Biology</i> , 1978, 124, 469-486.	4.2	24
14	A Variable Light Domain Fluorogen Activating Protein Homodimerizes To Activate Dimethylindole Red. <i>Biochemistry</i> , 2012, 51, 2471-2485.	2.5	20
15	Directed Evolution of a Fluorogen-Activating Single Chain Antibody for Function and Enhanced Brightness in the Cytoplasm. <i>Molecular Biotechnology</i> , 2013, 54, 829-841.	2.4	20
16	Isolation and characterization of precursors in bacteriophage T4 baseplate assembly. <i>Journal of Molecular Biology</i> , 1983, 170, 119-135.	4.2	18
17	Complete nucleotide sequence of a P2 family lysogenic bacteriophage, Î•MhaA1-PHL101, from <i>Mannheimia haemolytica</i> serotype A1. <i>Virology</i> , 2006, 350, 79-89.	2.4	18
18	scFvâ€•based fluorogen activating proteins and variable domain inhibitors as fluorescent biosensor platforms. <i>Biotechnology Journal</i> , 2009, 4, 1328-1336.	3.5	16

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19	Isolation and characterization of precursors in bacteriophage T4 baseplate assembly. <i>Journal of Molecular Biology</i> , 1984, 178, 699-709.	4.2	14
20	The spectrum of Trp ⁺ mutants isolated as 5-fluoroanthranilate-resistant clones in <i>Saccharomyces bayanus</i> , <i>S. mikatae</i> and <i>S. paradoxus</i> . <i>Yeast</i> , 2008, 25, 41-46.	1.7	14
21	Antigenic gene products of bacteriophage T4 baseplates. <i>Virology</i> , 1978, 86, 312-328.	2.4	10
22	Using Transposon Tn5 Insertions to Sequence Bacteriophage T4 Gene11. <i>DNA and Cell Biology</i> , 1989, 8, 287-295.	5.2	7
23	An Enlightening Structure-Function Relationship. <i>Science</i> , 2008, 319, 1195-1196.	12.6	7
24	A cell surface display fluorescent biosensor for measuring MMP14 activity in real-time. <i>Scientific Reports</i> , 2018, 8, 5916.	3.3	5
25	Cell cycle dependence of protein subcellular location inferred from static, asynchronous images. , 2009, 2009, 1016-9.		4
26	Novel DNA structure. <i>Nature</i> , 1983, 305, 176-176.	27.8	0