

Eric T Boder

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,074
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

3093
citing authors

#	ARTICLE	IF	CITATIONS
1	Yeast surface display for screening combinatorial polypeptide libraries. <i>Nature Biotechnology</i> , 1997, 15, 553-557.	17.5	1,579
2	[25] Yeast surface display for directed evolution of protein expression, affinity, and stability. <i>Methods in Enzymology</i> , 2000, 328, 430-444.	1.0	280
3	Sortase A as a Novel Molecular "Stapler" for Sequence-Specific Protein Conjugation. <i>Bioconjugate Chemistry</i> , 2007, 18, 469-476.	3.6	197
4	A Decade of Yeast Surface Display Technology: Where Are We Now?. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 127-134.	1.1	161
5	Optimal Screening of Surface-Displayed Polypeptide Libraries. <i>Biotechnology Progress</i> , 1998, 14, 55-62.	2.6	127
6	Development and Characterization of High Affinity Leptins and Leptin Antagonists. <i>Journal of Biological Chemistry</i> , 2011, 286, 4429-4442.	3.4	123
7	Engineering antibodies by yeast display. <i>Archives of Biochemistry and Biophysics</i> , 2012, 526, 99-106.	3.0	114
8	Protein-Protein Fusion Catalyzed by Sortase A. <i>PLoS ONE</i> , 2011, 6, e18342.	2.5	87
9	Identification and Characterization of <i>Ixodes scapularis</i> Antigens That Elicit Tick Immunity Using Yeast Surface Display. <i>PLoS ONE</i> , 2011, 6, e15926.	2.5	72
10	Yeast surface display of a noncovalent MHC class II heterodimer complexed with antigenic peptide. <i>Biotechnology and Bioengineering</i> , 2005, 92, 485-491.	3.3	53
11	High-throughput engineering and analysis of peptide binding to class II MHC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13258-13263.	7.1	52
12	Limitations of yeast surface display in engineering proteins of high thermostability. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 211-217.	2.1	51
13	A Tick Gut Protein with Fibronectin III Domains Aids <i>Borrelia burgdorferi</i> Congregation to the Gut during Transmission. <i>PLoS Pathogens</i> , 2014, 10, e1004278.	4.7	29
14	Engineering Antibodies for Cancer Therapy. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2011, 2, 53-75.	6.8	26
15	A yeast surface display system for the discovery of ligands that trigger cell activation. <i>Journal of Immunological Methods</i> , 1998, 220, 179-188.	1.4	24
16	Site-specific immobilization of protein layers on gold surfaces via orthogonal sortases. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 457-463.	5.0	23
17	Sortase-Mediated Ligation of PsaE-Modified Photosystem I from <i>Synechocystis</i> sp. PCC 6803 to a Conductive Surface for Enhanced Photocurrent Production on a Gold Electrode. <i>Langmuir</i> , 2015, 31, 1180-1188.	3.5	21
18	An Immobilized Biotin Ligase: Surface Display of <i>Escherichia coli</i> BirA on <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Progress</i> , 2005, 21, 1627-1631.	2.6	16

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19	Fine-tuning sortase-mediated immobilization of protein layers on surfaces using sequential deprotection and coupling. <i>Biotechnology Progress</i> , 2017, 33, 824-831.	2.6	13
20	Rolling Adhesion of \hat{L} I Domain Mutants Decorrelated from Binding Affinity. <i>Journal of Molecular Biology</i> , 2006, 360, 37-44.	4.2	10
21	Yeast Surface Display: New Opportunities for a Time-Tested Protein Engineering System. <i>Methods in Molecular Biology</i> , 2022, 2491, 3-25.	0.9	7
22	Identifying Stable Fragments of <i>Arabidopsis thaliana</i> Cellulose Synthase Subunit 3 by Yeast Display. <i>Biotechnology Journal</i> , 2019, 14, e1800353.	3.5	5
23	Isolation of \hat{L} I domain mutants mediating firm cell adhesion using a novel flow-based sorting method. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 515-521.	2.1	4