

Jung-Kap Choi

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Direct Blue 71 staining of proteins bound to blotting membranes. <i>Electrophoresis</i> , 2000, 21, 841-845.	1.3	57
2	Detection of DNA Using a Visible Dye, Nile Blue, in Electrophoresed Gels. <i>Analytical Biochemistry</i> , 2000, 280, 322-324.	1.1	44
3	Proteome response to ochratoxin A-induced apoptotic cell death in mouse hippocampal HT22 cells. <i>NeuroToxicology</i> , 2009, 30, 666-676.	1.4	43
4	A Modified Coomassie Blue Staining of Proteins in Polyacrylamide Gels with Bismark Brown R. <i>Analytical Biochemistry</i> , 1996, 236, 82-84.	1.1	42
5	Counterion-dye staining method for DNA in agarose gels using crystal violet and methyl orange. <i>Electrophoresis</i> , 2001, 22, 855-859.	1.3	41
6	A mass spectrometry compatible silver staining method for protein incorporating a new silver sensitizer in sodium dodecyl sulfate-polyacrylamide electrophoresis gels. <i>Proteomics</i> , 2006, 6, 2334-2337.	1.3	41
7	Sensitive silver staining of protein in sodium dodecyl sulfate-polyacrylamide gels using an azo dye, calconcarboxylic acid, as a silver-ion sensitizer. <i>Electrophoresis</i> , 2004, 25, 2494-2500.	1.3	29
8	Background-free, fast protein staining in sodium dodecyl sulfate polyacrylamide gel using counterion dyes, zincon and ethyl violet. <i>Electrophoresis</i> , 2002, 23, 4053-4059.	1.3	24
9	Usefulness of visible dyes for the staining of protein or DNA in electrophoresis. <i>Electrophoresis</i> , 2004, 25, 2429-2438.	1.3	20
10	Fast visible dye staining of proteins in one- and two-dimensional sodium dodecyl sulfate-polyacrylamide gels compatible with matrix assisted laser desorption/ionization-mass spectrometry. <i>Electrophoresis</i> , 2004, 25, 1136-1141.	1.3	19
11	Phosphoprotein staining for sodium dodecyl sulfate-polyacrylamide gel electrophoresis using fluorescent reagent morin hydrate. <i>Analytical Biochemistry</i> , 2013, 435, 19-26.	1.1	17
12	Mixed-dye staining method for protein detection in polyacrylamide gel electrophoresis using calconcarboxylic acid and rhodamine B. <i>Electrophoresis</i> , 1998, 19, 2412-2415.	1.3	15
13	Previsible silver staining of protein in electrophoresis gels with mass spectrometry compatibility. <i>Analytical Biochemistry</i> , 2008, 383, 137-143.	1.1	13
14	Detection of Proteins in Polyacrylamide Gels Using Eriochrome Black T and Rhodamine B. <i>Analytical Biochemistry</i> , 1998, 263, 118-120.	1.1	12
15	Sensitive fluorescent staining for proteomic analysis of proteins in 1â€D and 2â€D SDS-PAGE and its comparison with SYPRO Ruby by PMF. <i>Electrophoresis</i> , 2008, 29, 4304-4315.	1.3	12
16	High-throughput negative detection of SDS-PAGE separated proteins and its application for proteomics. <i>Electrophoresis</i> , 2010, 31, 411-420.	1.3	12
17	Silver staining method for DNA in polyacrylamide gels using eriochrome black...T as a silver-ion sensitizer. <i>Electrophoresis</i> , 2006, 27, 1744-1748.	1.3	11
18	Fast protein staining in sodium dodecyl sulfate polyacrylamide gel using counter ion-dyes, coomassie brilliant blue R-250 and neutral red. <i>Archives of Pharmacal Research</i> , 2002, 25, 704-708.	2.7	10

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19	Alternative visualization of SDS-PAGE separated phosphoproteins by alizarin red S-aluminum (III)-appended complex. <i>Electrophoresis</i> , 2013, 34, 235-243.	1.3	10
20	Evans Blue Staining Method for Detection of Proteins on Polyacrylamide Gels with Rhodamine B. <i>Analytical Letters</i> , 1994, 27, 1265-1275.	1.0	8
21	Detection of DNA in Agarose Gels Using Berberine and Mordant Yellow 3R. <i>Analytical Biochemistry</i> , 1999, 272, 254-256.	1.1	8
22	Counterion-dye staining for DNA in electrophoresed gels using indoine blue and methyl orange. <i>Electrophoresis</i> , 2006, 27, 1739-1743.	1.3	8
23	An expanding negative detection method for the visualization of DNA in polyacrylamide gels by eosin Y. <i>Electrophoresis</i> , 2010, 31, 3450-3456.	1.3	8
24	Improved conditions for silver-ammonia staining of DNA in polyacrylamide gel. <i>Electrophoresis</i> , 2010, 31, 1662-1665.	1.3	7
25	Negative staining of lipopolysaccharides on polyacrylamide gels by using eosin B. <i>Analytical Biochemistry</i> , 2012, 426, 1-3.	1.1	7
26	Sequential double fluorescent detections of total proteins and phosphoproteins in SDS-PAGE. <i>Electrophoresis</i> , 2014, 35, 1089-1098.	1.3	7
27	Fast fluorescent staining of protein in sodium dodecyl sulfate polyacrylamide gels by palmatine. <i>Electrophoresis</i> , 2008, 29, 417-423.	1.3	5
28	A rapid and simple 8-quinolinol-based fluorescent stain of phosphoproteins in polyacrylamide gel after electrophoresis. <i>Electrophoresis</i> , 2015, 36, 2522-2529.	1.3	5
29	A Fast and Sensitive Coomassie Blue Staining for Proteins in Polyacryl-Amide Gels using Ion-Pairing Agent. <i>Analytical Letters</i> , 1996, 29, 1517-1525.	1.0	3
30	Promoted negative staining of proteins in SDS-PAGE using Eosin B compounded with magnesium chloride. <i>Electrophoresis</i> , 2010, 31, 3808-3815.	1.3	3
31	Sensitive phosphoprotein detection in SDS-PAGE via Anthracene Chrome Red A stain. <i>Electrophoresis</i> , 2017, 38, 3079-3085.	1.3	3
32	Simultaneous Detection of Phosphoproteins and Total Proteins in SDS-PAGE Using Calcon. <i>Analytical Sciences</i> , 2018, 34, 1427-1432.	0.8	3
33	Improved conditions for fluorescent staining of proteins with 4,4'-dianilino-1,1'-binaphthyl-5,5'-disulfonic acid in SDS-PAGE. <i>Electrophoresis</i> , 2008, 29, 4487-4494.	1.3	2
34	Determination of total glycyrrhetic acid in <i>Glycyrrhizae Radix</i> by second derivative UV spectrometry. <i>Archives of Pharmacal Research</i> , 1990, 13, 174-179.	2.7	1
35	Improved phosphotyrosine analysis by TLC and HPLC. <i>Archives of Pharmacal Research</i> , 1993, 16, 99-103.	2.7	1
36	Advanced negative detection method comparable to silver stain for SDS-PAGE separated proteins detection. <i>Analytical Biochemistry</i> , 2016, 510, 21-25.	1.1	1

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37	Stimulatory effect of ginsenosides on pp60c-src protein tyrosine kinase. Archives of Pharmacal Research, 1993, 16, 114-117.	2.7	0
38	Protein Staining with Calconcarboxylic Acid in Polyacrylamide Gels. Springer Protocols, 2009, , 515-520.	0.1	0
39	Counterion Dye Staining of Proteins in One- and Two-Dimensional Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis and Tryptic Gel Digestion of Stained Protein for Mass Spectrometry. Methods in Molecular Biology, 2012, 869, 497-509.	0.4	0
40	Counterion Dye Staining of Proteins in One- and Two-Dimensional Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis and Tryptic Gel Digestion of Stained Protein for Mass Spectrometry. Methods in Molecular Biology, 2018, 1853, 53-64.	0.4	0
41	Detection of Phosphoproteins in Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis Using 8-Quinolinol Stain. Methods in Molecular Biology, 2018, 1853, 65-73.	0.4	0