EUPA OPEN PROTEOMICS

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DESCRIPTION

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INTRODUCTION

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Example: '..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ....'
List: Number the references (numbers in square brackets) in the list in the order in which they appear in the text.
Examples:
Reference to a journal publication:
Reference to a journal publication with an article number:
Reference to a book:
Reference to a chapter in an edited book:
Reference to a website:
Reference to a dataset:

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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 dicroism
CE capillary electrophoresis
CEC capillary electrochromatography
CFE continuous flow electrophoresis
CHAPS 3-[(3-cholamidopropyl)dimethy lamonio]-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
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
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<tbody>
<tr>
<td>CTAB</td>
<td>cetyltrimethylammonium bromide</td>
</tr>
<tr>
<td>CV</td>
<td>coefficient of variation</td>
</tr>
<tr>
<td>CZE</td>
<td>capillary zone electrophoresis</td>
</tr>
<tr>
<td>1-D</td>
<td>one-dimensional</td>
</tr>
<tr>
<td>2-D</td>
<td>two-dimensional</td>
</tr>
<tr>
<td>Da</td>
<td>dalton (molecular mass)</td>
</tr>
<tr>
<td>2-DE</td>
<td>two-dimensional electrophoresis</td>
</tr>
<tr>
<td>DIGE</td>
<td>fluorescence difference gel electrophoresis</td>
</tr>
<tr>
<td>DGGE</td>
<td>denaturing gradient gel electrophoresis</td>
</tr>
<tr>
<td>DMEM</td>
<td>Dulbecco's modified Eagle medium</td>
</tr>
<tr>
<td>DMF</td>
<td>N,N-dimethylformamide</td>
</tr>
<tr>
<td>DMSO</td>
<td>dimethyl sulphoxide</td>
</tr>
<tr>
<td>DOC</td>
<td>sodium deoxycholate</td>
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<tr>
<td>dsDNA</td>
<td>double-stranded DNA</td>
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<tr>
<td>DTE</td>
<td>dithioerithiol</td>
</tr>
<tr>
<td>DTT</td>
<td>dithiothreitol</td>
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<tr>
<td>ECL</td>
<td>enhanced chemiluminescence</td>
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<tr>
<td>EDTA</td>
<td>ethylenediaminetetraacetic acid</td>
</tr>
<tr>
<td>EEO</td>
<td>electroendosmosis</td>
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<tr>
<td>EGTA</td>
<td>ethylene glycol-bis(Δ-aminoethyl)-N,N,N′,N′′-tetraacetic acid</td>
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<tr>
<td>EKC</td>
<td>electrokinetic chromatography</td>
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<tr>
<td>ELISA</td>
<td>enzyme-linked immunosorbent assay</td>
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<tr>
<td>EMSA</td>
<td>electrophoretic mobility shift assay</td>
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<tr>
<td>EOF</td>
<td>electroosmotic flow</td>
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<tr>
<td>ER</td>
<td>endoplasmic reticulum</td>
</tr>
<tr>
<td>ESI</td>
<td>electrospray ionization</td>
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<tr>
<td>EST</td>
<td>expressed sequence tag</td>
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<tr>
<td>EUPA</td>
<td>European Proteome Association</td>
</tr>
<tr>
<td>FAB</td>
<td>fast atom bombardment</td>
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<tr>
<td>FACS</td>
<td>fluorescence activated cell sorting</td>
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<td>FBS</td>
<td>fetal bovine serum</td>
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<td>FCS</td>
<td>fetal calf serum</td>
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<td>FIGE</td>
<td>field inversion gel electrophoresis</td>
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<td>FITC</td>
<td>fluorescein isothiocyanate</td>
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<td>FT</td>
<td>Fourier transform</td>
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<tr>
<td>FT-ICR</td>
<td>Fourier transform-ion cyclotron resonance</td>
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<tr>
<td>GC</td>
<td>gas chromatography</td>
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<td>GIF</td>
<td>graphic interchange format</td>
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<tr>
<td>GRAVY</td>
<td>grand average hydrophobicity</td>
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<tr>
<td>GSH</td>
<td>glutathione</td>
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<tr>
<td>GST</td>
<td>glutathione-S-transferase</td>
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<td>HE</td>
<td>hematoxylin and eosin</td>
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<td>HEPES</td>
<td>N-(2-hydroxyethyl)piperazine-2'- (2-ethanesulphonic acid)</td>
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<tr>
<td>HPCE</td>
<td>high-performance capillary electrophoresis</td>
</tr>
<tr>
<td>HPLC</td>
<td>high-performance liquid chromatography</td>
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<td>HRP</td>
<td>horseradish peroxidase</td>
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<td>HSA</td>
<td>human serum albumin</td>
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<tr>
<td>HSP</td>
<td>heat shock protein</td>
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<tr>
<td>HTML</td>
<td>hypertext mark-up language</td>
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<tr>
<td>HUPO</td>
<td>Human Proteome Organisation</td>
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<tr>
<td>HVR</td>
<td>hypervariable region</td>
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<tr>
<td>ICAT</td>
<td>isotop-coded affinity tag</td>
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<tr>
<td>ICR</td>
<td>ion cyclotron resonance</td>
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<tr>
<td>id</td>
<td>inside diameter</td>
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<td>IEF</td>
<td>isoelectric focusing</td>
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<tr>
<td>Ig</td>
<td>immunoglobulin</td>
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<tr>
<td>IMAC</td>
<td>immobilized metal affinity capture</td>
</tr>
<tr>
<td>IPG</td>
<td>immobilized pH gradient</td>
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<tr>
<td>IT</td>
<td>ion trap</td>
</tr>
<tr>
<td>iTRAQ</td>
<td>isobaric tag for relative and absolute quantitation</td>
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</table>
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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