

Recent patent applications in proteomics

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
WO 2008072209	A method for identifying and/or quantifying a target analyte present in sample by contacting the analyte with a probe molecule immobilized on a support and detecting the fluorescence signal induced in the spectral emission region of the fluorophore bound to the analyte.	Consiglio Nazionale delle Ricerche–Istituzione nazionale per la Fisica della Materia (Genoa, Italy), Fondazione Istituto Italiano di Tecnologia (Genoa, Italy)	Calabi F, Cingolani R, Pompa PP, Rinaldi R, Sabela S	12/14/2006	8/21/2008
EP 1946843, US 20080184809	A method for monitoring and measuring the volume of liquid dispensed from a liquid-dispensing system, involving using an optical housing unit to measure the volume of dispensed liquid while the liquid maintains a cylindrical or quasi-cylindrical jet shape.	Allegro Research (Dublin)	Franken C, Shvets I, Zawada TP, Shvets IV	12/21/2006	7/23/2008, 8/7/2008
US 20080176229	A method of predicting the likelihood that a patient who is a candidate for treatment with an endothelial growth factor receptor (EGFR) inhibitor will respond to treatment, comprising determining the expression level of the transcript of STAT5B, or its expression product, in cancer cells obtained from the patient.	Agus D, Baker J, Cronin M, Shak S	Agus D, Baker J, Cronin M, Shak S	2/6/2004	7/24/2008
US 20080161206	A nominal scale factor determination method useful for reading biopolymeric (e.g., polypeptide and nucleic acid) arrays, involving collecting nominal scale factors for multiple dyes based on a recorded program; useful in genomics and proteomics.	Connell SD, Corson JF, Ghosh S	Connell SD, Corson JF, Ghosh S	12/23/2002	7/3/2008
US 20080156978	An interface apparatus for a differential mobility spectrometry (DMS) analyzer having electrodes with a gap to which ions are focused toward the median of the gap before and/or after at least one DMS analyzer.	Ibrahim YM, Shvartsberg AA, Smith RD, Tang K	Ibrahim YM, Shvartsberg AA, Smith RD, Tang K	12/29/2006	7/3/2008
WO 2008079407	A method of comparing multiple mass spectra from different samples by using the daughter fragment mass spectrum to establish amino acid sequence data for identifying a peptide corresponding to a peak of interest in the single aligned mass spectrum.	Graves SW	Esplin MS, Graves SW, Thulin CD	12/26/2006	7/3/2008
WO 2008079269	A new set of descriptor genes combined into groups; useful for sub-categorizing breast cancers and identifying signals with bi- and multi-modal patterns across a set of high-throughput molecular data produced from biological samples.	Bugrim A, Nikolskaya T, Nikolsky Y	Bugrim A, Nikolskaya T, Nikolsky Y	12/19/2006	7/3/2008
WO 2008074861, FR 2910455	A method for forming nonaligned microcavities/microchannels, involving forming a shaft and/or trench in an amorphous or monocrystalline layer and annealing the layer in a hydrogenated atmosphere so as to transform the shaft and/or trench into two microcavities.	Commissariat à l'Énergie Atomique (Gif-sur-Yvette, France)	Barbe J, Barbe JC, de Crecy F, Dornel E, Eymery J	12/21/2006	6/26/2008, 6/27/2008
JP 2008122347	A method of immobilizing a protein on a conductive resin film having a light transmittance of predetermined wavelength; useful for preparing biosensors.	Sony (Tokyo)	Negishi M, Shimura J, Tokita Y	11/15/2006	5/29/2008
WO 2008058332	A method of diagnosing diabetes, complications associated with diabetes or a predisposition of a subject to develop diabetes by detecting a difference in the level of biomarkers in a biological sample to a statistically validated threshold.	Autogen Res. Pty. Ltd. (Brighton, Victoria, Australia)	Blangero J, Collier GR, Curran JE, Jowett JBM, Moses EK, Shields KA, Walder KR	11/14/2006	5/22/2008
WO 2008053150	A microfabricated device or its component that has a uniform nonwetting or nonabsorbing coating or surface modification formed at the surface by ionization or activation processing, to produce a surface energy value of less than 15 mNm ⁻¹ .	P2I Ltd. (Abingdon, UK)	Coulson S	10/28/2006	5/8/2008

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