List of non-matching research papers
UCT affiliations

1. Optimisation of synthetic gasoline blend recipes for use in modern charge boosted GDI engines
2. Acetonitrile via CO hydrogenation in the presence of NH$_3$
3. Mothers’ perceptions of their premature infant's communication: A description of two cases
4. Naltrexone increases negatively-valenced facial responses to happy faces in female participants
5. Estimating ionospheric currents by inversion from ground-based geomagnetic data and calculating geoelectric fields for studies of geomagnetically induced currents
6. A meta-analysis of the efficacy of vortioxetine in patients with major depressive disorder (MDD) and high levels of anxiety symptoms
7. Performance on Functional Strength Measurement and Muscle Power Sprint Test confirm poor anaerobic capacity in children with Developmental Coordination Disorder
8. A new titanosaur from the Lower Cretaceous of Brazil
11. Monitoring and evaluation to support adaptive co-management: Lessons learned from the Millennium Villages Project
12. Predicting the occurrence of major adverse cardiac events within 30 days of a vascular surgery: an empirical comparison of the minimum p value method and ROC curve approach using individual patient data meta-analysis
13. ALICE Collaboration
14. ATLAS Collaboration
15. Application and verification of direct transesterification as a method to quantify fatty acids in cement and concrete
16. Enhanced selectivity towards xylene isomers of a mixed ligand Ni(II) thiocyanato complex
17. Specialization and school organization: investigating pedagogic culture
18. The rise of the video-recorder teacher: the sociomaterial construction of an educational actor
19. Molecular dynamics simulations of the structural properties and electrical conductivities of CaO–MgO–Al$_2$O$_3$–SiO$_2$ melts
20. Pseudorapidity dependence of the anisotropic flow of charged particles in Pb–Pb collisions at $\sqrt{s} = 2.76$ TeV
21. Search for new resonances in events with one lepton and missing transverse momentum in pp collisions at $s = 13$ TeV with the ATLAS detector
22. Measurement of the $W^{\pm}Z$ boson pair-production cross section in pp collisions at $s = 13$ TeV with the ATLAS detector
23. Locating planning in the New Urban Agenda of the urban sustainable development goal
24. Effect of supplementary cementitious materials (binder type) on the pore solution chemistry and the corrosion of steel in alkaline environments
25. Formation and spectral properties of metal ion complexes of tripeptides
26. Anxiety disorders, post-traumatic stress disorder, and obsessive-compulsive disorder
27. Using mineralogical and particle shape analysis to investigate enhanced mineral liberation through phase boundary fracture
28. An empirical law for wavelet maxima interpretation of potential fields: Application to the Uinta Mountains range
29. A thermodynamically consistent formulation of generalized thermoelasticity at finite deformations
30. Preparation and Physicochemical Characterization of an Inclusion Complex Between Dimethylated β-Cyclodextrin and a Drug Lead From a New Class of Orally Active Antimalarial 3,5-Diaryl-2-Aminopyridines

31. Authors’ Reply to Alain Braillon’s Comment on “Safety and Tolerability of Pharmacological Treatment of Alcohol Dependence: Comprehensive Review of Evidence”

32. Cancer testis antigen MAGE C1 can be used to monitor levels of circulating malignant stem cells in the peripheral blood of multiple myeloma patients

33. Pelvic elements of the giant bird Gargantuavis from the Upper Cretaceous of Cruzy (southern France), with remarks on pneumatisation

34. Consistent improvement in health-related quality of life with tiotropium in patients with chronic obstructive pulmonary disease: Novel and conventional responder analyses

35. Mandibular ramus shape of Australopithecus sediba suggests a single variable species

36. Synthesis and characterization of NiFe$_2$O$_4$@Co$_3$O$_4$ core-shell nanoparticles

37. Phenotypic divergence despite high gene flow in chokka squid Loligo reynaudii (Cephalopoda: Loliginidae): implications for fishery management

38. Veteran cupric oxide with new morphology and modified bandgap for superior photocatalytic activity against different kinds of organic contaminants (acidic, azo and triphenylmethane dyes)

39. Baseline Predictors of High Adherence to a Coitally Dependent Microbicide Gel Based on an Objective Marker of Use: Findings from the Carraguard Phase 3 Trial

40. Absolute parameters of eclipsing binaries in Southern Hemisphere sky – II: QY Tel

41. What’s ‘difficult’? A multi-stage qualitative analysis of secondary care specialists’ experiences with medically unexplained symptoms

42. NIR Tully-Fisher in the Zone of Avoidance - III. Deep NIR catalogue of the HIZOA galaxies

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44. Ongoing geographical spread of Tomato yellow leaf curl virus

45. Engineering of silica-supported platinum catalysts with hierarchical porosity combining latex synthesis, sonochemistry and sol-gel process – I. Material preparation

46. Maternal gestational diabetes and childhood obesity at age 9–11: results of a multinational study

47. Ischaemic conditioning and targeting reperfusion injury: a 30 year voyage of discovery

48. From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on “New frontiers in cardiovascular research”

49. Numerical and experimental study of the effects of the electrical resistance and diffusivity under clamping pressure on the performance of a metallic gas-diffusion layer in polymer electrolyte fuel cells

50. The efficient elimination of solid tumor cells by EGFR-specific and HER2-specific scFv-SNAP fusion proteins conjugated to benzylguanine-modified auristatin F

51. Proposing the short Neurological Evaluation Scale

52. Cooperative Spectrum Sensing Based on Complexity Measures for Cognitive Radio Communications

53. Can Large Hydatid Cysts Resolve with Medical Treatment Alone

54. Theoretical determination of the hadronic g - 2 of the muon

55. RENEB intercomparisons applying the conventional Dicentric Chromosome Assay (DCA)

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62. Precise titanium isotope compositions of refractory inclusions in the Allende CV3 chondrite by LA-MC-ICPMS
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64. Effectiveness of catalyst passivation techniques studied in situ with a magnetometer
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66. Enhanced olefin production in Fischer–Tropsch synthesis using ammonia containing synthesis gas feeds
67. Succinimide-N-sulfonic Acid as a Recyclable Brønsted Acid Catalyst for Synthesis of Pyran[4,3-b]pyran Derivatives by Using Solar Energy under Solvent-Free Conditions
68. Interplay between relaxation and Sn segregation during thermal annealing of GeSn strained layers
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81. Measurement of the tt production cross-section using eμ events with b-tagged jets in pp collisions at s=13TeV with the ATLAS detector
82. Measurement of the top quark mass in the tt→dilepton channel from s=8 TeV ATLAS data
83. Multidimensional Reaction Dynamics Reveal How the Enzyme TcTS Suppresses Competing Side Reactions and Their Side Products
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108. The relationship between transorbital ultrasound measurement of the optic nerve sheath diameter (ONSD) and invasively measured ICP in children: Part II: age-related ONSD cut-off values and patency of the anterior fontanelle
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167. A LUMINOUS GAMMA-RAY BINAR in the LARGE MAGELLANIC CLOUD
168. Worldwide Esophageal Cancer Collaboration: pathologic staging data
169. Worldwide Esophageal Cancer Collaboration: clinical staging data
170. Worldwide Esophageal Cancer Collaboration: neoadjuvant pathologic staging data
171. Targeted Spontaneous Reporting: Assessing Opportunities to Conduct Routine Pharmacovigilance for Antiretroviral Treatment on an International Scale
172. The NLstart2run study: Economic burden of running-related injuries in novice runners participating in a novice running program
173. Childhood, adolescent and adult age at onset and related clinical correlates in obsessive-compulsive disorder: a report from the International College of Obsessive-Compulsive Spectrum Disorders (ICOCS)
175. Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector
176. Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector
177. The performance of the jet trigger for the ATLAS detector during 2011 data taking
178. Search for bottom squark pair production in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector
179. Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8$TeV using the ATLAS detector
180. A multi-scale approach for identifying conservation needs of two threatened sympatric steppe birds
181. The Vulnerability, Impacts, Adaptation and Climate Services Advisory Board (VIACS AB v1.0) contribution to CMIP6
182. A decade's (2014–2024) perspective on cassava's (Manihot esculenta Crantz) contribution to the global hydrogen cyanide load in the environment
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198. Investigation into the impact of storms on sustaining summer primary productivity in the Sub-Antarctic Ocean
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207. V5852 Sgr: An unusual nova possibly associated with the Sagittarius stream
208. On the time delay between ultra-relativistic particles
209. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p–Pb collisions at s<inf>NN</inf>=5.02 TeV
210. Search for TeV-scale gravity signatures in high-mass final states with leptons and jets with the ATLAS detector at s=13 TeV
211. The social patterning of risk factors for noncommunicable diseases in five countries: Evidence from the modeling the epidemiologic transition study (METS)
212. A synthetic review of notoedres species mites and mange
213. Search for Higgs and Z Boson Decays to $\phi \gamma$ with the ATLAS Detector
214. “I Don’t Have Time for an Emotional Life”: Marginalization, Dependency and Melancholic Suspension in Disability
215. Characterizing the Syphilis-Causing Treponema pallidum ssp. pallidum Proteome Using Complementary Mass Spectrometry
216. Effect of a Phosphonate Antiscalant during Eutectic Freeze Crystallization of a Sodium Sulfate Aqueous Stream
217. Quark-hadron duality: Pinched kernel approach
218. RNAseq analysis of heart tissue from mice treated with atenolol and isoproterenol reveals a reciprocal transcriptional response
219. Discovery of parvovirus-related sequences in an unexpected broad range of animals
220. Unravelling the factors decisive to the implementation of EPODE-derived community approaches targeting childhood obesity: A longitudinal, multiple case study
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227. Simultaneous synthesis of flexible heat exchanger networks for unequal multi-period operations
228. A Note on the Royle–Nichols Model for Repeated Detection–Nondetection Data
229. Synthesis of mass exchange networks for single and multiple periods of operations considering detailed cost functions and column performance
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231. Just Google it: assessing the use of Google Images to describe geographical variation in visible traits of organisms
232. Engaging geographies: negotiating positionality and building relevance
233. Metabolic cost of running is greater on a treadmill with a stiffer running platform
234. Conservative management of gunshot oesophageal injuries: A report of two consecutive exceptional cases [Prise en charge conservatrice des blessures par balle oesophagiennes: Étude de deux cas consécutifs exceptionnels]
235. Responses
236. Foreword to the Subsection on Forensic Anthropology
237. On the symplectic integration of the discrete nonlinear Schrödinger equation with disorder
238. Multiple-drug intolerance syndrome: Case records from the multi-disciplinary drug hypersensitivity clinic
239. A closer look at ‘Cheap white’ cigarettes
240. An evaluation of quasi-Newton methods for application to FSI problems involving free surface flow and solid body contact
241. The influence of curing on restrained shrinkage cracking of bonded concrete overlays
242. The asthma-COPD overlap syndrome: What is it and how should we treat it?
243. A 4-fold interpenetrated diamondoid metal-organic framework with large channels exhibiting solvent sorption properties and high iodine capture
244. Editorial
245. Vikings or Normans? The Radicalism of Naturalized Metaphysics
246. Zeros of quasi-orthogonal ultraspherical polynomials
247. Buyer-seller relationships in international trade: Do your neighbors matter?
248. Wireless system for hand motor therapy toward telerehabilitation in stroke
249. The effects of graded motor imagery and its components on phantom limb pain and disability in upper and lower limb amputees: A systematic review protocol
250. Non-invasive intracranial pressure assessment
251. Microbiological yield from induced sputum compared to oropharyngeal swab in young children with cystic fibrosis
252. Coupled range dynamics of brood parasites and their hosts responding to climate and vegetation changes
253. Synthesis, structure and thermolysis of cis-dialkylplatinum(II) complexes - Experimental and theoretical perceptions
254. The Effect of Two-and Three-Level Inverters on the Core Loss of a Synchronous Reluctance Machine (SynRM)
255. DC-bus voltage balancing algorithm for three-level Neutral-Point-Clamped (NPC) traction inverter drive with modified virtual space vector
256. Aridity, not fire, favors nitrogen-fixing plants across tropical savanna and forest biomes
257. Pulsar candidates towards Fermi unassociated sources
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259. Nuclear modification factor using Tsallis non-extensive statistics
260. Speed of sound in hadronic matter using non-extensive Tsallis statistics
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262. A New Stray-Load Loss Formula for Small and Medium-Sized Induction Motors
263. On neutron stars in f(R) theories: Small radii, large masses and large energy emitted in a merger
264. Circular replication-associated protein encoding DNA viruses identified in the faecal matter of various animals in New Zealand
265. Antiplasmodial activity of compounds isolated from Erythrina caffra
266. A new method for estimating the longevity and degradation of photovoltaic systems considering weather states
268. Unlearning (Un)Located Ideas in the Provincialization of Urban Theory
269. Performance Comparison Study of Space-Vector and Modified-Carrier-Based PWM Techniques for a Three-Level Neutral-Point-Clamped Traction Inverter Drive
270. Systematic review of blood transcriptome profiling in neuropsychiatric disorders: guidelines for biomarker discovery
271. Excessive nest building is a unique behavioural phenotype in the deer mouse model of obsessive-compulsive disorder
272. A molecular and morphological reassessment of the phylogeny of the subfamily Ophioniinae (Hymenoptera: Ichneumonidae)
273. Human perceptions mirror realities of carnivore attack risk for livestock: Implications for mitigating human-carnivore conflict
274. NDRG1 overexpression promotes the progression of esophageal squamous cell carcinoma through modulating Wnt signaling pathway
275. UCLA1 aptamer inhibition of human immunodeficiency virus type 1 subtype C primary isolates in macrophages and selection of resistance
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278. Effects of Single and Multiple Blood Pressure Measurement Strategies on the Prediction of Prevalent Screen-Detected Diabetes Mellitus: A Population-Based Survey
279. Addressing the risk of maladaptation to climate change
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281. Plasticity in foraging behaviour and diet buffers effects of inter-annual environmental differences on chick growth and survival in southern rockhopper penguins Eudyptes chrysocome chrysocome
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284. Skills associated with line breaks in Elite rugby union
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286. Minimizing the impact of fishing
287. Minimum information required for a DMET experiment reporting
288. The incidence and patterns of illness at the Sochi 2014 Winter Paralympic Games: A prospective cohort study of 6564 athlete days
289. Large-scale demonstration of the sulfate reduction autotrophic denitrification nitrification integrated (SANI®) process in saline sewage treatment
290. High incidence of injury at the Sochi 2014 Winter Paralympic Games: A prospective cohort study of 6564 athlete days
291. Protection of the photosynthetic apparatus against dehydration stress in the resurrection plant Craterostigma pumilum
292. Genomoviridae: a new family of widespread single-stranded DNA viruses
293. Pulmonary hypertension and pregnancy outcomes: data from the Registry Of Pregnancy and Cardiac Disease (ROPAC) of the European Society of Cardiology
294. Safety and tolerability of once-daily tiotropium Respimat® as add-on to at least inhaled corticosteroids in adult patients with symptomatic asthma: A pooled safety analysis
295. Precision Medicine 2.0: The Rise of Glocal Innovation, Superconnectors, and Design Thinking
296. Current management of patients with severe acute peripartum cardiomyopathy: practical guidance from the Heart Failure Association of the European Society of Cardiology Study Group on peripartum cardiomyopathy
297. Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at √sNN=2.76 TeV
298. Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at √sNN=2.76 TeV
299. Search for supersymmetry in a final state containing two photons and missing transverse momentum in √s = 13 TeV pp collisions at the LHC using the ATLAS detector
300. Charged-particle distributions at low transverse momentum in √s=13 TeV pp interactions measured with the ATLAS detector at the LHC
301. Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in √s=8 TeV proton-proton collisions
302. Searches for heavy diboson resonances in pp collisions at √s=13 TeV with the ATLAS detector
303. Study of the rare decays of Bs0 and B0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector
304. Measurement of total and differential W + W – production cross sections in proton-proton collisions at √s=8 TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings
305. Measurement of jet activity in top quark events using the $\mu$ final state with two b-tagged jets in pp collisions at $\sqrt{s}$=8 TeV with the ATLAS detector
306. Search for resonances in diphoton events at $\sqrt{s}$=13 TeV with the ATLAS detector
307. Search for scalar leptoquarks in pp collisions at $\sqrt{s}$ = 13 TeV with the ATLAS experiment
308. Interactions between demography, genetics, and landscape connectivity increase extinction probability for a small population of large carnivores in a major metropolitan area
309. Apparent competition drives community-wide parasitism rates and changes in host abundance across ecosystem boundaries
310. Measurement of exclusive $\gamma\gamma \rightarrow W^+W^-$ production and search for exclusive Higgs boson production in pp collisions at $s =8$ TeV using the ATLAS detector
311. Role of grid integration of distributed generation in power quality enhancement: A review
312. Review of economic modelling for quantifying the environmental impacts of renewable energy sources
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314. Voltage calculations program for LV feeders with distributed generation
315. Short term load forecasting using artificial intelligence
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319. Forcings of nutrient, oxygen, and primary production interannual variability in the southeast Atlantic Ocean
320. Kairos moments and prophetic witness: Towards a prophetic ecclesiology
321. Characterisation of the global transcriptional response to heat shock and the impact of individual genetic variation
322. Spectroscopy of Yb 155: Structure evolution in the N=85 isotones
323. Nature of low-lying electric dipole resonance excitations in Ge 74
324. Relating $q$, $\eta/s$, and $\Delta e$ in an expanding quark-gluon plasma RELATING $q$, $\eta/s$, and $\Delta e$ in AN ...
325. Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $s =8$ TeV with the ATLAS detector
326. Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $s =13$ TeV using the ATLAS detector
327. Polymorphisms within the COL5A1 gene and regulators of the extracellular matrix modify the risk of Achilles tendon pathology in a British case-control study
328. Synthetic data products for future HI galaxy surveys: A tool for characterizing source confusion in spectral line stacking experiments
329. RENEB accident simulation exercise
330. MDGs to SDGs – new goals, same gaps: the continued absence of urban food security in the post-2015 global development agenda
331. Novel members of the adipokinetic hormone family in beetles of the superfamily Scarabaeoidea
332. The use of software as a service by students in higher education institutions: A systematic literature review
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