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DESCRIPTION

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[2] Rehm H. Protein Biochemistry and Proteomics. San Diego: Academic Press/Elsevier Inc; 2006.

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[3] Morgan JW, Hettick JM, Russell DH. Peptide sequencing by MALDI 193-nm photodissociation TOF MS. In: Burlingame AL, editor. Methods in Enzymology, vol 402: Biological Mass Spectrometry. San Diego: Academic Press/Elsevier Inc; 2005, p.186-209.

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[2] Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

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[3] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[5] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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Additional information

Standard abbreviations

Standard abbreviations allowed to be used without explanation or definition.

A absorbance

ACES 2-[(2-amino-2-oxoethyl)amino] ethanesulphonic acid

CAN acetonitrile

A/D analog to digital converter

AEBSF 4-(2-aminoethyl)benzenesulphonyl fluoride

amu atomic mass unit

ANOVA analysis of variance

API atmospheric pressure ionization

AUC area under curve

Bis N,N'-methylenebisacrylamide

bp base pairs

BSA bovine serum albumin

%C cross-linking agent (g/100 mL)/%T

CAPS 3-(cyclohexylamino)-1-propanesulphonic acid

CBB Coomassie Brilliant Blue

CCD charge-coupled device

CD circular dichroism

CE capillary electrophoresis

CEC capillary electrochromatography

CFE continuous flow electrophoresis

CHAPS 3-[(3-cholamidopropyl)dimethylammonio]-1-propanesulphonate

CHCA ?-cyano-4-hydroxycinnamic acid

CHES 2-(N-cyclohexylamino)ethanesulphonic acid

CID collision-induced dissociation

CIEF capillary isoelectric focusing

CMC critical micelle concentration

Con A Concanavalin A

CNS central nervous system
cpm counts per minute
CTAB etyltrimethylammonium bromide
CV coefficient of variation
CZE capillary zone electrophoresis
1-D one-dimensional
2-D two-dimensional
Da dalton (molecular mass)
2-DE two-dimensional electrophoresis
DIGE fluorescence difference gel electrophoresis
DGGE denaturing gradient gel electrophoresis
DMEM Dulbecco's modified Eagle medium
DMF N,N-dimethylformamide
DMSO dimethyl sulphoxide
DOC sodium deoxycholate
dsDNA double-stranded DNA
DTE dithioerithriol
DTT dithiothreitol
ECL enhanced chemiluminescence
EDTA ethylenediaminetetraacetic acid
EEO electroendosmosis
EGTA ethylene glycol-bis(?-aminoethylether)-N,N,N',N'-tetraacetic acid
EKC electrokinetic chromatography
ELISA enzyme-linked immunosorbent assay
EMSA electrophoretic mobility shift assay
EOF electroosmotic flow
ER endoplasmic reticulum
ESI electrospray ionization
EST expressed sequence tag
EUPA European Proteome Association
FAB fast atom bombardment
FACS fluorescence activated cell sorting
FBS fetal bovine serum
FCS fetal calf serum
FIGE field inversion gel electrophoresis
FITC fluorescein isothiocyanate
FT Fourier transform
FT-ICR Fourier transform-ion cyclotron resonance
GC gas chromatography
GIF graphic interchange format
GRAVY grand average hydrophobicity
GSH glutathione
GST glutathione-S-transferase
HE hematoxylin and eosin
HEPES N-(2-hydroxyethyl)piperazine-2'-(2-ethanesulphonic acid)
HPCE high-performance capillary electrophoresis
HPLC high-performance liquid chromatography
HRP horseradish peroxidase
HSA human serum albumin
HSP heat shock protein
HTML hypertext mark-up language
HUPO Human Proteome Organisation
HVR hypervariable region
ICAT isotop-coded affinity tag
ICR ion cyclotron resonance
id inside diameter
IEF isoelectric focusing
Ig immunoglobulin
IMAC immobilized metal affinity capture
IPG immobilized pH gradient

IT ion trap
iTRAQ isobaric tag for relative and absolute quantitation
kbp kilobase pairs
kDa kilodalton (molecular mass)
LC liquid chromatography
LED light-emitting diode
LOD limit of detection
LOQ limit of quantitation
mAb monoclonal antibody
MALDI-MS matrix-assisted laser-desorption ionization-mass spectrometry
Mbp megabase
MEKC micellar electrokinetic capillary chromatography
MES 2-(N-morpholino)ethanesulphonic acid
MHC major histocompatibility complex
MOPS 3-(N-morpholino)propanesulphonic acid
Mr relative molecular mass (dimensionless)
MS mass spectrometry
MS/MS tandem mass spectrometry

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