3141776325

imidazolium based titanosilicate nanospheres as active catalysts in carbon dioxide conversion towards a cascade reaction from alkenes to cyclic carbonates

Tags: ['titanium', 'cyclohexene', 'catalysis', 'chemical engineering', 'materials science', 'physisorption', 'covalent bond', 'cascade reaction', 'x ray photoelectron spectroscopy', 'cyclohexene oxide']

Predictions: ['catalysis', 'chemistry', 'chemical engineering', 'inorganic chemistry']

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2605528238

effects of sm 2015 on blood alcohol clearance and hangover

Tags: ['alcohol tolerance', 'alcohol and health', 'blood alcohol', 'alcohol hangover', 'medicine', 'physiology', 'healthy volunteers', 'liver function tests']

Predictions: ['medicine', 'alcohol', 'blood alcohol', 'ethanol']

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1185446156

varfor team en fallstudie pa tre foretag

Tags: ['political science', 'business administration']

Predictions: ['business']

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3154843190

territorial use rights for fisheries turf and self regulation of behaviour experimental evidence from the colombian pacific coast

Tags: ['baseline', 'business', 'fishery', 'set', 'resource']

Predictions: ['fishery', 'fishing', 'geography', 'fisheries management']

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2319684278

irlandiya i fenii 1850 1860 by a v miroshnikov pp 216 voronezh voronezh university press 1995 no price given

Tags: ['history', 'humanities']

Predictions: ['history']

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2371519541

comparison of properties of hydroxyl terminated polybutadiene synthesized via anionic polymerization to free radical hydroxyl terminated polybutadiene

Tags: ['molar mass distribution', 'glass transition', 'materials science', 'differential scanning calorimetry', 'anionic addition polymerization', 'fourier transform infrared spectroscopy', 'polymer chemistry', 'polybutadiene', 'hydroxyl terminated polybutadiene', 'radical polymerization']

Predictions: ['materials science', 'polybutadiene', 'polymer chemistry', 'polymerization', 'polymer']

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142012892

high dose irradiation in the pig small intestine histoenzymology and electron microscopic study

Tags: ['chemistry', 'cell biology', 'golgi apparatus', 'endoplasmic reticulum', 'secondary infection', 'mitosis', 'small intestine', 'lamina propria', 'regeneration', 'crypt']

Predictions: ['small intestine', 'pathology', 'electron microscopic', 'biology', 'large intestine', 'irradiation', 'electron microscope', 'anatomy']

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2032804092

a robust image reconstruction algorithm and its parallel implementation in electrical impedance tomography

Tags: ['hessian matrix', 'image resolution', 'parallel algorithm', 'algorithm', 'imaging phantom', 'iterative reconstruction', 'tomography', 'computation', 'mathematics', 'electrical impedance tomography']

Predictions: ['iterative reconstruction', 'electrical impedance tomography', 'algorithm', 'computer science', 'inverse problem', 'artificial intelligence', 'tomography', 'tomographic reconstruction', 'computer vision', 'reconstruction algorithm']

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1992999829

the acid catalyzed reaction of cycloalkanones with formaldehyde

Tags: ['cyclopentanone', 'formaldehyde', 'organic chemistry', 'chemistry', 'cyclohexanone', 'acid catalyzed']

Predictions: ['chemistry', 'catalysis', 'organic chemistry', 'cyclohexanone', 'aldehyde', 'benzaldehyde', 'acid catalyzed']

----------------------------------------------------------------------

3120323605

integrated commonsense reasoning and deep learning for transparent decision making in robotics

Tags: ['context', 'computer science', 'robot', 'robotics', 'commonsense reasoning', 'domain knowledge', 'logical reasoning', 'deep learning', 'artificial intelligence', 'human computer interaction', 'domain']

Predictions: ['computer science', 'artificial intelligence', 'machine learning']

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3135080532

chemical composition and anticholinesterase activity of cultivated bulbs from hippeastrum elegans a potential tropical source of bioactive alkaloids

Tags: ['hippeastrum', 'chemical composition', 'alkaloid', 'amaryllidaceae', 'narciclasine', 'metabolomics', 'acetylcholinesterase', 'traditional medicine', 'chemistry', 'ache']

Predictions: ['chemistry', 'botany', 'biology', 'acetylcholinesterase', 'traditional medicine', 'alkaloid']

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2863370206

ionic silocone hydrogels with improved hydrolytic stability

Tags: ['polymer chemistry', 'polymerization', 'ionic bonding', 'molar concentration', 'alkyl', 'polymer', 'chemistry', 'hydrolysis', 'contact lens', 'carboxylic acid']

Predictions: ['chemistry', 'chemical engineering', 'materials science', 'polymer chemistry']

----------------------------------------------------------------------

2359688607

the design of products face to extended producer s responsibility

Tags: ['engineering', 'function', 'order', 'industrial ecology', 'industrial organization', 'face', 'extended producer responsibility']

Predictions: ['engineering', 'face', 'manufacturing engineering']

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2072964626

abstract of free communicationsperturbations of sarcolemmal and microsomal enzymes by amphiphilic lipids and drugs

Tags: ['amphiphile', 'chemistry', 'microsomal enzymes', 'pharmacology']

Predictions: ['chemistry', 'biochemistry']

----------------------------------------------------------------------

2839796129

discharging device of copper pipe stretcher

Tags: ['baffle', 'process', 'copper', 'mechanism', 'front and back ends', 'fixture', 'mechanical engineering', 'piston rod', 'materials science', 'cylinder']

Predictions: ['materials science', 'copper', 'mechanical engineering']

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3129356532

karma yontemler arastirmasi kisa tarihi tanimi bakis acilari ve temel kavramlar mixed methods research a brief history definitions perspectives and key elements

Tags: ['conceptualization', 'turkish', 'field', 'sociology', 'multimethodology', 'quantitative analysis', 'mathematics education', 'context', 'added value', 'qualitative research']

Predictions: ['karma']

----------------------------------------------------------------------

2139492907

a blue light inducible phosphodiesterase activity in the cyanobacterium synechococcus elongatus

Tags: ['gtp', 'phosphodiesterase', 'second messenger system', 'biology', 'enzyme', 'recombinant dna', 'biochemistry', 'phototropin', 'intracellular', 'gene']

Predictions: ['chemistry', 'biochemistry', 'biology', 'synechococcus']

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3115372375

multi layer sample thawing frame

Tags: ['hook', 'frame', 'multi layer', 'limiting', 'mechanical engineering', 'sample', 'computer science']

Predictions: ['frame', 'materials science', 'sample']

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3031176978

multi responsive lanthanide based hydrogel with encryption naked eye sensing shape memory self healing and antibacterial activity

Tags: ['nanotechnology', 'lanthanide', 'antibacterial activity', 'self healing', 'materials science', 'encryption', 'shape memory alloy', 'naked eye']

Predictions: ['self healing', 'self healing hydrogels', 'materials science', 'nanotechnology', 'antibacterial activity']

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2974621590

quality control of quinine in pharmaceutical forms tablets find east of the democratic republic of congo

Tags: ['chromatography', 'active ingredient', 'quality', 'quinine', 'medicine', 'color reaction']

Predictions: ['quality']

----------------------------------------------------------------------

2283112093

alternative demographic futures and the composition of the demand for labor by industry and by occupation

Tags: ['earnings', 'economics', 'population', 'human resources', 'secondary sector of the economy', 'labour economics', 'projections of population growth', 'population growth', 'service', 'futures contract']

Predictions: ['labour economics', 'composition', 'economics']

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1502296578

high temperature thermal barrier coating

Tags: ['chemical engineering', 'gas turbines', 'materials science', 'thermal', 'thermal barrier coating']

Predictions: ['materials science', 'thermal barrier coating', 'composite material', 'coating', 'layer', 'thermal']

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2863729350

method for determining weight per unit area of transition layer on metal

Tags: ['atmospheric temperature range', 'reference surface', 'layer', 'absorptance', 'shutter', 'materials science', 'composite material', 'molar absorptivity', 'absorption', 'thermal radiation']

Predictions: ['materials science', 'layer', 'metal']

----------------------------------------------------------------------

2461538799

sleep cybernetics in shift work

Tags: ['cognitive psychology', 'psychology', 'cybernetics', 'shift work', 'sleep', 'psychoanalysis']

Predictions: ['sleep', 'cybernetics', 'psychology']

----------------------------------------------------------------------

2418936428

pyelographic control of pyelotomized for renal calculi

Tags: ['medicine', 'urology', 'pyelogram']

Predictions: ['medicine', 'urinary system', 'urology']

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2616309951

패션기업의 노력이 csr 사회관계성과 친사회적 소비행동에 미치는 영향

Tags: ['corporate social responsibility', 'political science', 'path analysis', 'marketing', 'consciousness', 'social relationship', 'social psychology']

Predictions: ['materials science']

----------------------------------------------------------------------

2997484806

a historia das doencas e dos saberes medicos nos livros didaticos brasileiros de historia

Tags: ['humanities', 'philosophy']

Predictions: ['humanities', 'art']

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3154676770

room temperature sputtered tungsten doped indium oxide for improved current in silicon heterojunction solar cells

Tags: ['layer', 'materials science', 'indium', 'oxide', 'magnesium fluoride', 'tungsten', 'current', 'doping', 'optoelectronics', 'silicon']

Predictions: ['materials science', 'optoelectronics', 'doping', 'silicon', 'solar cell', 'heterojunction']

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3158577445

tmem41b and vmp1 are scramblases and regulate the distribution of cholesterol and phosphatidylserine

Tags: ['biology', 'lipid droplet', 'host factor', 'integral membrane protein', 'organelle biogenesis', 'phospholipid scramblase', 'endoplasmic reticulum', 'phosphatidylserine', 'cell biology', 'seipin']

Predictions: ['biology', 'cell biology']

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2036610069

methods for controlling a two section reactor

Tags: ['section', 'materials science', 'reactivity', 'process control', 'nuclear engineering', 'nuclear reactor']

Predictions: ['nuclear engineering', 'nuclear reactor', 'section', 'materials science']

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3139012868

counteractions between biotic and abiotic factors on methane dynamics in a boreal peatland vegetation composition change vs warming and nitrogen deposition

Tags: ['graminoid', 'vegetation', 'global change', 'environmental science', 'peat', 'boreal', 'climate change', 'atmospheric sciences', 'global warming', 'context']

Predictions: ['peat', 'bog', 'environmental science', 'tundra', 'boreal', 'ecosystem', 'ombrotrophic', 'biogeochemistry', 'mire', 'ecology', 'environmental chemistry', 'nitrogen cycle', 'sphagnum']

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2840513295

n cyclopropyl n fluorophenyl urea derivatives as herbicides

Tags: ['urea derivatives', 'chemistry', 'medicinal chemistry']

Predictions: ['chemistry', 'medicinal chemistry', 'alkyl']

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2053321916

toxicokinetics of t 2 toxin and its major metabolites in broiler chickens after intravenous and oral administration

Tags: ['triol', 'bioavailability', 'oral administration', 'trichothecene', 'broiler', 'pharmacology', 'chemistry', 'toxin', 'cmax', 'toxicokinetics']

Predictions: ['pharmacokinetics', 'oral administration', 'pharmacology', 'volume of distribution', 'chemistry', 'half life', 'toxicokinetics', 'bioavailability', 'cmax', 'biological half life']

----------------------------------------------------------------------

3148545458

home governments and mnes in russia relationships and mne external legitimacy

Tags: ['legitimacy', 'business', 'adversarial system', 'government', 'political economy', 'state', 'multinational corporation']

Predictions: ['legitimacy', 'business', 'multinational corporation']

----------------------------------------------------------------------

2300067752

some fixed point theorems for a\_w maps

Tags: ['mathematics', 'fixed point', 'common fixed point', 'discrete mathematics', 'fixed point theorem']

Predictions: ['mathematics', 'fixed point property', 'kakutani fixed point theorem', 'fixed point', 'fixed point theorem', 'coincidence point', 'common fixed point', 'schauder fixed point theorem', 'brouwer fixed point theorem', 'least fixed point', 'common fixed point theorem', 'discrete mathematics']

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3081351726

trim22 inhibits respiratory syncytial virus replication by targeting jak stat1 2 signaling

Tags: ['immune system', 'virology', 'viral replication', 'stat1', 'trim family', 'trim22', 'biology', 'downregulation and upregulation', 'virus', 'interferon']

Predictions: ['biology', 'virology', 'virus', 'viral replication']

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32221172

calliopum tripodium sp n a new lauxaniid species from andorra

Tags: ['botany']

Predictions: ['biology', 'geography', 'botany']

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3153429473

differential expression of notch related genes in dental pulp stem cells and stem cells isolated from apical papilla

Tags: ['notch signaling pathway', 'biology', 'dental pulp stem cells', 'cell type', 'cell biology', 'stem cell', 'mesenchymal stem cell', 'neural crest', 'pulp', 'hes1']

Predictions: ['dental pulp stem cells', 'stem cell', 'biology', 'odontoblast', 'cell biology', 'stem cell marker', 'mesenchymal stem cell', 'cellular differentiation', 'periodontal ligament stem cells']

----------------------------------------------------------------------

3157776556

a discussion on hydrogen migration in rock salt for tight underground storage with an insight into a laboratory setup

Tags: ['underground storage', 'petroleum engineering', 'environmental science', 'model parameters', 'hydrogen']

Predictions: ['aquifer']

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3148509036

preparation of black phosphorus quantum dots and the surface decoration effect on the monolayer mos2 photodetectors

Tags: ['monolayer', 'photodetector', 'materials science', 'dark current', 'quantum dot', 'responsivity', 'photodetection', 'optoelectronics', 'power density', 'order of magnitude']

Predictions: ['materials science', 'quantum dot', 'optoelectronics', 'monolayer', 'black phosphorus', 'photodetector', 'photoluminescence']

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3155157729

stopping criteria for technology assisted reviews based on counting processes

Tags: ['systems engineering', 'computer science']

Predictions: ['computer science', 'process']

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2324353296

primary cavitary sarcoidosis high resolution ct findings

Tags: ['high resolution', 'tomography', 'sarcoidosis', 'medicine', 'medline', 'ct findings', 'radiology']

Predictions: ['medicine', 'sarcoidosis', 'radiology', 'calcification', 'pathology']

----------------------------------------------------------------------

2259190932

antibiotics the role of the veterinarian animal health the doctor s note

Tags: ['veterinary medicine', 'antibiotics', 'family medicine', 'herd', 'medicine', 'animal health']

Predictions: ['medicine', 'antibiotics', 'family medicine']

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3123520361

die smart city als reallabor

Tags: ['humanities', 'smart city', 'engineering']

Predictions: ['engineering']

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2748234488

successful treatment of ebola virus infected nonhuman primates with monoclonal antibodies

Tags: ['virus', 'virology', 'monoclonal antibody', 'biology', 'monoclonal', 'antibody', 'ebola virus']

Predictions: ['ebola virus', 'virology', 'biology', 'antibody', 'monoclonal antibody', 'virus', 'ebolavirus', 'immunology', 'antigen']

----------------------------------------------------------------------

2779893679

high durability electrode catalyst for fuel cell and fuel cell using the same

Tags: ['durability', 'platinum', 'degradation', 'materials science', 'electrode', 'alloy', 'carbon', 'catalysis', 'metal', 'chemical engineering']

Predictions: ['materials science', 'fuel cells', 'catalysis', 'membrane electrode assembly', 'electrode', 'chemical engineering', 'electrolyte', 'proton exchange membrane fuel cell']

----------------------------------------------------------------------

3085060847

genetic algorithm based robust controller for an inverted pendulum using model order reduction

Tags: ['control system', 'overshoot', 'response time', 'control theory', 'controller', 'inverted pendulum', 'position', 'settling time', 'computer science', 'pid controller']

Predictions: ['control theory', 'inverted pendulum', 'computer science', 'controller']

----------------------------------------------------------------------

3134585895

effect of process control agents on mechanically alloyed al0 3cocrfeni

Tags: ['process control', 'contamination', 'materials science', 'chemical engineering', 'toluene', 'spark plasma sintering', 'methanol', 'alloy', 'annealing', 'phase']

Predictions: ['materials science', 'metallurgy', 'alloy']

----------------------------------------------------------------------

2827491415

solid rock development device

Tags: ['vertical plane', 'geology', 'development', 'mechanical engineering', 'hydraulic pump', 'intensity', 'solid rock', 'frame', 'power', 'hammer']

Predictions: ['geology', 'materials science']

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2067644340

a randomized trial of lifestyle modification and taranabant for maintaining weight loss achieved with a low calorie diet

Tags: ['randomized controlled trial', 'physical therapy', 'randomization', 'weight loss', 'placebo', 'internal medicine', 'medicine', 'obesity', 'clinical endpoint', 'adverse effect', 'taranabant']

Predictions: ['medicine', 'weight loss', 'obesity', 'randomized controlled trial', 'calorie', 'weight management', 'internal medicine', 'weight gain', 'overweight']

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2767383497

low noise single photon detector for the 1 5 μm wavelength region

Tags: ['low noise', 'noise', 'measuring instrument', 'optics', 'photon detector', 'particle detector', 'semiconductor device', 'wavelength', 'optoelectronics', 'photodiode', 'physics']

Predictions: ['detector', 'optics', 'physics', 'photon counting', 'photodetector', 'materials science', 'noise', 'responsivity', 'optoelectronics', 'avalanche photodiode', 'shot noise', 'photon', 'photodiode']

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3131275682

recurrent angioedema induced by statins

Tags: ['dermatology', 'medicine', 'pharmacovigilance', 'angioedema']

Predictions: ['medicine', 'angioedema', 'hereditary angioedema', 'internal medicine']

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3154889735

exploring the adoption of e bicycle for student mobility in rural and urban areas of tanzania

Tags: ['software deployment', 'obstacle', 'activity based costing', 'business', 'motor power', 'tanzania', 'educational achievement', 'rural area', 'marketing', 'purchasing']

Predictions: ['tanzania', 'rural area', 'rural electrification', 'geography', 'socioeconomics', 'economic growth', 'business']

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3136670598

a neural architecture search based framework for liquid state machine design

Tags: ['image', 'biological plausibility', 'liquid state machine', 'network architecture', 'structure', 'simulated annealing', 'spiking neural network', 'data mining', 'power', 'computer science']

Predictions: ['computer science', 'artificial neural network', 'artificial intelligence', 'machine learning']

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2498266389

mechanical ventilation in the icu

Tags: ['anesthesia', 'medicine', 'mechanical ventilation']

Predictions: ['medicine', 'ventilation', 'mechanical ventilation', 'anesthesia']

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2558999979

analisis sosiopragmatik pada tindak tutur komunitas pemain game online di kota solo

Tags: ['adverb', 'linguistics', 'communication', 'class', 'part of speech', 'noun', 'computer science', 'adjective', 'verb', 'unstructured interview', 'context analysis']

Predictions: ['psychology']

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3153404564

possibilities of modified atmosphere packaging to prevent the occurrence of internal fruit rot in bell pepper fruit capsicum annuum caused by fusarium spp

Tags: ['cultivar', 'modified atmosphere', 'fusarium', 'biology', 'titratable acid', 'pepper', 'host', 'capsicum annuum', 'shelf life', 'horticulture']

Predictions: ['horticulture', 'biology', 'pepper', 'postharvest', 'capsicum annuum', 'fruit rot', 'botany', 'food spoilage']

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1504192746

cultan in winterprei onderzoek naar de beschikbaarheid van stikstof tijdens en na de winterperiode verslag van een veldproef te roggel 2006 2007

Tags: ['field tests', 'art', 'humanities']

Predictions: ['humanities']

----------------------------------------------------------------------

3137515675

in situ prepared mil 53 fe bioi photocatalyst for efficient degradation of tetracycline under visible light driven photo fenton system investigation of performance and mechanism

Tags: ['hydrothermal circulation', 'degradation', 'electron paramagnetic resonance', 'visible spectrum', 'chemical engineering', 'photocatalysis', 'heterojunction', 'materials science', 'singlet oxygen', 'composite number']

Predictions: ['photocatalysis', 'visible spectrum', 'degradation', 'photodegradation', 'materials science', 'photochemistry', 'nanoparticle']

----------------------------------------------------------------------

1550223357

modelo para la identificacion de la imagen del turismo rural tecnica estructurada y no estructurada

Tags: ['cartography', 'destination image', 'humanities', 'geography']

Predictions: ['geography', 'humanities']

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3135605153

flexible thermoplastic polyurethane carbon nanotube composites for electromagnetic interference shielding and thermal management

Tags: ['electrical conductor', 'composite material', 'emi', 'thermoplastic polyurethane', 'stretchable electronics', 'thermal conductivity', 'electromagnetic shielding', 'carbon nanotube', 'materials science', 'nanocomposite']

Predictions: ['materials science', 'composite material', 'composite number', 'electromagnetic interference shielding', 'carbon nanotube', 'thermoplastic polyurethane']

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2997713998

crossing the ethnic divide

Tags: ['ethnic group', 'sociology', 'genealogy']

Predictions: ['ethnic group', 'gender studies']

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2157884853

coordinator rotation via domatic partition in self organizing sensor networks

Tags: ['load balancing', 'computer network', 'distributed computing', 'scalability', 'computer science', 'wireless sensor network', 'energy consumption', 'domatic number', 'cluster analysis', 'key distribution in wireless sensor networks', 'energy conservation']

Predictions: ['computer science', 'wireless sensor network', 'distributed computing', 'cluster analysis']

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39454049

single use microfluidic device with photosensor for electrochemiluminescent detection of targets

Tags: ['single use', 'current', 'photodetector', 'microfluidics', 'chemistry', 'nanotechnology', 'electrode']

Predictions: ['materials science', 'optoelectronics', 'fluorescence']

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3062631022

rapid automatized naming ran effects of aging on a predictor of reading skill

Tags: ['cognition', 'psychology', 'cognitive psychology', 'ran', 'reading', 'task', 'rapid automatized naming']

Predictions: ['psychology', 'developmental psychology', 'reading', 'cognitive psychology', 'cognition']

----------------------------------------------------------------------

2942547466

man with severe eye pain impaired vision and purulent discharge

Tags: ['anesthesia', 'medicine', 'impaired vision', 'purulent discharge']

Predictions: ['medicine']

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2510874071

improved hinge for wind turbine blades

Tags: ['geology', 'particulate material', 'turbine blade', 'hinge', 'turbine', 'structural engineering']

Predictions: ['structural engineering', 'turbine', 'blade', 'geology', 'turbine blade', 'hinge']

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3082541584

late presenters among minority patients with chronic hepatitis c infection in the usa

Tags: ['chronic hepatitis', 'hepatocellular carcinoma', 'public health', 'stage', 'liver fibrosis', 'fibrosis', 'medicine', 'internal medicine', 'ethnic group', 'late presenters']

Predictions: ['medicine', 'hepatitis c', 'hepatitis c virus', 'hepatitis', 'internal medicine']

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2600155938

energy security with clean and green energy

Tags: ['energy security', 'environmental science', 'environmental economics', 'renewable energy', 'efficient energy use']

Predictions: ['energy', 'energy security', 'efficient energy use', 'energy development', 'environmental economics', 'renewable energy', 'energy policy', 'natural resource economics', 'electricity']

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2967999190

drug release from microparticulate systems

Tags: ['pharmacology', 'drug release', 'chemistry']

Predictions: ['drug delivery', 'chemistry', 'drug']

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2019159304

application of oil and gas technology for containment of liquid contaminants

Tags: ['waste management', 'petroleum engineering', 'industrial gas', 'environmental science', 'contamination', 'fossil fuel', 'separator']

Predictions: ['waste management', 'environmental science', 'containment', 'contamination']

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3159040818

a novel method to determine the optimal operating point for centrifugal pumps applied in photovoltaic pumping systems

Tags: ['centrifugal pump', 'operating point', 'computer science', 'voltage', 'solar irradiance', 'range', 'photovoltaic system', 'irradiance', 'point', 'automotive engineering']

Predictions: ['photovoltaic system', 'centrifugal pump']

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3153377400

parents perceived goals for early mathematics learning and their relations with children s motivation to learn mathematics

Tags: ['socioeconomic status', 'motivation to learn', 'scale', 'developmental psychology']

Predictions: ['psychology', 'mathematics education', 'developmental psychology']

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3141459394

potential of commercial sin mpw platforms for developing mid high resolution integrated photonic spectrographs for astronomy

Tags: ['spectrograph', 'wafer', 'arrayed waveguide grating', 'fabrication', 'waveguide', 'photonics', 'computer science', 'astronomy', 'miniaturization', 'spectrometer']

Predictions: ['optics', 'spectrograph', 'telescope', 'spectrometer', 'grism', 'spectral resolution', 'physics', 'high resolution']

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1548711520

feature extraction based on mel scaled wavelet packet transform for the diagnosis of voice disorders

Tags: ['voice disorder', 'wavelet', 'lifting scheme', 'feature extraction', 'computer science', 'pattern recognition', 'artificial neural network', 'artificial intelligence', 'wavelet packet decomposition', 'speech recognition', 'discrete wavelet transform', 'second generation wavelet transform']

Predictions: ['wavelet', 'pattern recognition', 'wavelet transform', 'wavelet packet decomposition', 'computer science', 'speech recognition', 'artificial intelligence', 'feature extraction', 'discrete wavelet transform', 'mel frequency cepstrum', 'stationary wavelet transform', 'feature', 'second generation wavelet transform']

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3142045840

human performance evaluation of user interfaces for spatially constrained text portrayal and access

Tags: ['user interface', 'response time', 'computer science', 'data access', 'dialog box', 'interface', 'human computer interaction', 'visualization', 'object', 'alphanumeric']

Predictions: ['computer science', 'human computer interaction', 'user interface', 'user interface design']

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3136422169

predicting the abatement rates of soil organic carbon sequestration management in western european vineyards using random forest regression

Tags: ['forestry', 'greenhouse gas', 'cover crop', 'environmental science', 'agricultural land', 'viticulture', 'climate change', 'soil carbon', 'national level', 'soil water']

Predictions: ['environmental science', 'soil carbon']

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2183577969

campanula kapelae the new species within campanula pyramidalis agg

Tags: ['campanula', 'biology', 'botany']

Predictions: ['biology', 'botany']

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3025070997

supply chain information sharing under consideration of bullwhip effect and system robustness

Tags: ['information sharing', 'reliability engineering', 'bullwhip effect', 'information transparency', 'inventory level', 'inventory cost', 'supply chain', 'robustness', 'overall performance', 'computer science']

Predictions: ['supply chain', 'bullwhip effect', 'supply chain management', 'business', 'computer science', 'bullwhip', 'demand chain', 'supply chain network']

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3126686032

large time existence of euler korteweg equations and two fluid euler maxwell equations with vorticity

Tags: ['upper and lower bounds', 'inverse', 'vorticity', 'conservative vector field', 'norm', 'euler s formula', 'mathematical analysis', 'mathematics', 'smoothness', 'maxwell s equations']

Predictions: ['euler equations', 'euler s formula', 'mathematics', 'semi implicit euler method', 'mathematical analysis', 'eulerian path', 'backward euler method']

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44857585

method for determining the reliability of men s contraceptives

Tags: ['reliability engineering', 'reliability', 'computer science']

Predictions: ['computer science', 'reliability engineering', 'statistics', 'reliability']

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3155128251

strength evaluation of continuous curvilinear variable stiffness panels with circular cutouts under biaxial normal loading and off design conditions

Tags: ['off design', 'curvilinear coordinates', 'structural engineering', 'variable stiffness', 'materials science']

Predictions: ['structural engineering', 'stiffness', 'finite element method', 'engineering']

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3157806814

proposing a regional normative framework for limiting the potential for unintentional or escalatory engagements with increasingly autonomous weapon systems

Tags: ['limiting', 'law and economics', 'political science', 'normative']

Predictions: ['political science', 'normative']

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2591342983

help with retirement planning

Tags: ['retirement planning', 'engineering', 'public administration']

Predictions: ['retirement planning', 'business']

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3118703835

infrared image stream based regressors for contactless machine prognostics

Tags: ['pattern recognition', 'prognostics', 'preprocessor', 'artificial neural network', 'degradation', 'interference', 'image', 'layer', 'convolutional neural network', 'computer science', 'artificial intelligence']

Predictions: ['artificial intelligence', 'computer science', 'computer vision']

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2065999397

application of probabilistic neural network in bonding quality ultrasonic detection of composite material

Tags: ['data mining', 'probabilistic neural network', 'machine learning', 'quality', 'computer science', 'artificial intelligence', 'ultrasonic detection']

Predictions: ['ultrasonic sensor', 'artificial neural network', 'materials science', 'computer science']

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2416635052

treatment of 60 cases of acute gastroenteritis in the swedish united nations battalion in the congo elizabethville in the autumn of 1961 a practical comparison of the effects of dibromoxyquinoline and iodochloroxyquinoline under active service conditions

Tags: ['family medicine', 'acute gastroenteritis', 'service', 'medicine', 'pediatrics', 'military medicine']

Predictions: ['medicine']

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2413868296

acetyltransferase activity and production of platelet activating factor by human neutrophils activated with various stimuli

Tags: ['platelet activating factor', 'acetyl coa', 'biosynthesis', 'acetyltransferase', 'molecular biology', 'stimulation', 'enzyme', 'enzyme assay', 'chemistry', 'biological activity']

Predictions: ['chemistry', 'platelet activating factor', 'biochemistry', 'platelet']

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2136439302

displacement method for the long term analysis of steel concrete beams with flexible connection

Tags: ['materials science', 'structural engineering', 'deformation', 'composite construction', 'prestressed concrete', 'displacement', 'beam', 'vertical displacement', 'curvature', 'bending']

Predictions: ['structural engineering', 'beam', 'finite element method', 'engineering', 'displacement']

----------------------------------------------------------------------

3085037155

the watch second shaft device is easy to assemble

Tags: ['geology', 'block', 'groove', 'fixed block', 'mechanical engineering', 'rotating disc', 'blind hole', 'mount']

Predictions: ['mechanical engineering', 'computer science']

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2787585586

the dirac operator under collapse to a smooth limit space

Tags: ['mathematical physics', 'collapse', 'space', 'differential operator', 'riemannian manifold', 'spin', 'dirac operator', 'sequence', 'spectrum', 'mathematics']

Predictions: ['mathematics', 'operator', 'mathematical analysis']

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3130168258

partnership management between vocational schools with the world of business and industry to improve the quality of graduates who are ready to work

Tags: ['competence', 'human resources', 'internship', 'human resource management', 'certification', 'engineering management', 'vocational education', 'general partnership', 'curriculum', 'business']

Predictions: ['vocational education', 'quality', 'business', 'work', 'public relations']

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2433053926

cerebral bruit in pregnancy

Tags: ['internal medicine', 'pregnancy', 'medicine', 'bruit', 'cardiology']

Predictions: ['medicine', 'pregnancy', 'obstetrics']

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1978037593

a correlation study of large potassium neutral clusters

Tags: ['cluster', 'potassium', 'crystallography', 'atomic cluster', 'electronic structure', 'chemistry', 'stereochemistry', 'electronic correlation', 'ab initio']

Predictions: ['chemistry', 'cluster', 'potassium', 'molecular physics', 'atomic physics']

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3146283635

in plane elasticity of a novel vertical strut combined re entrant honeycomb structure with negative poisson s ratio

Tags: ['elasticity', 'auxetics', 'timoshenko beam theory', 'materials science', 'bending', 'honeycomb structure', 'mechanics', 'shearing', 'computer simulation', 'poisson s ratio']

Predictions: ['poisson s ratio', 'honeycomb', 'structural engineering', 'honeycomb structure', 'finite element method', 'materials science', 'geometry']

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3048443438

the poor fit of model fit for selecting number of factors in exploratory factor analysis for scale evaluation

Tags: ['scale', 'monte carlo method', 'exploratory factor analysis', 'cutoff', 'mathematics', 'latent variable model', 'statistics']

Predictions: ['psychology', 'psychometrics', 'statistics', 'scale', 'factor structure', 'exploratory factor analysis', 'item response theory', 'confirmatory factor analysis', 'goodness of fit', 'rasch model', 'factorial']

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3120370358

biocidal chitosan magnesium oxide nanoparticles via a green precipitation process

Tags: ['nanoparticle', 'nuclear chemistry', 'particle size', 'chitosan', 'mtt assay', 'magnesium', 'antibacterial activity', 'biopolymer', 'chemistry', 'precipitation']

Predictions: ['nanoparticle', 'chitosan', 'chemistry', 'nuclear chemistry', 'chemical engineering']

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3146576044

multifunctional donor acceptor conjugated polymers containing isoindigo and benzothiadiazole moieties for electrochromic photoelectric sensor 2 4 6 trinitrophenol detection and resistance memory device

Tags: ['photoluminescence', 'electrochromism', 'conjugated system', 'acceptor', 'materials science', 'solubility', 'quantum efficiency', 'polymer', 'photochemistry', 'stille reaction']

Predictions: ['materials science', 'polymer', 'photochemistry', 'electrochromism', 'pedot pss', 'conjugated system', 'optoelectronics', 'photochromism']

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2843476710

the gas range having a roasting function

Tags: ['function', 'roasting', 'analytical chemistry', 'range', 'materials science']

Predictions: ['materials science']

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2102150220

a newton type current injection model of upfc for studying low frequency oscillations

Tags: ['convergence', 'control theory', 'flexible ac transmission system', 'frequency domain', 'low frequency oscillation', 'control system', 'electric power system', 'unified power flow controller', 'engineering', 'newton s method']

Predictions: ['physics', 'current', 'mechanics']

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