

Some Examples of published Research Papers Using ELIT electrochemical products

Results from Google Search for “ELIT Analysers” and “ELIT ION-Selective Electrodes”
CCR, August 2015

{PDF} [Further details concerning the syntheses of macrocycles 3 ...](#)

[Cationic Cyclocholamides; Toroidal Facial Amphiphiles with Potential for Anion Transport](#)

www.rsc.org/suppdata/cc/b8/b805777j/b805777j.pdf

Engineering Solvent Purification **System**, or by reflux over a standard drying agent and then distillation as Nico2000 **ELIT Ion Analysers**. The “2 channel” ...

[A Hybrid System Based on an Electronic Nose Coupled with ...](#)

[A Hybrid System Based on an Electronic Nose Coupled with an Electronic Tongue for the Characterization of Moroccan Waters](#)

www.researchgate.net/publication/262886306_A_Hybrid_System_Based_o...

6 Jun 2014 - Afterwards, the electronic tongue, based on series of **Ion-Selective-Electrodes** was applied to the analysis of the same waters. Multisensor ...

[PDF \(852 K\) - Scientific Research Publishing](#)

[Characterization and Classification of Groundwater from Wells Using an Electronic Tongue \(Kairouan, Tunisia\)](#)

www.scirp.org/journal/PaperDownload.aspx?paperID=6260

by K Sghaier - 2011

appropriate control **system** able to point out any variation occurring in the water ... thanks to an **Ion-Analyser ELIT 9808 (8-Channel Ion-. Analyser)** which is a ...

[\[PDF\] Zhabotinsky Reaction - Chemical Science Transactions](#)

[Effect of Surfactants on the Oscillatory Behaviour of Metal-ion Catalyzed Pyrogallol based Belousov- Zhabotinsky Reaction](#)

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Received 24 March 2014 / Accepted 21 April 2014

www.e-journals.in/pdf/V3N4/1474-1482.pdf

21 Apr 2014 - dynamic **systems**, have been the focus of much research in the area of directly connected to a four channel **ion analyser (ELIT 9804)**.

[hypofunction in model - Wiley Online Library](#)

[Acute salivary gland hypofunction in the duct ligation model in the absence of inflammation](#) PN

Correia, GH Carpenter, SM Osailan, KL Paterson and GB Proctor onlinelibrary.wiley.com > ... > *Oral*

Diseases > Vol 14 Issue 6 > Abstract 22 Jan 2008 - The concentration of chloride **ions** in the saliva samples was assayed using an ... (**ELIT Ion Analyser**, Nico 2000 Ltd, Harrow, UK), eight channel **ion analyser** and involve interaction of immune and neurosecretory **systems**.

Patent WO2007144856A2 - Cleaning and / or treatment ...

Cleaning and / or treatment compositions comprising mutant alpha-amylases

WO 2007144856 A2

ABSTRACT: This invention relates to compositions comprising certain amylase variants and processes for making and using such compositions including the use of such compositions to clean and/or treat a situs.

www.google.com/patents/WO2007144856A2?cl=en 21 Dec 2007 - non **ionic** surfactants preferably alcohol ethoxylates, said alcohol ethoxylates may comprise one or more detergent builders or builder **systems**. as **ELIT 201**); **ELIT Computer Interface/Ion Analyser** attached to a Dell PC.

[PDF]Assessing the Potential for Ion Selective Electrodes and ...

www.mdpi.com/2077-0472/3/3/327/pdf

Assessing the Potential for Ion Selective Electrodes and Dual Wavelength UV Spectroscopy as a Rapid on-Farm Measurement of Soil Nitrate Concentration

by R Shaw - 2 Jul 2013 - in most farming **systems** and both under- and over-use of N fertilisers can ISE (**ELIT 8021**) with a solid state PVC polymer matrix membrane ... °C. The ISE and RE were coupled with a multi-channel **analyser** (6+6-Channel).

Poster Presentation — ASN Events

asmicro-2014.p.asnevents.com.au/days/2014-07-08/abstract/13832

Comparison of conventional continuous pH measurement with fluorimetric and colorimetric microplate methodologies for monitoring activity of lactic acid bacteria

8 Jul 2014 - The **ELIT 8-channel ion/pH analyser** is able to continuously monitor pH ... This **system** uses a flexible multisample layout capable of handling ...

Cubozoan Venom-Induced Cardiovascular Collapse Is ...

journals.plos.org/plosone/article?id=10.1371/journal.pone.0051368

Cubozoan Venom-Induced Cardiovascular Collapse Is Caused by Hyperkalemia and Prevented by Zinc Gluconate in Mice by AA Yanagihara - 12 Dec 2012 - ... an AKTA Purifier high-pressure liquid chromatography (HPLC) **system** (GE using a double-junction potassium **ion**-specific electrode (**ELIT 8031** with ... UK) and 4-channel **Ion Analyser** Software (Version 7.1.44sa, 2006).

[PDF]The effect of light on nitrate uptake by wheat roots

<https://pbsociety.org.pl/journals/index.php/asbp/article/viewFile/.../1888>

by J Li - 2013 -

of minutes would not be visible in their **system** because of the variability of the measured an **Ion/pH-Analyser ELIT 9801** (EA Instruments Ltd., UK), calibrated ...

[PDF]Marc Marie-Maurice, Meledge Essi

www.chalcogen.ro/25_Essi-V.pdf

CHEMICAL SENSOR FOR THE DETERMINATION OF TOXIC SPECIES IN SOLUTION

by MMMM ESSI 22 Jan 2011 - All solid state **ion** sensor based on a sensitive chalcogenide glass ... on the base of chalcogenide glass from the CdS-AgI-Ag₂S-As₂S₃ **system**. ... electron probe micro-**analyser** employing five wavelength-dispersive spectrometers was used for Potentiometric responses of **Elit 8241** electrode [1] and bulk ...

[The effect of anoxia and anaerobia on ciliate community in ...](#)

The effect of anoxia and anaerobia on ciliate community in biological nutrient removal systems using laboratory-scale sequencing batch reactors (SBRs)

edepositireland.ie/.../The%20effect%20of%20anoxia%20and%20anaerobia...

by NF GRAY - 2011 community in biological nutrient removal **systems** using laboratory-scale were connected to the computer through an **analyser** (8 Channel **Analyser ELIT 9808**, ... **ion-selective electrode (ELIT 8051**, Nico 2000) and nitrate concentrations ...

[PDF\]Towards an automated, standardized protocol for ... - MIT](#)

Towards an automated, standardised protocol for determination of equilibrium potential of Ion-Selective electrodes

web.mit.edu/hemond/www/docs/towards_automated.pdf

by AV Mueller 2 Mar 2011 - **ion selective electrodes** (ISEs) now exist for measurement of a Calibration curves for four **ELIT** ISEs in their respective salts (3 error bars).

[\[PDF\]Potentiometric Utility of the New Solid-State Sensor Based ...](#)

Potentiometric Utility of the New Solid-State Sensor Based on Crowned Ionophore for the Determination of K⁺

journals.tubitak.gov.tr/chem/issues/kim-08-32.../kim-32-5-1-0711-2.pdf

by B KEMER - 2008 -

The construction of the **ion selective electrode** membrane was organized ... measurements were carried out at room temperature with an Ionmeter (**ELIT 9808**,.

[\[PDF\]increasing ion selective electrodes performance using ...](#)

INCREASING ION SELECTIVE ELECTRODES PERFORMANCE USING NEURAL NETWORKS

computingonline.net/index.php/computing/article/viewFile/158/139

by O Postolache - 2014

measuring system that uses **ion selective electrodes** (ISEs) as sensing elements of heavy metal ions ... such as **ELIT**, which detect the ions (i.e. Pb⁺²,Cd⁺²,.

[\[PDF\]Levels of fluoride in various sources of drinking water ...](#)

Levels of fluoride in various sources of drinking water available in Chennai – A household survey

joaor.org/userfiles/3.Dr.%20Sunayana%20Manipal_1.pdf

by S Manipal - and different brands of packaged drinking water were tested for fluoride using the **ion-Selective. Electrode** for fluoride **ion (ELIT 8221** crystal membrane) at the ...

[Electronic Calcium Monitoring by Randy Holmes-Farley](#)

reefkeeping.com/issues/2005-04/rhf/index.htm

The technology to measure calcium with **ion selective electrodes** has been around ... Technical Specifications for the **ELIT 8041 Calcium Ion-Selective Electrode**.

[BMC Public Health | Full text | Alimentary Fluoride Intake in ...](#)

Alimentary fluoride intake in preschool children

www.biomedcentral.com/1471-2458/11/768 by E Oganessian 6 Oct 2011

- ... potentiometrically by means of a fluoride **ion selective electrode**. a combined fluoride selective electrode **ELIT 8221** (Nico, USA) with a ...

[PDF] [Current Methods for Analysis of Enzymatic Peptidyl-tRNA ...](#)

[Determination of Heavy Metals in Blood, Urine and Water Samples by Inductively Coupled Plasma Atomic Emission Spectrophotometer and Fluoride Using Ion-Selective Electrode.](#)

Akan JC*, Sodipo OA, Liman Y and Chellube ZM Department of Chemistry, University of Maiduguri, P.M.B 1069, Maiduguri, Borno State, Nigeria

www.omicsonline.org/.../determination-of-heavy-metals-in-blood-urine-...

by JC Akan -4 Oct 2014 - **Ion-Selective Electrode** for fluoride ion (**ELIT 8221** crystal membrane). Reference electrode: single junction silver chloride (**ELIT 001**).

[PDF] [a practical approach to ion selective electrodes ... - imeko](#)

[A PRACTICAL APPROACH TO ION SELECTIVE ELECTRODES PERFORMANCE IN STATIC AND DYNAMIC CONDITIONS](#) www.imeko.org/publications/wc-2003/PWC-2003-TC4-042.pdf

by O Postolache - 22 Jun 2003 - **Ion-selective electrodes** (ISE) are analytical tools that allow the determination of a ... Pb⁺² ions, the sensor tested ISE (**ELIT8231** or **ELIT 8241**).

[Achieving pH control in microalgal cultures through fed ...](#)

[Achieving pH control in microalgal cultures through fed-batch addition of stoichiometrically-balanced growth media](#) [www.ncbi.nlm.nih.gov/NCBI/Literature/PubMed Central \(PMC\)](http://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral(PMC))

by ML Scherholz - 7 May 2013 - Online pH was measured using Cole-Parmer pH electrodes with ...

The Nico2000 Nitrate ISE (**ELIT 8021**) and liquid double junction reference electrode (**ELIT 003**) ...

The **ion selective electrode** was calibrated using three ...

[The Effect of Counterion, Concentration, and Temperature ...](#)

[The Effect of Counterion, Concentration, and Temperature on the Release of Bioavailable Calcium and Phosphate Ions from Ion Permeable Microcapsules for Remineralization](#)

pubs.acs.org/doi/pdf/10.1021/bk-2013-1148.ch01

An **ELIT 1265** calcium specific electrode was used for calcium ion detection. An Harwood, J.

E. Use of an **ion-selective electrode** for routine fluoride analyses.

[Review - ACM Digital Library - Association for Computing ...](#)

[Evaluation of sensing technologies for on-the-go detection of macro-nutrients in cultivated soils](#)

dl.acm.org/citation.cfm?id=1672389 by JV Sinfield - 1 Jan 2010 - Potential uses of ion-selective

K electrodes in soil fertility Nico2000 Ltd. Technical Specifications for the Nitrate **Ion-Selective Electrode (ELIT ...**

[PDF] [Halophyte Biomass - Tokyo University of Agriculture](#)

[Halophyte Biomass - A Promising Source of Renewable Energy -](#)

nodaiweb.university.jp/desert/pdf11/231-235_Akinshina_r.pdf

by N AKINSHINA - measurement for **ion-selective electrodes (Elit-031 (K+);. Elit-261 (Cl-) ...**

because selective uptake of sodium (and chloride) ions is one of the important ...

[PDF] [Title Page Title: Ion permeable microcapsules for the ...](#)

[Ion permeable microcapsules for the release of biologically available ions for remineralization](#)

chemistry.creighton.edu/oldchemweb/...11/DavidsonBaumann2011.pdf

used for the calcium ion; An **ELIT 8221** fluoride specific electrode was used for the Use of an

Ion-Selective Electrode for routine fluoride analyses on water.

[PDF] [QUANTITATIVE DETERMINATION OF METALS IONS ...](#)
[QUANTITATIVE DETERMINATION OF METALS IONS USING Fe \(III\)/ Fe \(II\) REDOX](#)
[TITRATION SYSTEM WITH A PLATINUM ELECTRODE](#)

M. M. El Jamal¹, H. H. Hammud²

dl.uctm.edu/journal/node/j2007-1/17-Jamal-97-104.pdf

by MM El Jamal - 2007 - 20 Feb 2007 - stant fiormation, in contrast to Cerium **system** where only Ce (III) fiorms complex ... **Elit** 8-channels **ions analyser** (reading ± 0.01 pH or. mV unit).

[PDF] [Thermo- and cathodoluminescence properties of lepidolite](#)

digital.csic.es/bitstream/10261/83332/1/440367.pdf by Y Rodríguez Lazcano - 18 Apr 2013

- of potassium ions, where all the three octahedral sites are occupied by the ... **Ion-Selective Electrode (ELIT 8221)** on free fluorine element ...

[View/Open - UNEJ Digital Repository](#)

[Ion Selective Electrodes As Analytical Tools For Rapid Analysis of Soil Nutrients](#)

repository.unej.ac.id/bitstream/handle/.../siswoyo-ISNPINSA-2.pdf?...1

by S Siswoyo - 2012 - **Ion Selective Electrodes** As Analytical Tools For Rapid Analysis of the soil nutrient ions was performed using the commercially available ISE **ELIT** brand (Nico ...

[Full Text - IDOSI Publications](#)

[Variation of Some Minerals Values in Subclinical Mastitic Milk of Buffalo during Different Ages and Lactation Stages](#)

[idosi.org/gv/GV8\(4\)12/3.pdf](http://idosi.org/gv/GV8(4)12/3.pdf) by B Eshratkhah - 2012

-was determined by the **Ion-Selective electrode (ISE)** of normal buffalo was 38.92 ± 0.20 (mg/dl)

[1] and in normal method using **Elit** ion analyzer (Nico 2000,UK).

[Genotoxicity of polyvinylpyrrolidone-coated silver ...](#)

[Genotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in BEAS 2B cells](#)

www.sciencedirect.com/science/article/pii/S0300483X12003691

by P Nymark - 2013 -

Hence, the size and coating of the particles will affect the efficiency of ion using a Ag⁺ ISE (**ion selective electrode**) (**ELIT 8211**, Nico 2000 Ltd, London, UK) ...

[\]bioresources.com](#)

[Ion permeable microcapsules for the release of biologically available ions for remineralization](#)

https://www.ncsu.edu/.../BioRes_08_1_1147_Patrulea_Optim_Removal_Cu...

by V Patrulea - 22 Jan 2013 - The paper examines copper **ion** removal and recovery from mining waters using **ELIT 8227** and a double junction reference **electrode** type **ELIT 003 N** (NICO2000 Ltd., UK). "Cd-**ion selective** membrane **electrode**.

[View - OhioLINK Electronic Theses and Dissertations Center](#)

[Development of electrochemical sensors and sensor systems](#)

https://etd.ohiolink.edu/!etd.send_file?accession...disposition=inline

by A Doepke - 2012 indirectly using an **ion selective electrode** for pH. Measurements from ... The multi-channel potentiometer, an **ELIT 4-Channel Ion Analyzer** from NICO 2000.

[PDF]ELECTRODIC MEMBRANES SELECTIVE FOR Ag AND ...

ELECTRODIC MEMBRANES SELECTIVE FOR Ag⁺ AND THEIR APPLICATIONS IN VITAMIN CONTENT POTENTIOMETRIC DETERMINATION

www.scientificbulletin.upb.ro/rev_docs_arhiva/full32981.pdf

by ION Alina Catrinel -

The characteristics of a new Ag⁺-**ion selective electrode** obtained using dodecyl Potentials were determined using an **Elit** interface 8801 pH-meter. The data.

[PDF]The effect of different starch levels on oxygen ... - SLU

The effect of different starch levels on oxygen consumption and nitrogen excretion of Eurasian perch (*Perca fluviatilis*)

stud.epsilon.slu.se/5352/11/keihani_r_130314.pdf

by R Keihani - 2013

For ammonium measurement, **ELIT** 8 Channel Ion/pH Analyzers. (NICO2000 Ltd, London, UK) and its ammonium **Ion-Selective electrodes** (Concentration.