

recent advances on soft pdf

In the following sections, we identify broad categories of works related to CNN. Fig. 1 shows the hierarchically-structured taxonomy of this paper. We first give an overview of the basic components of CNN in Section 2. Then, we introduce some recent improvements on different aspects of CNN including convolutional layer, pooling layer, activation function, loss function, regularization and ...

Recent advances in convolutional neural networks

This review reports the recent advances in the most important and straightforward synthetic protocols for incorporating catechols into (bio)polymers, and discusses the emerging applications of these innovative multifunctional materials in biomedical, energy storage and environmental applications.

Recent advances in the synthesis of catechol-derived (bio

Coral reefs are under threat on multiple fronts, due to the effects of climate change, with the latest predictions suggesting that 'coral bleaching' events (when corals lose the symbiotic algae ...

Recent advances in understanding coral resilience are

<http://www.snl.com/web/client?auth=inherit>

TP53, encoding p53, is one of the most famous tumor suppressor genes. The majority of human cancers demonstrate the inactivation of the p53 pathway. Mutant p53 not only, no longer, functions as a tumor suppressor but can also exert tumor-promoting effects. The basic function of p53 is to respond to cellular stress. We herein review the recent advances in p53 research and focus on apoptosis ...

Recent Advances in p53 Research and Cancer Treatment

The inherent specificity and electrochemical reversibility of enzymes poise them as the biorecognition element of choice for a wide range of metabolites. To use enzymes efficiently in biosensors, the redox centers of the protein should have good electrical communication with the transducing electrode, which requires either the use of mediators or tedious biofunctionalization approaches.

Direct metabolite detection with an n-type accumulation

The Oncologist is a journal devoted to medical and practice issues for surgical, radiation, and medical oncologists.

Early Edition Articles (date view) - AlphaMed Press

Shape memory polymers (SMPs) belong to a class of smart polymers, which have drawn considerable research interest in last few years because of their applications in microelectromechanical systems,...

Recent advances in shape memory polymers and composites: a

IEEE Computer Society. The IEEE Computer Society is the world's leading membership organization dedicated to computer science and technology. It serves over 60,000 members and is the computing professionals' single, unmatched source for technology information, inspiration and collaboration.

Skillsoft Online Learning Resources | eLearning Providers

The Future of Jobs and Jobs Training. As robots, automation and artificial intelligence perform more tasks and there is massive disruption of jobs, experts say a wider array of education and skills-building programs will be created to meet new demands.

Experts on the Future of Work, Jobs Training and Skills

Magnetic skyrmions are particle-like chiral twists of the magnetization that promise advances in spin-based data storage and logic device applications.

Advanced Materials - Wiley Online Library

Show, Attend and Tell: Neural Image Caption Generation with Visual Attention Kelvin Xu
KELVIN.XU@UMONTREAL.CA Jimmy Lei Ba JIMMY@PSI.UTORONTO.CA Ryan Kiros
RKIROS@CS.TORONTO.EDU Kyunghyun Cho KYUNGHYUN.CHO@UMONTREAL.CA

Show, Attend and Tell: Neural Image Caption Generation with

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Scanning wave photopolymerization enables dye-free

The perspective is part of a series published by Science to explore issues related to the environmental impact of polymers, including their source (petroleum vs. biosources), advances in recycling ...

Scientific advances can make it easier to recycle plastics

THE MILLENNIUM DEVELOPMENT GOALS REPORT 2010 3 Foreword The Millennium Declaration in 2000 was a milestone in international cooperation, inspiring development

The Millennium Development Goals Report - un.org

A ballistic vest or bullet-resistant vest, often called a bulletproof vest, is an item of personal armor that helps absorb the impact and reduce or stop penetration to the body from firearm-fired projectiles and shrapnel from explosions, and is worn on the torso. Soft vests are made of many layers of woven or laminated fibres and can protect the wearer from small-calibre handgun and shotgun ...

Bulletproof vest - Wikipedia

Preliminary versions of economic research. Did Consumers Want Less Debt? Consumer Credit Demand Versus Supply in the Wake of the 2008-2009 Financial Crisis

Economic Research - Federal Reserve Bank of San Francisco

Esophageal achalasia, often called simple achalasia, is a failure of smooth muscle fibers to relax, which can cause the lower esophageal sphincter to remain closed. Without a modifier, "achalasia" usually refers to achalasia of the esophagus. Achalasia can happen at various points along the gastrointestinal tract; achalasia of the rectum, for instance, may occur in Hirschsprung's disease.

[Cambridge IGCSE Biology Teacher's CDD.Gray-man, Vol. 1 \(D.Gray-man, #1\) - Chakras For Beginners: Beginners Guide for Chakra Healing Discipline. Learn 7 Chakras and Open up Yourself to Healthier and Happier Life \(Chakras for beginners, chakra healing, chakras\) - Coin of the Realm: What It Is? Or, Talks about Gold and Silver Coins, with a Few Practical Lessons Based on Norman's Single Grain System. Also, as an Appendix, an Exchange Calculus, Five Papers and a Memorandum on Money, with Valuable and Original...](#) - [Conquering the Metadata Foundations of Final Cut Pro X - College Success Simplified - Career Development & Planning: A Comprehensive Approach - Combat to Catwalk: The Amazing Story of the Girl Who Went from Army Hero to Miss England: The Amazing Story of the Girl Who Went from Army Hero to Miss England - Christian Romance: Dangerous Consequence \(Christian Romance Series, Christian Romance Suspense Book 7\) - Corporate Income Tax: Effective Tax Rates Can Differ Significantly from the Statutory Rate: Report to Congressional Requesters. - Chisholm's All-Round Route and Panoramic Guide of the St. Lawrence, Hudson River, Saratoga, Trenton Falls, Niagara ... and Western Tourist's Guide to the Famous Summer Resorts of the Great Far West, Embracing Detroit, Chicago, Milwaukee, St. Paul, Min...](#)[Chi-Solution-Focused Therapy](#)[Chi's Sweet Home, Volume 1 - CliffsNotes on Tolkien's The Lord of the Rings & The Hobbit \(Cliffsnotes Literature Guides\) - Chapters from future history - By the Light of the Jukebox - Catalogue of Valuable Modern Paintings by Masters of the American, English, French and Other Continental Schools: To Be Sold by Auction \(Classic Reprint\) - Charlotte Brontë« 'Jane Eyre' And 'Villette': A Casebook](#)[Shirley, by Charlotte Brontë; ½ - Buyers Generation: How to Build a Buyers List for Unlimited Future Profits - Broken: Part Six \(Mills & Boon Spice\) - Climate Finance: Regulatory and Funding Strategies for Climate Change and Global Development - Coast Guard: Changes to Deepwater Plan Appear Sound, and Program Management Has Improved, But Continued Monitoring Is Warranted - Clinical Optics Primer for Ophthalmic Medical Personnel: A Guide to Laws, Formulae, Calculations, and Clinical Applications - Business Continuity Planning: A Step-By-Step Guide with Planning Forms - CIMA Official Learning System Fundamentals of Ethics, Corporate Governance and Business Law](#)[CIMA Official Study Text - P3 Risk Management](#)[CIMA P1 Management Accounting - Citroen Berlingo And Peugeot Partner Petrol And Diesel Service And Repair Manual: 1996 To 2005 \(Haynes Service And Repair Manuals\)](#)[Citroen Berlingo And Peugeot Partner Petrol And Diesel Service And Repair Manual: 1996 To 2005 \(Haynes Service And Repair Manuals\) - Complete Guide to Online High Schools: Distance Learning Options for Teens and Adults - Collection of fascinating images of beautiful girls - CHI CA VOL3 - Coyote Home: Coyote Hunger Book 1 - Bright Lights Paris: Shop, Dine & Live...Parisian Style](#)[Dining with Angels: Bits & Bites from the Demonica Universe](#)[Dining with Sherlock Holmes: A Baker Street Cookbook](#)[Dinka Folktales: African Stories From The Sudan - Cakes Men Like - Colorado Atlas and Gazetteer - Chemistry of Corrosion Inhibitors in Potable Water](#)[Water Chemistry, Second Edition - Cat Seventeenth Century Italian Books - California Vistas: Ancient Civilizations \(Teacher's Edition, Volume 1\) - Business Objects: BusinessObjects Web Intelligence XI V3.1 - Connections: A World History, Volume 1 \[with Prentice Hall Atlas of the World\] - Computer Relaying For Power Systems - Conversations with Bhagavan Sri Sathya Sai Baba - Browning Machine Gun Caliber .50, HB, M2, Plus 500 free US military manuals and US Army field manuals when you sample this book -](#)