

URB 2009 Award list

36613	Dr Marcus J Allen	Department of Biosciences	University of Kent	Investigating the C-terminal microtubule-binding domain of Ssp4	1,440.00
36614	Dr Mark McCartney	School of Computing and Mathematics	University of Ulster	Instability in mathematical models for traffic flow on a loop	1,440.00
36617	Dr Mark Blyth	School of Mathematics	University of East Anglia	Mathematical analysis of digestion in the lower part of the stomach	1,440.00
36618	Dr Sally Cutler	School of Health and Bioscience	University of East London	Molecular characterisation of a Rickettsia-like organism detected in the African soft tick Ornithodoros moubata.	1,520.00
36624	Dr Martin Schroeder	School of Biological and Biomedical Sciences	Durham University	How transmembrane proteins sense endoplasmic reticulum stress	1,440.00
36625	Dr Russell Hutter	Institute of Psychological Sciences	University of Leeds	Implicit and Explicit Stereotype Threat: Working Memory and Motivational Processes	1,440.00
36627	Dr David Evans	Department of Biological Chemistry	John Innes Centre	Novel functional nanobuilding blocks: preparation, characterisation and quantification of enzyme-virus nanoparticle hybrids	1,080.00
36630	Professor Ian Manners	School of Chemistry	University of Bristol	Thermal and transition-metal catalysed ring-opening polymerisation of strained metallocenophanes	1,440.00
36631	Dr Andrew C Benniston	School of Chemistry	Newcastle University	Preparation of difluorosilcondipyrromethene (SIDIPY): A new cationic fluorescent dye for sensor applications	1,440.00
36632	Dr Anthony Kenyon	Department of Electronic and Electrical Engineering	University College London	Photoluminescence studies of doped silicon nanoclusters for photonics applications	1,520.00
36634	Professor David L Andrews	School of Chemical Sciences and Pharmacy	University of East Anglia	Fluctuations in Optically Induced Forces	1,440.00
36638	Professor Stephen Hunt	Research Department of Cell and Developmental Biology	University College London	Local translation of mRNA in adult sensory axons	1,520.00
36639	Professor George Fleet	Department of Chemistry	University of Oxford	Combating glycolipid storage disorders: chemical chaperones for the treatment of Tay-Sachs and Sandhoff diseases. Towards specific inhibition of individual hexosaminidases	1,440.00

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36640	Dr Philip Jones	Department of Physics and Astronomy	University College London	Optical nanofibres	1,520.00
36645	Dr Houria Ziaepour	Department of Space and Climate Physics	University College London	Numerical simulation of gamma-ray bursts	1,440.00
36646	Dr Sean Bew	School of Chemical Sciences and Pharmacy	University of East Anglia	Heterocyclic Synthesis using Gold Complexes	1,440.00
36647	Dr Joanna Ashbourn	Department of Engineering Science	University of Oxford	Mathematical modelling of cell aggregates in bone tissue engineering using continuum methods	1,440.00
36649	Dr Paul Williams	Department of Meteorology	University of Reading	Highs and lows: atmospheric flow transitions under the influence of noise	1,440.00
36650	Dr Bridget Waller	Department of Psychology	University of Portsmouth	Faking it: analysing the muscle movements of smiling in persuasive contexts	1,440.00
36651	Dr Vitaly Kudryavtsev	Department of Physics and Astronomy	University of Sheffield	Designing a large-scale dark matter experiment	1,440.00
36653	Dr Diana Shaul	High Energy Physics Group	Imperial College London	Cosmic ray flux analysis for LISA	1,520.00
36655	Dr Alexandre Schaefer	Institute of Psychological Sciences	University of Leeds	The role of attentional mechanisms in the formation of emotional memories: an electrophysiological approach.	1,440.00
36658	Dr Ruth Baker	Mathematical Institute	University of Oxford	Mathematical models for cranial neural crest migration	1,080.00
36659	Dr Mason Porter	Mathematical Institute	University of Oxford	Wave propagation in one-dimensional granular crystals	1,440.00
36661	Dr Jeroen Van Duijneveldt	School of Chemistry	University of Bristol	Fluorescent clay rods as a new model to characterise liquid crystal structure	1,440.00
36662	Dr Veronique Gouverneur	Department of Chemistry	University of Oxford	Asymmetric fluorocyclisations	1,440.00
36663	Dr Anja Mueller	School of Chemical Sciences and Pharmacy	University of East Anglia	Investigation into gene transfection with functionalised multicalixarenes	1,260.00
36665	Professor Ulf Leonhardt	School of Physics and Astronomy	University of St Andrews	Quantum levitation	1,080.00
36666	Dr Herbert Gangl	Department of Mathematical Sciences	Durham University	Relations for multiple zeta values via Feynman parametrization	1,440.00
36667	Dr Stephen Gourley	Department of Mathematics	University of Surrey	Birth rate distribution and ecological competition	1,440.00

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36668	Dr Peter Hydon	Department of Mathematics	University of Surrey	Algorithms for constructing Lie algebra automorphisms	1,440.00
36670	Dr Tomoyuki Tanaka	Wellcome Trust Centre for Gene Regulation and Expression	University of Dundee	Molecular mechanisms of kinetochore-microtubule interaction	1,440.00
36672	Dr Timothy Constandinou	Institute of Biomedical Engineering	Imperial College London	Towards a visual hearing aid@ feasibility and concept design	1,520.00
36673	Dr Helen St Clair-Thompson	Department of Psychology	University of Hull	The ability of working memory tasks to predict children's aptitudes	1,260.00
36675	Dr Simon Moxon	School of Computing Sciences	University of East Anglia	Assessing the accuracy of de novo small RNA locus assembly from high-throughput sequencing data	1,440.00
36676	Dr Barry Lygo	School of Chemistry	University of Nottingham	Efficient Methods for the Synthesis of Substituted Pyrrolidines	1,440.00
36679	Dr Christopher Hughes	Department of Mathematics	University of York	The value distribution of the Riemann zeta function	1,440.00
36681	Professor Andrew Collier Cameron	School of Physics and Astronomy	University of St Andrews	Taking the temperatures of extra-solar planets with th Spitzer Space telescope	1,440.00
36682	Dr Philip Lightfoot	School of Chemistry	University of St Andrews	Synthesis of New Multiferroic Materials in the Langasite Family	1,440.00
36685	Professor Christopher Moody	Department of Organic and Biological Chemistry	University of Nottingham	Chemical synthetic approaches to the dilemmaones - unusual natural products from a sponge	1,440.00
36686	Dr Philip Donoghue	Department of Earth Sciences	University of Bristol	Rocks and clocks: developing the use of geological data for priors in Bayesian molecular clock analyses	1,440.00
36687	Dr Andrew Turnell	Division of Cancer Studies	University of Birmingham	Investigating roles for the APC/C and TRIM33 E3 ubiquitin ligases in DNA replication	1,440.00
36688	Dr Wesley Moran	Department of Chemical and Biological Sciences	University of Huddersfield	Total synthesis of the anti-cancer agent Cladoniamide G	1,440.00
36689	Dr Tim Snape	School of Pharmacy and Pharmaceutical Sciences	University of Central Lancashire	The development of asymmetric Truce-Smiles rearrangement for the alpha-arylation of carbonyl compounds	1,440.00
36690	Dr Roger Buxton	Division of Mycobacterial Research	National Institute for Medical	Investigation of the control of transcription of a gene coding for a resusciation promoting	1,520.00

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			Research	factor by the cAMP receptor protein	
36691	Dr Claire Vallance	Department of Chemistry	University of Oxford	Imaging mass spectrometry	1,440.00
36693	Dr Phil Mitchell	Department of Molecular Biology and Biotechnology	University of Sheffield	Mapping of phosphorylation sites within the yeast RNA-binding protein Rrp47	1,440.00
36694	Dr Michael Hill	Department of Chemistry	University of Bath	Carbon dioxide as a C1 feedstock in Group 2 catalysis	1,440.00
36695	Dr Bernhard Koeck	School of Mathematics	University of Southampton	Polynomial identities in Riemann-Roch theory	1,440.00
36697	Professor Gareth Jones	School of Mathematics	University of Southampton	Operations on regular maps	1,440.00
36698	Dr Christine Currie	School of Mathematics	University of Southampton	Geospatial modelling of tuberculosis transmission in a high HIV prevalence setting	1,080.00
36700	Dr Christopher Voll	School of Mathematics	University of Southampton	Poles of zeta functions of groups and rings	1,080.00
36701	Dr Stuart Norcross	School of Computer Science	University of St Andrews	User controlled document versioning in a distributed data store	1,440.00
36702	Dr Torsten Krude	Department of Zoology	University of Cambridge	Functional characterisation of a novel hY RNA binding protein	1,440.00
36703	Dr Paul Elliott	Department of Chemical and Biological Sciences	University of Huddersfield	Preparation and colour tuning in luminescent iridium (III) and platinum (II) complexes with potential applications in electronic display devices	1,440.00
36704	Dr Henrik Gollee	Department of Mechanical Engineering	University of Glasgow	Automatic abdominal stimulation for respiratory support in tetraplegia	1,440.00
36706	Dr Carl Schaschke	Department of Chemical and Process Engineering	University of Strathclyde	Evaluation of an ultra high-pressure viscometer for both viscosity and density measurement	1,440.00
36708	Dr Sarah Logan	Department of Psychology	University of Hull	Examining the effects of reading instruction on children's reading strategies and the biological basis of different reading strategies	1,440.00
36711	Dr Phil Uttley	School of Physics and Astronomy	University of Southampton	Probing the radio loudness of galaxies in the Palomar survey	1,440.00
36713	Dr Paul Millner	Research Institute of Membrane and Systems Biology	University of Leeds	Determination of hydrodynamic size of nanoparticles as basis for a	1,440.00

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				novel, label-free biosensor	
36714	Dr Catherine Green	Department of Zoology	University of Cambridge	A possible function for the ubiquitination of polymerase eta - recruitment of polymerase iota?	1,440.00
36715	Dr Michelle Peckham	Research Institute of Molecular and Cellular Biology	University of Leeds	The role of RhoE in myoblast fusion	1,440.00
36716	Dr Edryd Stephens	School of Geography and Geosciences	University of St Andrews	Could exploitable hot rock geothermal energy sources be present in the granites of Scotland?	1,080.00
36718	Dr Mark Haw	Department of Chemical and Process Engineering	University of Strathclyde	Squeeze flow of soft materials	1,440.00
36719	Professor Peter Hancock	Department of Psychology	University of Stirling	Overcoming the own race bias in forensic face matching	1,080.00
36720	Dr Robert Davies	Department of Chemistry	Imperial College London	Molecular Fuel Tanks	1,520.00
36723	Dr Steven Ennion	Department of Cell Physiology and Pharmacology	University of Leicester	Functional characterisation of truncated chimeric lower organism P2X ion channels to probe the mechanisms of current desensitisation	1,440.00
36725	Dr Ines Jentsch	School of Psychology	University of St Andrews	Temporal dynamics of cognitive interference after conflict and errors	1,440.00
36726	Dr Jan Verlet	Department of Chemistry	Durham University	Femtosecond photoelectron imaging of multiply charged anions	1,440.00
36729	Dr Hugh Greenwell	Department of Chemistry	Durham University	Adsorption and concentration of amino acids by layered minerals@prebiotic pathways to peptides	1,440.00
36731	Professor Colin Bain	Department of Chemistry	Durham University	Surfactant effects in wetting on short timescales	1,440.00
36732	Professor Andrew T Smith	Department of Psychology	Royal Holloway, University of London	Processing self-motion in the human brain	1,520.00
36733	Dr Steven Cobb	Department of Chemistry	Durham University	Tetrafluoropyridyl-glycine: a new peptide building block	1,440.00
36737	Dr John S Snaith	School of Chemistry	University of Birmingham	Studying sperm motility with photolabile caged compounds	1,440.00

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36738	Dr Steve Milan	Department of Physics and Astronomy	University of Leicester	Dynamics of the earth's auroral oval as observed by the NASA IMAGE mission	1,440.00
36740	Dr Gail McConnell	Strathclyde Institute of Pharmacy and Biomedical Sciences	University of Strathclyde	Design and development of a novel laser technology for optimised two-photon excitation of red fluorescent proteins for improved bio-imaging	1,440.00
36742	Dr Guennadi Borissov	Department of Physics	Lancaster University	Study of CP violation phenomena at Dzero experiment	1,440.00
36743	Dr Oscar Ces	Department of Chemistry	Imperial College London	Biophysical studies of drug-membrane interactions	1,520.00
36744	Thomas Schenk	Cognitive Neuroscience Research Unit	Durham University	Is visual form agnosia a purely perceptual disorder? Testing an alternative interpretation of the perception/action dissociations found in patient DF	1,440.00
36746	Dr Magnus W P Bebbington	School of Engineering and Physical Sciences - Chemistry	Heriot-Watt University	Synthesis and characterisation of model biological systems for studies of ultraviolet photo-damage	1,440.00
36748	Dr Keith Grainge	Department of Physics	University of Cambridge	The radio source population at 90 GHz	1,440.00
36749	Dr Nguyen T K Thanh	The Davy Faraday Research Laboratory	Royal Institution of Great Britain	Synthesis of small anisotropic shape nanoparticles (NP) for biomedical applications	1,520.00
36750	Dr Claudia Wulff	Department of Mathematics	University of Surrey	Approximate energy conservation for symplectic discretizations of semilinear wave equations	1,440.00
36751	Dr David McPhail	Department of Materials	Imperial College London	Laser cleaning of stone sculptures - a scientific study using non-invasive surface analysis tools	1,330.00
36752	Dr Michael Weir	School of Computer Science	University of St Andrews	Incorporating human plasticity into agile robot movements	1,440.00
36754	Dr William Austin	School of Geography and Geosciences	University of St Andrews	A physio-chemically stable seawater culturing system for marine Ostracoda: Improving Palaeo-Proxies.	1,080.00
36755	Dr Nick E Barraclough	Department of Psychology	University of Hull	Does the mirror neuron system integrate the sight and sound of actions?	1,440.00
36756	Dr Andrew J Baker	Department of Mathematics	University of Glasgow	Symmetry groups of fans in root lattices and toric geometry.	1,440.00

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36757	Dr Buddhika Hewakandamby	School of Chemical and Environmental Engineering	University of Nottingham	Generating near-monodispersed double emulsions using microfluidic control device	1,440.00
36759	Dr Benjamin Klopsch	Department of Mathematics	Royal Holloway, University of London	Diameters of orbital graphs and other invariants of graphs associated to groups	1,520.00
36760	Dr Stefanie Gerke	Department of Mathematics	Royal Holloway, University of London	Paths coverings of graphs	1,520.00
36761	Dr Ian Prior	School of Biomedical Sciences	University of Liverpool	Electron microscopy imaging of cell surface signalling domains.	1,440.00
36762	Dr William Clegg	Department of Materials Science and Metallurgy	University of Cambridge	Cracking of drying films	1,440.00
36765	Dr Peter Schubel	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	Design of a Nacelle case for a 5kW wind turbine	1,440.00
36766	Dr Charith Abhayaratne	Department of Electronic and Electrical Engineering	University of Sheffield	A study on rate distortion optimisation for compressed sensing based lossy image representation	1,440.00
36767	Dr Christoph Walti	School of Electronic and Electrical Engineering	University of Leeds	Nanolithography through patterning of molecular scaffolds by self-assembly	1,440.00
36768	Dr Krysia Broda	Department of Computing	Imperial College London	Tool for teaching undergraduates to reason about imperative programs based on Hoare logic.	1,520.00
36769	Professor Jon Dilworth	Inorganic Chemistry Laboratory	University of Oxford	New copper complexes with potential applications for imaging hypoxia	1,440.00
36770	Dr Marcus Tindall	School of Biological Sciences	University of Reading	Mathematical modelling of bacterial swarming and the role of surfactants	1,440.00
36771	Dr Gillian Cooper	Department of Anthropology	Durham University	Validation of Preservation methods for long-term storage of saliva for hormonal analyses using ELISA.	1,440.00
36773	Dr Lewis Halsey	School of Human and Life Sciences	Roehampton University	A positive correlation between eating breakfast and staying slim; is this explained by increased morning activity in post-prandial participants?	1,520.00
36774	Dr Djuradj Budimir	Wireless Communication Research Group	University of Westminster	Study of Baseband Digital Predistortion for Wideband Wireless Transmitters	1,520.00

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36777	Dr Christopher Peters	Faculty of Engineering and Computing	Coventry University	Real-time, behavioural modelling of automomous animals in a virtual ecosystem	1,440.00
36779	Dr Stefan Krause	School of Physical and Geographical Sciences	Keele University	Using fibre-optics Distributed Temperature Sensor networks (DTS) to identify potential contamination hotspots in lowland rivers at regional scales	1,440.00
36780	Dr Roy Crole	Department of Computer Science	University of Leicester	A fresh compiler and identifier kind analyzer with hybrid verification	1,440.00
36781	Dr William McGeown	Department of Psychology	University of Hull	Neuropsychological tests to predict treatment response in patients with Alzheimer's disease	1,440.00
36782	Dr Ian Salt	Institute of Biomedical and Life Sciences	University of Glasgow	The role of phosphorylation of endothelial nitric oxide synathase at serine 114.	1,080.00
36783	Dr Christina Redfield	Department of Biochemistry	University of Oxford	Active-site properties of the C-terminal domain of DsbD studied by NMR and site-directed mutagenesis	1,440.00
36785	Dr Andrew Fletcher	School of Mathematics and Statistics	Newcastle University	Modelling and morphology of bird flocks	1,440.00
36786	Dr Patricia Hunt	Department of Chemistry	Imperial College London	Reducing the viscosity of ionic liquids: making effective and safe green solvents for the future	1,520.00
36788	Dr Stephany Biello	Department of Psychology	University of Glasgow	How does the circadian clock synchronise to the light dark cycle?	1,440.00
36792	Dr Kerry Kilborn	Department of Psychology	University of Glasgow	Event related potentials as functional biomarkers: Measuring changes in cognition due to ageing	1,440.00
36793	Dr Pagona Papakonstantinou	School of Electrical and Mechanical Engineering	University of Ulster	Synthesis and characterisation of electrocatalytically active graphene/napoparticle hybrids for fuel cells	1,440.00
36797	Dr Julia Davies	Department of Plant Sciences	University of Cambridge	Annexin function in stress adaptation	1,440.00
36799	Dr Margery Barrand	Department of Pharmacology	University of Cambridge	Exploring the differences in ABC efflux transporter expression and function in beta amyloid-overexpressing brain endothelial cells	1,440.00
36801	Dr Justin R Lawrence	School of Electronic Engineering and Computer Science	Bangor University	New fabrication method for molecular electronic devices.	1,440.00

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36803	Dr Paul Davies	School of Chemistry	University of Birmingham	Gold catalysed heterocycle synthesis.	1,440.00
36804	Dr Andrew Smith	School of Chemistry	University of St Andrews	Investigating Organocatalytic Asymmetric Synthesis employing Chiral Amidines.	1,440.00
36806	Dr Wolfgang Muller	Department of Earth Sciences	Royal Holloway, University of London	Highly time-resolved records of past heavy metal exposure from a medieval Pb-Ag mining community (Black Forest, Germany).	1,140.00
36807	Professor Susan F Wong	Department of Cellular and Molecular Medicine	University of Bristol	Time course of activation of insulin reactive T cells in a model of type 1 diabetes.	1,440.00
36808	Professor Daniel Wolpert	Department of Engineering	University of Cambridge	Adaptive mechanisms in hand-arm trajectory control	1,080.00
36809	Professor Ian Melbourne	Department of Mathematics	University of Surrey	Prevalence of chaotic dynamics in the logistic and Henon maps, and validity of the 0-1 test for chaos	1,440.00
36811	Dr Jonathan McDearmid	Department of Biology	University of Leicester	Roles of Inhibitory Neurotransmitter Release During Neural Network Development.	1,440.00
36812	Dr Beatriz Lopez	Department of Psychology	University of Portsmouth	The role of task complexity in cognitive flexibility impairments in autistic Spectrum Disorders	1,440.00
36813	Dr Sebastian Rost	School of Earth and Environment	University of Leeds	Resolving the small-scale structure of the core-mantle boundary	1,440.00
36814	Dr Stephen Minger	Wolfson Centre for Age-Related Diseases	King's College London	Development of Stem Cell Therapy for Parkinson's Disease.	1,520.00
36815	Dr Andrew Chantry	School of Biological Sciences	University of East Anglia	Investigating a novel ubiquitin ligase mutation in melanoma linked to tumour growth and metastasis	1,440.00
36816	Dr Benjamin Buckley	Department of Chemistry	Loughborough University	Geomimetic Minerals as Novel Green Catalysts for Organic Cascade Reactions.	1,440.00
36817	Dr Dov Stekel	School of Biosciences	University of Birmingham	In silico evolution of microbial heavy metal stress response networks	1,440.00
36819	Professor Stephen Cox	School of Computing Sciences	University of East Anglia	Identification of significant events in visual speech	1,440.00
36821	Dr Yuxuan Lan	School of Computing Sciences	University of East Anglia	Computerised mandarin lip-reading	1,440.00

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36823	Dr Anthony Bagnall	School of Computing Sciences	University of East Anglia	Automatic extraction of bone shapes from hand X-rays	1,440.00
36825	Dr Anastasia Callaghan	School of Biological Sciences	University of Portsmouth	A fundamental investigation of RNase E-RNA substrate and inhibitor recognition	1,440.00
36827	Dr Martin Stevens	Department of Zoology	University of Cambridge	Bird vision and the anti-predator function of startling eyespots	1,440.00
36831	Dr Martin Bootman	Laboratory of Molecular Signalling	Babraham Institute	Regulation of glucose uptake by cardiac hormones	1,440.00
36832	Dr Michael Steinke	Department of Biological Sciences	University of Essex	Antioxidant function of dimethyl sulphide (DMS) in the sea anemone <i>Aiptasia</i> sp.	1,440.00
36838	Dr Laura Kormos	Department of Physics	Lancaster University	Cosmic ray and test-beam calibration of the T2K near detector downstream electromagnetic calorimeter	1,440.00
36840	Dr Dorothy E Gennard	Department of Forensic and Biomedical Sciences	University of Lincoln	The influence of combinations of three decomposition odours on food selection in the Hide Beetle, <i>Dermesters maculatus</i> DeGeer	1,080.00
36841	Dr Keziah Latham	Department of Optometry and Ophthalmic Dispensing	Anglia Ruskin University	Improving the legibility of UK pharmacy medicine labels	1,440.00
36843	Dr Tom Sheppard	Department of Chemistry	University College London	Development of a novel bio-orthogonal reaction	1,520.00
36844	Dr Simon Kennedy	Integrative Systems Biology	University of Glasgow	Mechanisms underlying the alterations in vascular function in response to RAGE agonists	1,440.00
36845	Dr K P Lam	School of Computing and Mathematics	Keele University	FACE-Fractal Analysis in Cell Engineering	1,440.00
36846	Dr Gavin Bell	Department of Physics	University of Warwick	Developing magnetic probes for atomic scale microscopy.	1,440.00
36847	John Hanna	Department of Physics	University of Warwick	Soild State NMR Applications for Determining the Nanoscale Phase Separation in Aerogel and Xerogel Materials.	1,440.00
36849	Dr M Grazia Francesconi	Department of Chemistry	University of Hull	Soid oxide fuel cells using amonia as fuel with clear emissions: the search for suitable electrolytes.	1,440.00
36851	Dr Trenton Garner	Institute of Zoology	Zoological Society of London	Mitigation of <i>Batrachochytrium dendrobatidis</i> in the IUCN red-listed Mallorcan midwife <i>Alytes muletensis</i>	1,520.00

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36852	Dr Janet Hughes	School of Computing	University of Dundee	EALS: e-assessment learning styles	1,440.00
36855	Professor Nello Cristianini	Department of Engineering Mathematics	University of Bristol	Analysis of content patterns in broadcast news	1,080.00
36857	Professor Michael Hart	School of Earth, Ocean and Environmental Sciences	University of Plymouth	The Cenomanian/ Turonian boundary event in Hokkaido (Japan).	1,440.00
36858	Dr Tijn De Bie	Department of Engineering Mathematics	University of Bristol	Fusing the content of multiple web feeds	1,440.00
36859	Dr Orla Kennedy	Department of Food Biosciences	University of Reading	fflavonoids for thought! Investigating the relationship between fruits and vegetables rich in flavonoids and behaviour	1,440.00
36862	Professor Keith Jones	Institute of Cancer Research - Sutton	Institute of Cancer Research	Synthesis of a novel chemical scaffold for kinase inhibition	1,520.00
36864	Dr John McMillan	Department of Physics and Astronomy	University of Sheffield	Investigation of novel manufacturing techniques for fabricating scintillation detector components.	1,440.00
36867	Professor Brendan Kenny	Institute for Cell and Molecular Biosciences	Newcastle University	Defining disease-related functions for EspZ following its delivery into host cells by enteropathogenic 'E.coli'	1,440.00
36871	Professor Margaret Lucas	Department of Mechanical Engineering	University of Glasgow	A smart ultrasonic horn for extraterrestrial prospecting	1,440.00
36872	Dr Marcus Munafo	Department of Experimental Psychology	University of Bristol	Effects of alcohol on ratings of attractiveness: examining the role of alcohol in social interaction	1,440.00
36874	Dr Peter Cormack	Department of Pure and Applied Chemistry	University of Strathclyde	Ultra-High specific surface area amphipathic polymer micro-sponges	1,260.00
36875	Dr Marc Jones	Research Department of Cell and Developmental Biology	University College London	Microevolution and pathology in an iconic New Zealand reptile, the tuatara Sphenodon	1,520.00
36876	Dr Niamh Nic Daeid	Department of Pure and Applied Chemistry	University of Strathclyde	A comparison of automatic thermal desorption and passive headspace analysis in the analysis of fire debris samples	1,080.00
36879	Dr Eva Hevia	Department of Pure and Applied Chemistry	University of Strathclyde	Desing of new organometallic reagents in synthesis: Hybrid Magnesium-Zinc Hybrids	1,440.00

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36881	Professor William J Kerr	Department of Pure and Applied Chemistry	University of Strathclyde	Expanding the utility of Enantioselective Magnesium Base Reagents and application in target synthesis of potential biological importance	1,440.00
36882	Dr Patrik Ohberg	Department of Physics	Heriot-Watt University	Slow light in ultracold gases	1,440.00
36883	Dr Andrew MacColl	School of Biology	University of Nottingham	The Causes of Natural Selection	1,440.00
36884	Dr Michael Montenari	School of Earth Sciences and Geography	Keele University	An FE-SEM and EBSD-based ultrastructural analysis of the lower carboniferous heterocoral <i>Hexaphyllia marginata</i> : new anatomical perspectives for fossil bioconstructions	1,440.00
36886	Dr Richard Graham	School of Mathematical Sciences	University of Nottingham	Time dependent barriers in nucleation	1,440.00
36890	Dr Katherine Haxton	School of Physical and Geographical Sciences	Keele University	Snowflake polymers for the delivery of anticancer drugs	1,440.00
36893	Dr Kieran Gibson	Department of Physics	University of York	Studies in plasma temperature profiles around magnetic islands in tokamak	1,440.00
36895	Dr Andrew Jackson	School of Mechanical Engineering	University of Leeds	Position and sensing for robotic physiotherapy system	1,440.00
36896	Professor Gillian Bentley	Wolfson Research Institute	Durham University	A comparative study of reproductive hormone levels in Bangladeshi migrants in the North East of England	1,440.00
36898	Dr Raymond Holt	School of Mechanical Engineering	University of Leeds	Evaluating user's affective responses to drinking aids	1,440.00
36899	Mr Frank C Langbein	Cardiff School of Computer Science	Cardiff University	Human Computation for Interpreting 2D Sketches of 3D objects	1,440.00
36901	Dr Clive Penkett	Chemistry Division	University of Sussex	Formation and reaction of unique pi allyl palladium intermediates created from meta photocycladducts	1,440.00
36902	Dr Geraldine A Wright	Division of Biology	Newcastle University	The formation of appetitive olfactory memories in honeybees	1,440.00
36903	Dr Emma Morris	Department of Immunology	University College London	TCR Gene Therapy for Leukaemia: optimising function of tumour-specific TCR-transduced T cells	1,520.00

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36905	Dr Andrew Marsh	Department of Chemistry	University of Warwick	Exploring the biomaterial interface: what classes of protein are repelled by tertiary amine oxide surfaces?	1,440.00
36907	Professor Simon Turner	Faculty of Life Sciences	University of Manchester	Using computer models to understand microtubule organization in plant cells	1,440.00
36910	Dr Tom Matheson	Department of Biology	University of Leicester	Biomechanical analysis of insect limb movement	1,260.00
36911	Professor Rex Godby	Department of Physics	University of York	Time-dependent quantum dynamics of interacting electrons in nanostructures	1,440.00
36912	Dr David Bolam	Institute for Cell and Molecular Biosciences	Newcastle University	Nutrient sensing by a human gut symbiont	1,440.00
36913	Dr Alison Howard	Institute for Cell and Molecular Biosciences	Newcastle University	Expression of glutathione related enzymes and transporters in inflammatory bowel disease	1,440.00
36916	Dr Phillip Aldridge	Institute for Cell and Molecular Biosciences	Newcastle University	The role of gene dosage in controlling flagellar numbers in Salmonella enterica	1,440.00
36917	Dr Nicola Lasikiewicz	Psychology Group	Leeds Metropolitan University	Neuroendocrine and metabolic changes during the human response to stress: glucose response during exposure to an acute stressor	1,440.00
36922	Dr William Wadsworth	Department of Physics	University of Bath	Fibre gas lasers	1,440.00
36923	Dr Amanda Harrison	Institute of Psychological Sciences	University of Leeds	Investigation of the effects of a dopamine D2 receptor antagonist on amphetamine-induced impulsive behaviour	1,440.00
36924	Dr Caroline Smith	School of Biosciences	University of Westminster	Understanding male fertility: the role of the Melanocortin-3 Receptor in the testis	1,520.00
36925	Dr Jonathan Perkin	Department of Physics and Astronomy	University of Sheffield	Design a bio-acoustical filter for the detection of ultra high energy neutrino interactions in the sea	1,440.00
36926	Professor Roy Chantrell	Department of Physics	University of York	Models of spin torque in magnetic nanostructures	1,440.00
36927	Professor David Jackson	Department of Chemistry	University of Glasgow	Deactivation of cobalt catalysts used in Fischer-Tropsch synthesis	1,440.00
36929	Dr Christopher Buckingham	Computer Science Group	Aston University	Creating graphical user interface tools for explaining and displaying risk evaluations associated with mental health problems	1,440.00

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36931	Dr Roger Newport	School of Psychology	University of Nottingham	The inflexible nature of the body image in eating disorders	1,440.00
36932	Dr Mark Muldoon	School of Chemistry and Chemical Engineering	Queen's University Belfast	Developing effective homogeneous catalysts for selective oxidation reactions at room temperature	1,440.00
36935	Dr Vaselleios Apostolopoulos	School of Physics and Astronomy	University of Southampton	Intracavity Terahertz generation in ultrafast semiconductor lasers	1,440.00
36936	Dr Nema Dean	Department of Statistics	University of Glasgow	Grouping students by skill level based on electronic assessment	1,440.00
36940	Dr Jennifer Barclay	School of Environmental Sciences	University of East Anglia	Using tephra to help date the middle pleistocene West Runton freshwater beds	1,440.00
36943	Dr Ross M Denton	School of Chemistry	University of Nottingham	Synthesis and biological investigation of a small-molecule which promotes the survival and growth of neurons	1,440.00
36944	Dr Philip Gee	School of Psychology	University of Plymouth	Rhythms in the behaviour of Sand Tiger sharks ('Carcharias taurus') held in a public aquarium	1,440.00
36947	Dr Kim Last	Ecology Department	Scottish Association for Marine Science	The influence of sediment supply on the tube construction of the polychaete worm <i>Savellaria spinulosa</i>	1,440.00
36950	Dr David Marshall	Cardiff School of Computer Science	Cardiff University	Expression transfer between individual animated 3D faces	1,440.00
36952	Dr Joanna M Nield	School of Geography	University of Southampton	Investigation of aeolian parabolic dune patterns.	1,440.00
36953	Dr David Goldie	Division of Electronic Engineering and Physics	University of Dundee	Optimised gate dielectrics for improved amorphous organic field-effect transistors	1,260.00
36954	Dr Catherine O'Sullivan	Department of Civil and Environmental Engineering	Imperial College London	Variation of size and shape distributions of sand particles along beach.	1,520.00
36955	Dr Barry Panaretou	Department of Pharmacy	King's College London	Characterizing the mechanism that controls resistance to antifungal agents mediated by a signalling cascade.	1,520.00
36956	Dr Paul Campbell	Division of Electronic Engineering and Physics	University of Dundee	Acoustically responsive thin polymeric films for remote drug delivery on demand	1,440.00
36957	Dr Ben Slater	Department of Chemistry	University College London	Absorption of greenhouse gases on ice particle surfaces.	1,140.00

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36958	Dr Andrew Henderson	Department of Geographical and Earth Sciences	University of Glasgow	Late Holocene climate change on the NE Tibetan plateau: testing the sun-climate connection using the sediments of Lake Qinghai	1,440.00
36959	Dr Frank Berkshire	Department of Mathematics	Imperial College London	Henon and Henon- like maps.	1,140.00
36960	Dr James Bendle	Department of Geographical and Earth Sciences	University of Glasgow	Application of multiple biomarkers to constrain dietary sources of arctic zooplankton	1,260.00
36961	Dr Vasily Belokurov	Institute of Astronomy	University of Cambridge	The most distant milky way stars.	1,440.00
36969	Dr Alison Laird	Department of Physics	University of York	Calibrating TACTIC - a new detector for nuclear astrophysics	1,440.00
36972	Dr Ian J S Fairlamb	Department of Chemistry	University of York	Carbon monoxide releasing molecules (CO-RMs): a study to establish CO release rates and activation (degradation) pathways in cobalt (0) carbonyl complexes	1,080.00
36973	Professor Martin Noble	Department of Biochemistry	University of Oxford	The characterisation of novel p53/MDM2 inhibitors.	1,260.00
36976	Dr Carol Trager-Cowan	Department of Physics	University of Strathclyde	Optimisation of nitride semiconductor thin films via rapid, non-destructive characterisation using electron channelling contrast imaging and cathodoluminescence	1,440.00
36977	Dr Joachim Rose	School of Physics and Astronomy	University of Leeds	Characterisation of nanoparticles by nanosecond time scale light pulses.	1,440.00
36979	Dr Lesley Cherns	School of Earth, Ocean and Planetary Science	Cardiff University	Skeletal silification and its origin in the Lower Jurassic of South Wales.	1,440.00
36980	Professor Peter E Shaw	School of Biomedical Sciences	University of Nottingham	Mono-ubiquitylation as a regulatory mechanism for ets-domain proteins.	1,440.00
36981	Dr Stan Zochowski	Department of Physics and Astronomy	University College London	Transport properties of uranium multilayers	1,520.00
36982	Dr Martin Gering	School of Biology	University of Nottingham	Identification of novel genes involved in vasculogenesis, angiogenesis and haematopoiesis using a gene trap approach.	1,440.00
36983	Dr David C Hughes	School of Science and Technology	Nottingham Trent University	Methodological development and screening for genetic polymorphisms associated	1,440.00

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				with sport performance and injury.	
36985	Dr Christian Elsholtz	Department of Mathematics	Royal Holloway, University of London	Multidimensional problems in additive combinatorics	1,520.00
36987	Professor Victor Abrashkin	Department of Mathematical Sciences	Durham University	Construction of geometrically interesting algebraic number fields	1,080.00
36991	Dr Mark Ramsdale	School of Biosciences	University of Exeter	Role of AIF1 in the programmed cell death response of the human pathogen <i>Candida albicans</i>	1,440.00
36992	Dr Stella Bradbury	School of Physics and Astronomy	University of Leeds	Neutrinoless double-Beta decays	1,440.00
36993	Dr Sarah Harris	School of Physics and Astronomy	University of Leeds	Computer Simulations of Conformational Changes in Coiled-Coils: Application to the dynein molecular motor	1,440.00
36996	Professor Tom Evans	Glasgow Biomedical Research Centre	University of Glasgow	The role of bacterial Pilin in activation of the inflammasome	1,440.00
36999	Dr Iain Burns	Department of Chemical and Process Engineering	University of Strathclyde	A simple sensor to monitor nanoparticle concentration and temperature in high temperature reacting flows	1,440.00
37000	Dr Christopher J H Elliott	Department of Biology	University of York	Neurophysiology of movement of <i>Drosophila</i> larvae expressing mutated Parkinson's disease genes	1,440.00
37001	Dr Colin Osborne	Department of Animal and Plant Sciences	University of Sheffield	Origin of Agriculture; a role for seeding ecology in crop domestication?	1,440.00
37002	Dr Davide Costanzo	Department of Physics and Astronomy	University of Sheffield	Development to trigger for Supersymmetry with the ATLAS detector at the Large Hadron Collider	1,440.00
37003	Dr Petroc Sumner	School of Psychology	Cardiff University	See it, but don't grab it: is object affordance subject to automatic inhibition?	1,440.00
37007	Dr Mark Carrington	Department of Biochemistry	University of Cambridge	Characterization of a novel type of RNA granule in <i>Trypanosoma brucei</i>	1,440.00
37008	Dr Dmitry Filatov	Department of Plant Sciences	University of Oxford	The analysis of selection at the molecular level in the Hawaiian endemic genus <i>Schiedea</i>	1,260.00
37009	Dr Paul Alexander	Department of Physics	University of Cambridge	Low frequency antenna design for the square kilometer array	1,260.00

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37010	Dr Peter Theobald	Cardiff School of Engineering	Cardiff University	The effect of aging on skin roughness and friction	1,440.00
37013	Dr Jon Lane	Department of Biochemistry	University of Bristol	An invitro assay for autophagosome trafficking	1,440.00
37014	Professor Ian Fairchild	School of Geography, Earth and Environmental Sciences	University of Birmingham	Incorporation of Mg into 'freshwater' calcite: the role of pH	1,440.00
37015	Dr Ruth Ogden	Learning Development Unit	Liverpool John Moores University	The effect of alcohol on prospective and retrospective timing	1,440.00
37017	Dr Christopher Dennett	School of Computing and Information Technology	University of Wolverhampton	Command interpreter for the Pervasive Utility Peripheral	1,440.00
37018	Miss Sarah Mount	School of Computing and Information Technology	University of Wolverhampton	A prorothread-based realisation of Hoare's communicating sequential processes	1,440.00
37020	Dr Maxim Ryadnov	Department of Chemistry	University of Leicester	Antimicrobial peptide matrices: a designer's answer to bacterial drug resistance	1,440.00
37021	Dr Andy Bulpitt	School of Computing	University of Leeds	Automated image analysis and visualisation techniques to support tissue engineering research	1,440.00
37024	Sir Peter Quayle	School of Chemistry	University of Manchester	Catalyst economy in organic synthesis	1,440.00
37025	Professor David J Procter	School of Chemistry	University of Manchester	Underwater control - radical cyclisations of esters using Sml ₂ and water	1,440.00
37027	Dr Kevin Flower	School of Chemistry	University of Manchester	Gold organometallics for the treatment of cancer	1,080.00
37028	Dr Mark W Whiteley	School of Chemistry	University of Manchester	ORganometallic metal alkynyl complexes: understanding the relationship between electronic structure and redox reactivity	1,440.00
37029	Dr Francis Mair	School of Chemistry	University of Manchester	Investigation of ethene oligomerization and polymerization catalysed by new transition-metal alpha-triketimine complexes, with organoaluminium cocatalysts	1,080.00
37031	Dr Eric J L McInnes	School of Chemistry	University of Manchester	Solvothermal synthesis of vanadium (III) clusters	1,440.00

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37032	Dr Alan Brisdon	School of Chemistry	University of Manchester	Bulky and electron-poor ligands in catalysis	1,440.00
37035	Dr Chris Jiggins	Department of Zoology	University of Cambridge	Genetic analysis of pyrethroid insecticide resistance in <i>Plutella xylostella</i>	1,440.00
37036	Professor Robert Dryfe	School of Chemistry	University of Manchester	Electrocatalysis at the liquid-liquid interface	1,440.00
37038	Professor David J Beech	Research Institute of Membrane and Systems Biology	University of Leeds	Investigation of a localisation motif in Orai 1 calcium channel subunit	1,440.00
37039	Dr Jonathan Nichols	Department of Physics and Astronomy	University of Leicester	Investigating Jupiter's polar auroras	1,440.00
37040	Dr Rosanna Smith	Department of Earth Sciences	University College London	Response of the 2004-2008 Mount St Helen's lava dome to cyclic stressing a laboratory study	1,520.00
37041	Dr Mark Rakobowchuk	School of Sport and Exercise Sciences	University of Leeds	Vascular function in young females: the effect of exercise intensity	1,440.00
37043	Professor Vladimir Falko	Department of Physics	Lancaster University	Modelling optical properties of graphene and its visibility on various substrates	1,440.00
37046	Dr Fouzia Ouali	School of Science and Technology	Nottingham Trent University	Optical loss measurements of PECVD grown dielectric waveguides for particle trapping applications	1,440.00
37047	Dr Ivan Cheltsov	School of Mathematics	University of Edinburgh	Points in projective spaces	1,080.00
37050	Dr Anne E Sansom	Jeremiah Horrocks Institute for Astrophysics and Supercomputing	University of Central Lancashire	Spectroscopic data reductions for understanding stellar populations in spiral galaxies	1,260.00
37051	Dr Shaun Cowley	Department of Biochemistry	University of Leicester	Monitoring the transcriptome of differentiating HDAC1 Null embryonic stem cells	1,260.00
37052	Dr Igor Schindler	Department of Psychology	University of Hull	The role of the posterior parietal lobe in spatial remapping - a rTMS study	1,440.00
37053	Dr Barbara Dritschel	School of Psychology	University of St Andrews	Self-positivity bias and culture	1,440.00
37056	Dr Ben Varcoe	School of Physics and Astronomy	University of Leeds	Building a quantum gravity detector	1,440.00
37058	Dr Gavin Burnell	School of Physics and Astronomy	University of Leeds	Superconducting spintronics	1,440.00

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37059	Dr Jim Hinton	School of Physics and Astronomy	University of Leeds	Very-high-energy gamma-ray emission from Pulsar Wind Nebulae	1,440.00
37060	Dr Lorna Dougan	School of Physics and Astronomy	University of Leeds	Biophysics of cryopreservation: from simple molecules to proteins	1,440.00
37062	Dr Lynda Boothroyd	Department of Psychology	Durham University	Pubertal testosterone as a predictor of adult male craniofacial dimorphism in humans	1,440.00
37064	Dr Mark Kennedy	School of Chemical and Environmental Engineering	University of Nottingham	Development of novel catalysts and sorbents for the abatement of environmentally harmful species	1,440.00
37065	Dr Carol Eastwick	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	Measuring noise from small and micro-scale windturbines	1,440.00
37066	Dr Katy Voisey	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	Fibre laser cutting	1,440.00
37068	Dr David Hann	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	Effect of rain on wind turbine performance	1,440.00
37069	Dr Lee J Higham	School of Chemistry	Newcastle University	Unusual water-soluble ligands for environmentally-friendly catalysis	1,440.00
37070	Dr Steve Bouzalakos	School of Chemical and Environmental Engineering	University of Nottingham	An investigation on the sequestration of CO ₂ -SO ₂ mixtures using industrial by-products	1,440.00
37071	Dr David A Fulton	School of Chemistry	Newcastle University	Templating a polymer-scaffolded dynamic combinatorial library	1,440.00
37073	Professor Andy Monkman	Department of Physics	Durham University	Organic photocells for printed organic solid state lighting	1,440.00
37075	Professor Godfrey Smith	Integrative Systems Biology	University of Glasgow	Use of membrane staining fluorescent dyes to measure cell surface area in adult heart cells	1,080.00
37077	Dr John C Schumacher	Department of Earth Sciences	University of Bristol	Comparison of metamorphic development in the Tre Brodre and Taeringehavn terranes, south-west Greenland	1,440.00
37079	Professor David Robert Brown	Department of Chemical and Biological Sciences	University of Huddersfield	Selective catalysts for free fatty acid esterification	1,440.00

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37080	Dr Joerg Hardege	Department of Biological Sciences	University of Hull	The scent of experience	1,440.00
37083	Dr Steven Bull	Department of Chemistry	University of Bath	Novel organocatalytic strategies for electrocyclisation reactions	1,440.00
37084	Dr Stefan Przyborski	School of Biological and Biomedical Sciences	Durham University	The mechanism of action of a novel synthetic retinoids	1,440.00
37087	Dr Serena Best	Department of Materials Science and Metallurgy	University of Cambridge	Mechanical Testing of Nanocomposite Containing Ciprofloxacin/Bone Morphogenetic Proteins	1,440.00
37088	Dr Myra Conway	School of Life Sciences	University of the West of England	The role of phosphorylation in the redox regulation of the brain specific Branched Chain Aminotransferases (BCAT) proteins	1,440.00
37089	Dr Emma Robinson	Department of Physiology and Pharmacology	University of Bristol	Effects of ADHD medications on performance in the stop signal reaction time task for rats	1,440.00
37092	Dr George Darling	Department of Chemistry	University of Liverpool	Investigating the bonding of chiral molecules at surfaces using computer modelling	1,440.00
37093	Dr Richard McCabe	Centre for Materials Science	University of Central Lancashire	Investigation of oxidation of organic molecules with nanoparticulate iron oxide aluminosilicate composites	1,440.00
37094	Professor Jonathan Tennyson	Department of Physics and Astronomy	University College London	Vibration-rotation energy levels of methane	1,520.00
37096	Dr John Rossiter	Division of Biology	Imperial College London	Characterisation of protein AOP2 in terms of substrate specificity, kinetics and structure	1,520.00
37100	Dr Lee Harper	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	Finite element analysis of discontinuous carbon fibre composites produced by spray deposition	1,440.00
37102	Dr Sally Day	Department of Electronic and Electrical Engineering	University College London	Liquid crystal structures for Terahertz devices	1,520.00
37103	Dr Stephen M Goldup	School of Biological and Chemical Sciences	Queen Mary, University of London	New synthetic approaches to insulated molecular wires: towards novel electronic materials	1,520.00
37104	Professor Peter Kruger	School of Physics and Astronomy	University of Nottingham	Laser colling and trapping of atomic gases	1,440.00

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37107	Dr Fiona Wardle	Department of Physiology, Development and Neuroscience	University of Cambridge	Transcriptional regulation of muscle formation in zebrafish	1,440.00
37108	Dr Igor Lesanovsky	School of Physics and Astronomy	University of Nottingham	Coherent matterwave dynamics in double well potentials	1,440.00
37111	Dr Jessica Teeling	School of Biological Sciences	University of Southampton	The role of CD200-CD200R in chronic neurodegeneration	1,440.00
37112	Dr Caroline Hoad	School of Physics and Astronomy	University of Nottingham	Developing magnetic resonance (MR) biomarkers for liver fibrosis	1,440.00
37113	Dr Angelo Cangelosi	School of Computing, Communications and Electronics	University of Plymouth	Action and language learning in Humanoid Robot iCub	1,080.00
37114	Dr Peter Culmer	School of Mechanical Engineering	University of Leeds	Engineering improvements in healthcare: using gaming devices to develop low-cost rehabilitation technologies	1,440.00
37115	Dr Janette Dunn	School of Physics and Astronomy	University of Nottingham	Vibronic coupling in Fullerenes	1,440.00
37116	Dr Philip Moriarty	School of Physics and Astronomy	University of Nottingham	Automated optimisation of scanning probes: accelerating nanoscience	1,440.00
37117	Mr John Bird	Department of Informatics	University of Sussex	Seeing and sensing others across multitouch work surfaces: combining interactive tabletops and vibrotactile sensory augmentation to enhance collaborative task performance	1,440.00
37118	Dr Angela Mousley	School of Biological Sciences	Queen's University Belfast	Investigating novel drug target candidates for the control of liver fluke disease	1,080.00
37119	Professor Neil A Williams	Department of Cellular and Molecular Medicine	University of Bristol	A novel approach to the generation of a cross-strain protective influenza vaccine	1,440.00
37128	Dr Elva Robinson	School of Biological Sciences	University of Bristol	Do ants compare alternatives when making collective decisions?	1,440.00
37130	Dr R Arroo	Leicester School of Pharmacy	De Montfort University	Effect of 'Ligusticum porteri' (Osha) root extract on growth of 'Mycobacterium phlei' and methicillin-resistant 'Staphylococcus aureus'	1,260.00
37131	Dr Alastair Edge	Department of Physics	Durham University	Hubble space telescope imaging of the most massive telescope imaging of the most massive elliptical galaxies	1,440.00

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37134	Professor Andrew Hudson	Institute of Molecular Plant Sciences	University of Edinburgh	The genetic basis for natural variation in resistance of Arabidopsis to slugs	1,440.00
37135	Professor Andrew Coates	Department of Space and Climate Physics	University College London	The magnetosheath at Venus and Saturn	1,440.00
37138	Dr Mark Gilbertson	Department of Mechanical Engineering	University of Bristol	Volcanic seismicity: the measurement of noise generated by a deformable channel	1,440.00
37140	Dr Ben Abell	Biomedical Research Centre	Sheffield Hallam University	Peroxisomal targeting of tail-anchored membrane proteins	1,440.00
37145	Dr Paul L A Popelier	Manchester Interdisciplinary Biocentre	University of Manchester	Polarisation of ions in aqueous solution modelled by machine learning	1,440.00
37146	Dr Alexander Harper	Division of Molecular Physiology	University of Dundee	The action of neuromuscular blocking drugs on synaptic transmission in intracardiac ganglia.	1,440.00
37148	Dr Nicolas Delerue	Particle Physics Sub-Department	University of Oxford	Analysis of the data collected during beam tests at the DAFNE BTF	1,440.00
37151	Dr Darryl Hill	Department of Cellular and Molecular Medicine	University of Bristol	The role of bacterial adhesins and co-operation of human receptors in pathogenesis.	1,440.00
37152	Dr Emma Chung	Department of Cardiovascular Sciences	University of Leicester	The physics of stroke; extension of virtual patient simulations of cerebral embolism to include the major cerebral arteries	1,440.00
37156	Dr Charles McSharry	Glasgow Biomedical Research Centre	University of Glasgow	In vitro IgE synthesis regulation by a novel cytokine IL-33.	1,440.00
37157	Dr Sheriar Hormuzdi	Centre for Neuroscience	University of Dundee	Molecular investigations into McLeod Syndrome	1,440.00
37160	Professor Mauro Pereira	Materials and Engineering Research Institute	Sheffield Hallam University	Semiclassical study of intersubband antipolaritons in stratified semiconductor media	1,440.00
37164	Dr John Durrell	Department of Materials Science and Metallurgy	University of Cambridge	A quick, effective and simple system for assessing new superconducting materials	1,260.00
37165	Dr Trevor Jackson	Institute for Cell and Molecular Biosciences	Newcastle University	The role of mTOR in control of Serum/Glucocorticoid regulated Kinase1 function in renal epithelial cells	1,440.00
37168	Dr Sarah Beck	School of Psychology	University of Birmingham	Imaging and encountering uncertainty: cognitive change in adolescence.	1,440.00
37171	Dr Jonathan Erichsen	School of Optometry and Vision Sciences	Cardiff University	The impact of stress on visual function in nystagmus.	1,440.00

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37173	Dr Jorge Caamano	Division of Immunity and Infection	University of Birmingham	A role for the transcription factor NF- κ B/RelB during Lymph Node Organogenesis	1,440.00
37174	Dr Karim Malik	Department of Cellular and Molecular Medicine	University of Bristol	Genes and pathways altered by epigenetic lesions in cancer.	1,440.00
37176	Professor Kenneth Falconer	School of Mathematics and Statistics	University of St Andrews	Analysis and enumeration of symmetric fractals.	1,440.00
37178	Mr Alex McIntyre	Department of Psychology	University of Stirling	Arranging faces to promote accurate matching	1,080.00
37180	Professor Xavier Lambin	School of Biological Sciences	University of Aberdeen	Dynamical feedback between nutrient availability, grasses and water vole metapopulations through silica induction.	1,440.00
37181	Dr Felicity Watts	Genome Damage and Stability Centre	University of Sussex	Investigating interactions of the BRCT domains of the DNA integrity checkpoint protein Crb2 with phosphoproteins other than gamma-H2A	1,440.00
37182	Dr Vivien Kendon	School of Physics and Astronomy	University of Leeds	Quantum gates from quantum walks.	1,440.00
37183	Dr Colin Fitzsimmons	Department of Pathology	University of Cambridge	Developmental expression of Schistosoma mansoni tropomyosin isoforms	1,440.00
37185	Professor Vlatko Vedral	School of Physics and Astronomy	University of Leeds	Translationally invariant entangled quantum states.	1,440.00
37186	Professor Mike Ashford	Centre for Neuroscience	University of Dundee	Metabolism and amyloid processing in amyloid sensitive neurons	1,440.00
37187	Dr Alberto Castellazzi	School of Electrical and Electronic Engineering	University of Nottingham	Novel integration approaches for silicon power devices	1,440.00
37188	Dr Antony Morris	School of Earth, Ocean and Environmental Sciences	University of Plymouth	Tectonic rotation during the development of arcuate fold and thrust belts	1,440.00
37189	Dr Igor Larrosa	School of Biological and Chemical Sciences	Queen Mary, University of London	novel C-H arylation protocols of arenes and heteroarenes with palladium catalysts	1,520.00
37191	Dr Aileen Ho	School of Psychology and Clinical Language Sciences	University of Reading	Examining the effect of delayed auditory feedback on speech in Parkinson's disease; Part 2.	1,440.00
37192	Dr Andrew Kennedy	Department of Mechanical, Materials and Manufacturing Engineering	University of Nottingham	The innovative and flexible production of metal parts using a combination of gel casting, rapid prototyping and rapid manufacture	1,440.00

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37195	Dr Joel Feinstein	School of Mathematical Sciences	University of Nottingham	Complex differentiation on compact plane sets	1,440.00
37197	Dr Mark Viant	School of Biosciences	University of Birmingham	Are silver nanoparticles toxic to lung cells: a metabolomics investigation	1,260.00
37198	Dr R M L Evans	School of Physics and Astronomy	University of Leeds	Statistical mechanics of non-equilibrium fluids	1,440.00
37199	Dr Lee Martin	School of Science and Technology	Nottingham Trent University	Synthesis and characterisation of novel chiral magnetic superconductors	1,440.00
37200	Dr Douglas Barrett	Division of Psychology	Nottingham Trent University	Assessing the locus of cross-modal selective attention: independent or superadditive effects?	1,440.00
37201	Dr James Dowden	School of Chemistry	University of Nottingham	Chemical synthesis of the smell of success (for bethylid wasps)	1,440.00
37202	Dr Adrian Jones	Department of Earth Sciences	University College London	Simulating lunar regolith in the laboratory	1,520.00
37203	Dr Chris Gerada	School of Electrical and Electronic Engineering	University of Nottingham	Wireless temperature measurement from high speed rotating machines	1,440.00
37204	Dr Charlotte Bonardi	School of Psychology	University of Nottingham	An evaluation of learning and timing processes in a transgenic animal model of Alzheimer's disease: development of a test battery	1,440.00
37206	Professor Stuart J Ferguson	Department of Biochemistry	University of Oxford	Identification of the amino acid sequence essential for recognition of a c type cytochrome by heme lyase	1,440.00
37207	Dr Maria Gardani	Section of Psychological Medicine	University of Glasgow	An investigation into sleep loss and circadian preference in a 24/7 society	1,440.00
37209	Dr Aziz Aboobaker	Institute of Genetics	University of Nottingham	Tracing the migration and differentiation of stem cells during tissue regeneration in planarian flatworms	1,440.00
37210	Dr Gijbert Stoet	Institute of Psychological Sciences	University of Leeds	Timing in the human motor system	1,440.00
37211	Dr Hannah Nash	Department of Psychology	University of York	Investigating the relationships between nonsense word repetition, new word learning, vocabulary and short term memory	1,440.00
37212	Professor Susan Edwards	School of Psychology and Clinical Language Sciences	University of Reading	Language in pre-school children: developing a new assessment	1,080.00

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37215	Dr David Paul Steenson	Institute of Microwaves and Photonics	University of Leeds	Fabrication and characterisation of microscopic hall-effect sensors for measuring magnetic fields in microscopic spaces	1,440.00
37216	Dr Jane Herbert	Department of Psychology	University of Sheffield	Can short-term training overcome limitations in the face processing system?	1,440.00
37217	Dr Pearl Agyakwa	Research Division of Electrical Systems and Optics	University of Nottingham	Physics of failure of wire bond interconnects in power device packaging: a characterisation of processing and response to power cycling	1,440.00
37218	Professor Daphne McCulloch	Department of Vision Sciences	Glasgow Caledonian University	Summer research assistant for the VitAL Study: Vitamin A and retinal maturation in very low birth weight infants	1,440.00
37222	Professor C C Wilson	Department of Chemistry	University of Glasgow	Polymorphism in molecular materials of agricultural and environmental relevance	1,440.00
37224	Dr Michael R Goad	Department of Physics and Astronomy	University of Leicester	Emission-line responsivity as a constraint upon the physical conditions within the Broad Line Region of Active Galaxies	1,440.00
37226	Dr Mark Williams	School of Crystallography	Birkbeck, University of London	A unified web environment for biophysical data analysis	1,520.00
37227	Dr Keith Sturrock	School of Contemporary Sciences	University of Abertay Dundee	The investigation of Lawsone as a new reagent for the enhancement of latent fingerprints on porous materials	1,440.00
37228	Dr William Martin	Department of Chemical and Forensic Sciences	University of Bradford	Novel rearrangement chemistry to access unnatural amino acids	1,440.00
37229	Dr Amanda Ellison	Cognitive Neuroscience Research Unit	Durham University	the specification of the functional contributions of posterior parietal cortex in the control of spatial attention	1,440.00
37230	Dr Peter V Sushko	Department of Physics and Astronomy	University College London	Development of methodologies for computational modelling of cation intermixing in doped complex oxides and at oxide interfaces	1,140.00
37231	Dr Alison Blyth	Department of Earth and Environmental Sciences	Open University	Testing lipid biomarker records in cave sediments as palaeoenvironmental proxies: a case study from SE Asia	1,260.00
37232	Dr Jonathan Burton	Department of Chemistry	University of Oxford	Using relaxation rates to distinguish structural isomers	1,440.00

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37233	Dr Steven Bailey	Department of Physics	Lancaster University	Computer modelling of carbon nanotubes	1,440.00
37237	Professor Julian Paton	Department of Physiology and Pharmacology	University of Bristol	Comparison of the cerebral vasculature of normotensive and hypertensive rats	1,440.00
37238	Dr Alasdair Gibb	Department of Neuroscience, Physiology and Pharmacology	University College London	NMDA receptor subtypes in substantia nigra pars compacta dopaminergic neurones and their sensitivity to the anti-Parkinson's drug, amantadine	1,330.00
37240	Professor Maria Fitzgerald	Department of Neuroscience, Physiology and Pharmacology	University College London	The postnatal development of long term potentiation in spinal nociceptive pathways	1,330.00
37242	Dr Edward Christopher	Research Division of Electrical Systems and Optics	University of Nottingham	use of supercapacitors to enhance automotive parallel hybrid drives	1,440.00
37243	Dr Alexander Hammers	MRC Clinical Sciences Centre	Imperial College London	Computing intracranial volume and optimising brain extraction procedures	1,140.00
37244	Dr Laurence Andrew Nelson	School of Chemistry	University of Leeds	Biomembrane activity of engineered nanoparticles	1,260.00
37246	Professor David J Richardson	Optoelectronics Research Centre	University of Southampton	Implementation of a spatially and spectrally resolved imaging technique for the discrimination of the modal content in multimode optical fibres.	1,440.00
37248	Dr David Larkman	MRC Clinical Sciences Centre	Imperial College London	Local to global motion correction in MRI using small receiver coils.	1,520.00
37249	Dr Emily Farran	Department of Psychology and Human Development	Institute of Education	The effects of non-spatial and spatial categories on location memory in children and adults	1,520.00
37251	Dr Karl Nightingale	School of Clinical and Experimental Medicine	University of Birmingham	siRNA mediated knockdown of Msk1 in haematopoietic stem cells	1,440.00
37255	Professor Alastair Spence	Department of Mathematical Sciences	University of Bath	Analysis of the mathematics behind Google with extensions to addition and deletion of web pages.	1,440.00
37257	Dr David McGloin	Division of Electronic Engineering and Physics	University of Dundee	Expanding the concept of optical trapping: moving beyond high numerical aperture optics	1,440.00
37258	Dr Adrian Dobbs	School of Biological and Chemical Sciences	Queen Mary, University of London	Synthesis of novel glucocorticoid receptor steroids	1,520.00

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37259	Dr W Eustace Johnson	Arthritis Research Centre	Keele University	An objective computer-based analysis of the success of articular cartilage repair in humans	1,440.00
37260	Dr Ardian Morina	School of Mechanical Engineering	University of Leeds	Friction and wear evaluation of cam/follower system lubricated with different oil chemistries	1,440.00
37262	Professor Martin Buck	Plant and Microbial Section	Imperial College London	Organisation and regulation of a heteromeric AAA+ transcription activator	1,520.00
37266	Dr Athanasios Tsolakis	School of Mechanical Engineering	University of Birmingham	Development of active catalysts in selective reduction of NOx using hydrocarbons (HC-SCR)	1,260.00
37269	Dr Heather Jorgensen	Division of Cancer Sciences and Molecular Pathology	University of Glasgow	Influence of autocrine growth factors on response to targeted tyrosine kinase inhibitors in Chronic Myeloid Leukaemia (CML) stem cells	1,440.00
37270	Dr Dave Hodgson	Centre for Ecology and Conservation	University of Exeter, Cornwall Campus	Sexual plasticity in a social environment: an experimental approach using Daphnia	1,440.00
37273	Dr Richard Burchmore	Institute of Biomedical and Life Sciences	University of Glasgow	Optimisation of cleavage protocols for identification of membrane proteins by mass spectrometry	1,080.00
37278	Dr Mohammad Naushahi	Department of Clinical Neuroscience	Imperial College London	To determine the advantage of stimulating the pedunculopontine nucleus over the subthalamic nucleus for controlling motor symptoms of Parkinson's disease	1,520.00
37279	Dr Jose F Gutierrez-Marcos	Warwick HRI	University of Warwick	Regulation of imprinted genes in plants	1,440.00
37280	Professor Jon Frampton	Division of Immunity and Infection	University of Birmingham	Integrin-mediated regulation of c-myc gene expression in haemopoietic stem cells	1,440.00
37282	Dr Hisbel Arochena	Faculty of Engineering and Computing	Coventry University	Investigation on impact of network conditions on on-line game playability	1,260.00
37285	Professor Jane Endicott	Department of Biochemistry	University of Oxford	Investigation of the roles of Cks1 and Cks2 in modulating CDK/cyclin activity	1,440.00
37288	Dr Rebecca Sitsapesan	Department of Physiology and Pharmacology	University of Bristol	Characterisation of the single-channel properties of a novel ion channel, Mitsugumin 23	1,440.00
37290	Dr Delvac Oceandy	Cardiovascular Medicine	University of Manchester	Biological actions of psydouridine, a novel metabolite in heart failure	1,260.00

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				established from metabolomics analysis, in cultured cardiomyocytes	
37292	Dr John H Robinson	Institute for Cell and Molecular Biosciences	Newcastle University	Do exogenous antigen fragments from cartilage induce autoimmune T lymphocyte responses?	1,260.00
37294	Dr Michael Wilson	Department of Biodiversity and Systematic Biology	National Museum of Wales	Industrial melanism in the spittlebug <i>Philaenus spumarius</i> : what has changed 25 years later?	1,080.00
37296	Dr Ryan Donnelly	School of Pharmacy	Queen's University Belfast	Microneedle mediated iontophoretic transdermal drug delivery	1,440.00
37301	Dr Mark Osborne	Chemistry Division	University of Sussex	Single molecule studies of quantum dot and DNA conjugates	1,440.00
37341	Dr Peter Rockett	Department of Electronic and Electrical Engineering	University of Sheffield	Optimisation of resonant DC-to-DC converter circuits using multiobjective evolutionary methods	1,440.00