

# Keith D Miller

## List of Publications by Year in descending order

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16  
papers

542  
citations

840776

11  
h-index

940533

16  
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16  
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16  
docs citations

16  
times ranked

708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification, Cloning, and Heterologous Expression of a Catalytically Efficient Flavonol 3-O-Galactosyltransferase Expressed in the Male Gametophyte of <i>Petunia hybrida</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 34011-34019.	3.4	115
2	Production, purification, and characterization of human scFv antibodies expressed in <i>Saccharomyces cerevisiae</i> , <i>Pichia pastoris</i> , and <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2005, 42, 255-267.	1.3	88
3	Quantum dot immunoassays in renewable surface column and 96-well plate formats for the fluorescence detection of botulinum neurotoxin using high-affinity antibodies. <i>Biosensors and Bioelectronics</i> , 2009, 25, 179-184.	10.1	67
4	Directed evolution for the development of conformation-specific affinity reagents using yeast display. <i>Protein Engineering, Design and Selection</i> , 2005, 18, 527-536.	2.1	55
5	High efficiency recovery and epitope-specific sorting of an scFv yeast display library. <i>Journal of Immunological Methods</i> , 2004, 286, 141-153.	1.4	43
6	Renewable surface fluorescence sandwich immunoassay biosensor for rapid sensitive botulinum toxin detection in an automated fluidic format. <i>Analyst</i> , The, 2009, 134, 987.	3.5	36
7	Initial Metabolism of Dimethenamid in Safened and Unsafened Wheat Shoots. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 1558-1564.	5.2	32
8	Immobilization strategies for single-chain antibody microarrays. <i>Proteomics</i> , 2008, 8, 2199-2210.	2.2	26
9	Intein-mediated one-step purification of <i>Escherichia coli</i> secreted human antibody fragments. <i>Protein Expression and Purification</i> , 2011, 76, 221-228.	1.3	18
10	Construction and Screening of Antigen Targeted Immune Yeast Surface Display Antibody Libraries. <i>Current Protocols in Cytometry</i> , 2008, 45, Unit4.7.	3.7	15
11	Identification of Metabolites of the Herbicide Safener Benoxacor Isolated from Suspension-Cultured <i>Zea mays</i> Cells 3 and 24 h after Treatment. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 3335-3341.	5.2	14
12	Conservation in divergent solanaceous species of the unique gene structure and enzyme activity of a gametophytically-expressed flavonol 3-O-galactosyltransferase. <i>Plant Molecular Biology</i> , 2002, 48, 233-242.	3.9	8
13	Flow cytometry-based methods for assessing soluble scFv activities and detecting antigens in solution. <i>Biotechnology and Bioengineering</i> , 2010, 105, 973-981.	3.3	8
14	Developing recombinant antibodies for biomarker detection. <i>Cancer Biomarkers</i> , 2010, 6, 271-279.	1.7	7
15	Synergistic capture of <i>Clostridium botulinum</i> type A neurotoxin by scFv antibodies to novel epitopes. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2456-2467.	3.3	5
16	The Use of a Photoactivatable Kaempferol Analogue to Probe the Role of Flavonol 3-O-Galactosyltransferase in Pollen Germination. <i>Advances in Experimental Medicine and Biology</i> , 2002, 505, 41-50.	1.6	5