



Best STUDENT

Introduzione al ciclo di seminari

Docenti: *Dario Allegra – Filippo Milotta*



Introduzione al ciclo di seminari

- Cos'è il programma **BeSTUDENT** ?
- Qual è l'**obiettivo** di questi seminari ?
- **Quanti seminari** saranno organizzati all'interno del programma ?
- **Quali argomenti** saranno trattati ?



➤ **Seminari curati da docenti dell'Università di Catania**

➤ **Impostare un buono schema per la tesi**

- Lo schema degli articoli scientifici

➤ **Come cercare le Fonti bibliografiche**

- Siti web / motori di ricerca principali per gli articoli scientifici
- Fonti buone e fonti... meno buone
- Indici bibliometrici

➤ **Come svolgere una ricerca scientifica**

- Il metodo scientifico
- Il ruolo dell'inglese nella ricerca scientifica
- Abstracts, short e long papers, surveys, reports
- LaTeX

→ Dalla teoria ...

➤ **Seminari curati da esperti dal mondo delle aziende**

➤ **Il ruolo emergente del Data Scientist**

- Awareness su Machine Learning
- Il ciclo di vita della Data Science
- Strumenti Avanzati per la Data Analysis

➤ **IoT**

- La Manutenzione Predittiva

➤ **Javascript e Mobile Dev**

➤ **Altro...**

→ ... alla pratica

Organizzazione dei Seminari:

- Pre-test
- Lezione interattiva frontale
- Sessione pratica
- Sintesi della lezione
- Post-test

Gruppo Telegram

<https://t.me/joinchat/C9f-ZBQWmEjN2r61GaP4RQ>





BEST STUDENT

Incontro#1

Impostare un buono schema per la tesi

Docenti: *Dario Allegra – Filippo Milotta*

Incontro#1 : Pre-Test

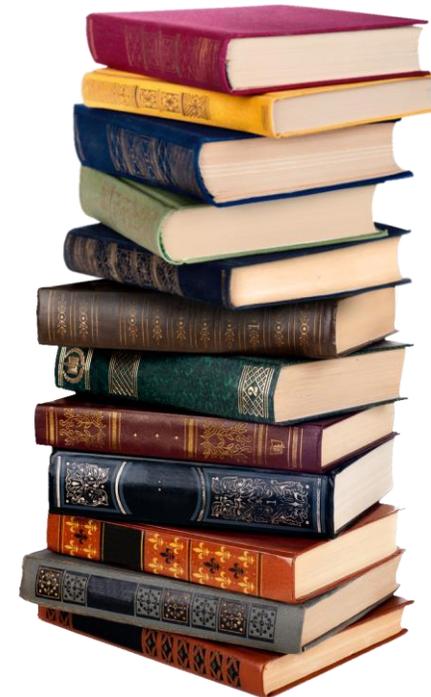
https://docs.google.com/forms/d/e/1FAIpQLScYHrUy3E_0BQ43fvyKuXxhNg_shiY9I_EbkEPUdCHhcaDhvQ/viewform?usp=sf_link





Schema Tesi Compilativa

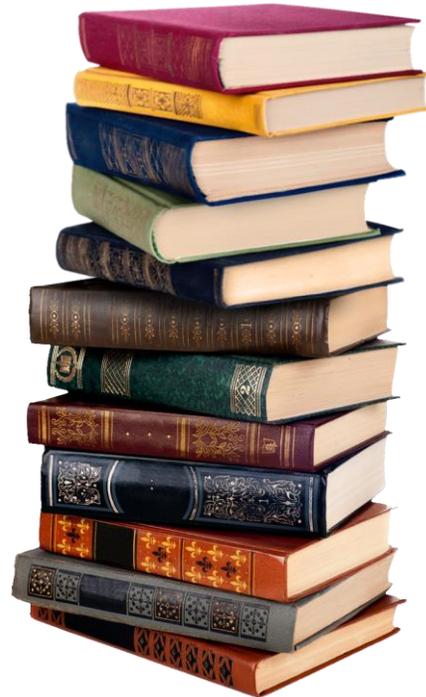
- Abstract
- Introduzione
- Stato dell'arte
- Confronto fra i metodi proposti
- Conclusioni
- Sviluppi futuri





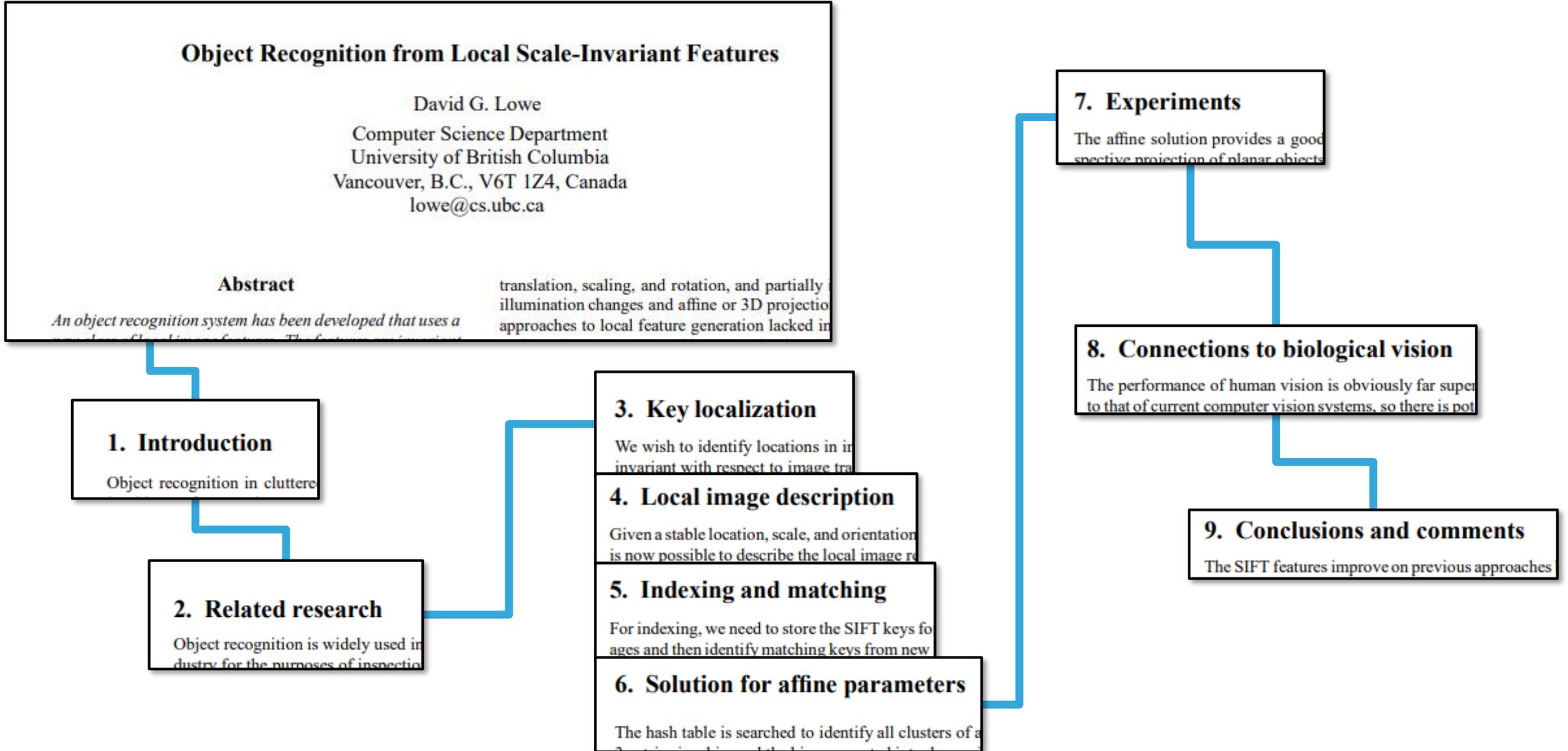
Schema Tesi Sperimentale

- Abstract
- Introduzione
- Stato dell'arte
- Metodologia proposta
- Esperimenti condotti
- Risultati ottenuti
- Conclusioni
- Sviluppi futuri





Lo schema degli articoli scientifici





Best STUDENT

Incontro#1

Come cercare le Fonti Bibliografiche

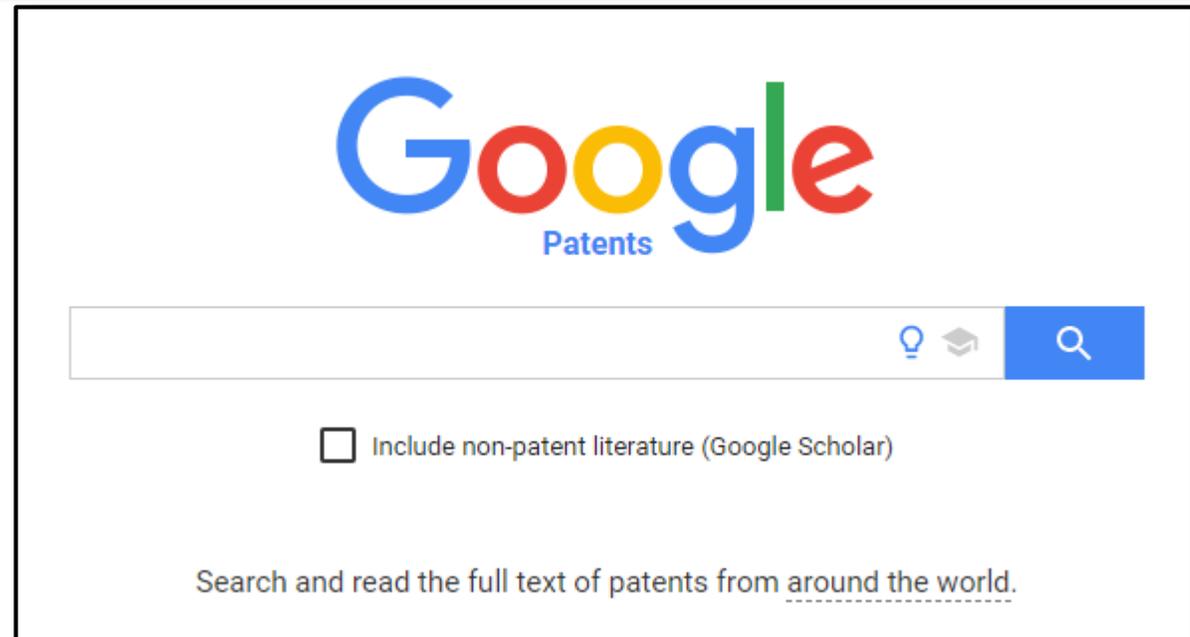
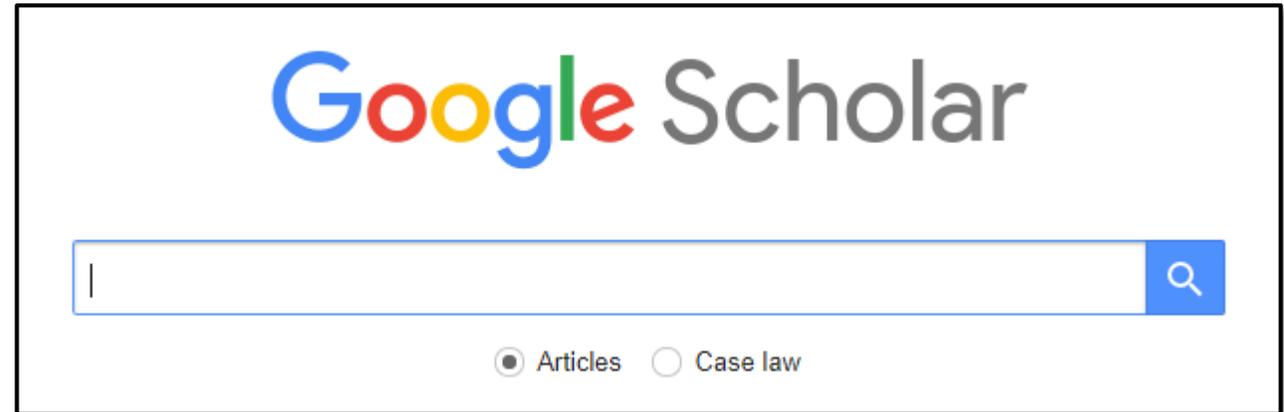
Docenti: *Dario Allegra – Filippo Milotta*



Siti web / Motori di ricerca principali

- Google Scholar
 - <https://scholar.google.it/>

- Google Patents
 - <https://patents.google.com/>





Un esempio su Google Scholar

Google Scholar

Articles About 3,310,000 results (0.04 sec)

Any time
Since 2019
Since 2018
Since 2015
Custom range...

Sort by relevance
Sort by date

include patents
 include citations

Create alert

Color naming, color recognition, color discrimination: A re-appraisal ACNP Full Text
EH Lenneberg - *Perceptual and motor skills*, 1961 - journals.sagepub.com
The present paper is an attempt to reconcile the results of a number of empirical studies on the relationship between color naming, color recognition, and color discrimination. An earlier study by Brown and Lenneberg (1954) showed that under certain conditions color memory ...
☆ 99 Cited by 87 Related articles All 2 versions

Evaluating color descriptors for object and scene recognition [PDF] psu.edu
K Van De Sande, T Gevers... - *IEEE transactions on ...*, 2010 - ieeexplore.ieee.org
Image category recognition is important to access visual information on the level of objects and scene types. So far, intensity-based descriptors have been widely used for feature extraction at salient points. To increase illumination invariance and discriminative power ...
☆ 99 Cited by 2289 Related articles All 30 versions

Fuzzy-based algorithm for color recognition of license plates [PDF] ufpe.br
F Wang, L Man, B Wang, Y Xiao, W Pan, X Lu - *Pattern Recognition Letters*, 2008 - Elsevier
Color recognition of license plates plays an important role in a license plate recognition (LPR) system. But it can be a challenging task as the appearances of license plates are affected by various factors such as illumination, camera characteristics, etc. And the color ...
☆ 99 Cited by 115 Related articles All 7 versions

Color-based object recognition [PDF] uva.nl
T Gevers, AWM Smeulders - *Pattern recognition*, 1999 - Elsevier
The purpose is to arrive at recognition of multicolored objects invariant to a substantial change in viewpoint, object geometry and illumination. Assuming dichromatic reflectance and white illumination, it is shown that normalized color rgb, saturation S and hue H, and the ...
☆ 99 Cited by 1036 Related articles All 17 versions

Related searches

vehicle color recognition color recognition child development
color recognition neural network color recognition license plate
color recognition using matlab color recognition checklist
color recognition stroop effect color recognition convolutional



Un esempio su Google Patents

Google Patents

color recognition

SEARCH TERMS ×

color × or + *Synonym*

recognition × or + *Synonym*

+ *Synonym*

SEARCH FIELDS

Date · Priority ▼

YYYY-MM-DD — YYYY-MM-DD

+ *Inventor*

+ *Assignee*

Patent Office ▼ Language ▼

Status ▼ Type ▼

About 5,000,000 results

Download Side-by-side

Sort by · Relevance ▼ Grouped by · None ▼ Results / page · 10 ▼

Pocketed apron for teaching color recognition

[US](#) · [US3624686A](#) · Jean A Beals · Jean A Beals

Priority 1969-11-21 · Filing 1969-11-21 · Grant 1971-11-30 · Publication 1971-11-30

An apronlike article of apparel having strips of attachment material thereon with cooperating strips of pressure-sensitive material on the backside of a multitude of pockets for removable attachment to the apron body. The pockets are of various colors for the teaching of color recognition.

Color sensor system for the recognition of objects with colored surfaces

[EP](#) [US](#) [CA](#) · [US4917500A](#) · Attila Lugos · Siemens Aktiengesellschaft

Priority 1987-12-03 · Filing 1988-11-30 · Grant 1990-04-17 · Publication 1990-04-17

I claim: 1. A color sensor system for the recognition of objects having at least a partially colored surface, comprising: at least three electronic light transmitters, each emitting light pulses in a predetermined narrow-band range of wavelengths; a transmitter control device coupled to said ...

Apparatus for color recognition and defect detection of objects such as capsules

[US](#) · [US4082188A](#) · William Charles Grimmell · Hoffmann-La Roche Inc.

Priority 1976-06-23 · Filing 1976-06-23 · Grant 1978-04-04 · Publication 1978-04-04

The optical channel of the optical head(s) 14 (utilized for color recognition) for a capsule stream or flow channel are grouped (FIG. 7), three to a group, with one photodetector 45 being provided for each group of optical channels 41 at the other terminus of the fiber optic light guides 42. Each ...

Method and apparatus for color recognition and defect detection of objects such ...

[US](#) · [US4143770A](#) · William C. Grimmell · Hoffmann-La Roche Inc.

Priority 1976-06-23 · Filing 1976-06-23 · Grant 1979-03-13 · Publication 1979-03-13

The optical channels of the optical head(s) 14 (utilized for color recognition) for a capsule stream or flow channel are grouped (FIG. 7), three to a group, with one photodetector 45 being provided for each group of optical channels 41 at the other terminus of the fiber optic light guides 42. Each ...

Top 1000 results by filing date

Relative count of top 5 values

Assignees	Inventors	CPCs
Google Inc.		2.6%
G06F16 G06F16/00 G06F16/58 G06F16/583		
International Business Machines Corporation		1.9%
G06F3/167 G06F G06F3/16 G06F16/5838		
Intel Corporation		1.4%
G06F3/017 G06F3/01 G06F3 G06F3/00		
Canon Kabushiki Kaisha		1.4%
H04N1 H04N1/00 H04N1/00864 G07D7/17		
Digimarc Corporation		1.2%
G07F7/12 B42D25/30 G07F7/08 B42D		
Expand		



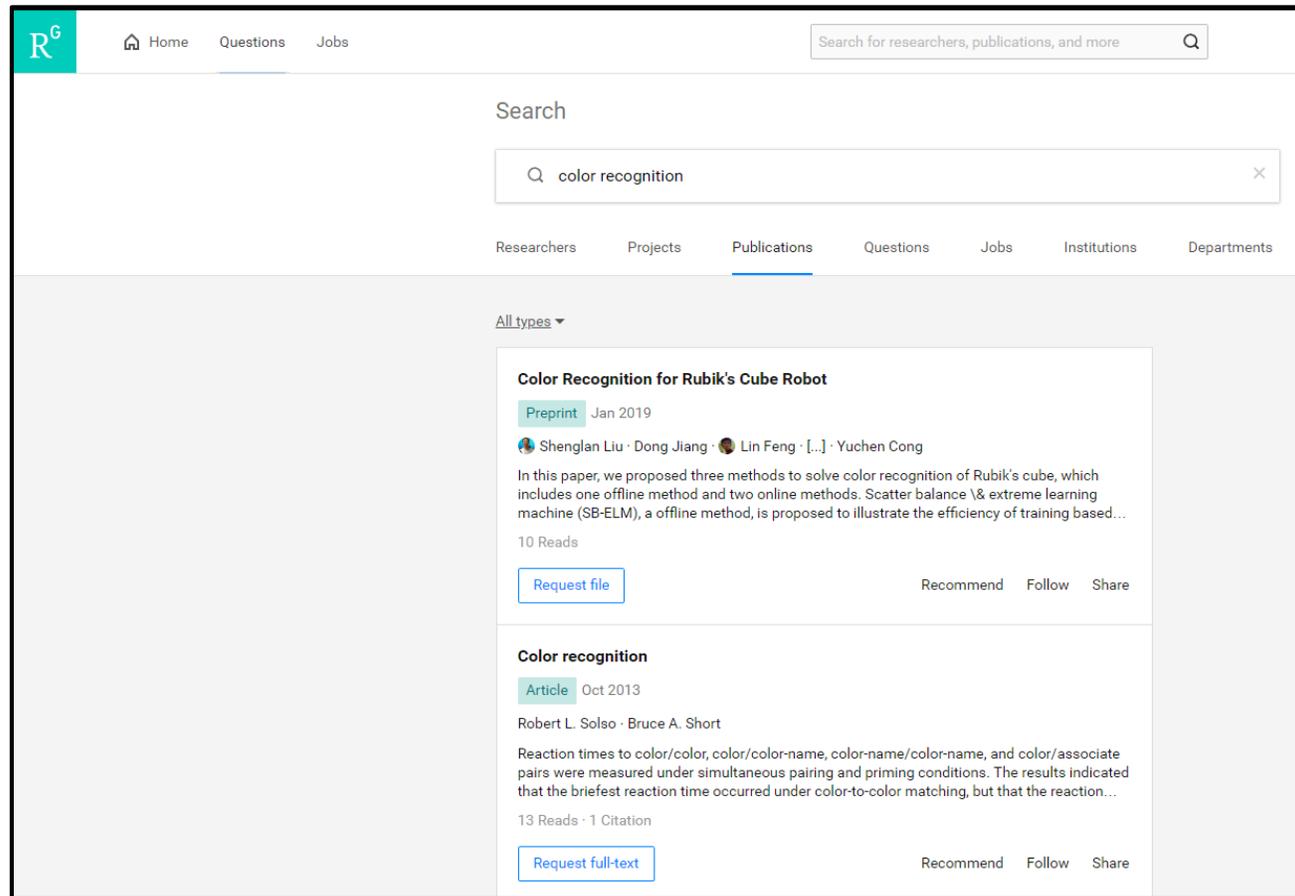
Siti web / Motori di ricerca principali

- ResearchGate

- <https://www.researchgate.net/>



ResearchGate



The screenshot shows the ResearchGate website interface. At the top left is the ResearchGate logo (R^G). The navigation bar includes links for Home, Questions, and Jobs. A search bar at the top right contains the text "Search for researchers, publications, and more". Below the navigation bar, a search box contains the query "color recognition". Underneath the search box, there are tabs for "Researchers", "Projects", "Publications" (which is selected), "Questions", "Jobs", "Institutions", and "Departments". A dropdown menu for "All types" is visible. The search results are displayed in a list format. The first result is a preprint titled "Color Recognition for Rubik's Cube Robot" by Shenglan Liu, Dong Jiang, Lin Feng, and Yuchen Cong, dated Jan 2019. The second result is an article titled "Color recognition" by Robert L. Solso and Bruce A. Short, dated Oct 2013. Each result includes a brief description, the number of reads, and buttons for "Request file" or "Request full-text", "Recommend", "Follow", and "Share".



Siti web / Motori di ricerca principali

- arXiv.org
 - <https://arxiv.org/>



Showing 1–50 of 1,131 results

Query: order: -announced_date_first; size: 50; classification: Computer Science (cs); include_cross_list: True; terms: AND all=color recognition

Refine query

New search

50

results per page. Sort results by

Announcement date (newest first)

Go

1 2 3 4 5 ...

1. arXiv:1905.03703 [pdf, other] [cs.CV](#)

Learning fashion compatibility across apparel categories for outfit recommendation

Authors: [Luisa F. Polania](#), [Satyajit Gupte](#)

Abstract: ...for feature extraction followed by a fully-connected network used for learning a fashion compatibility siamese network are augmented with **color** histogram features motivated by the important role that **color** play training of the network is... [More](#)

Submitted 1 May, 2019; originally announced May 2019.

Comments: Accepted for publication at ICIP 2019

2. arXiv:1905.03700 [pdf] [cs.CV](#) [cs.AI](#)

Unsupervised automatic classification of Scanning Electron Microscopy (SEM) images HIV virion infection

Authors: [John M. Wandeto](#), [Birgitta Dresch-Langley](#)

Abstract: ...or cell images in digital libraries may require ordering randomly scattered sets of image data according to extent of a specific local **color** or contrast content that reveals different meaningful states of a physiological structure indicating progression or recession of a pathology. O... [More](#)

Submitted 30 April, 2019; originally announced May 2019.

3. arXiv:1905.03277 [pdf, other] [cs.CV](#) [eess.IV](#) [doi](#) [10.1145/3306346.3323024](https://doi.org/10.1145/3306346.3323024)

Handheld Multi-Frame Super-Resolution



Indici bibliometrici

- H-Index

- https://it.wikipedia.org/wiki/Indice_H

- i10-Index (Google)

- <https://it.wikipedia.org/wiki/I10-index>



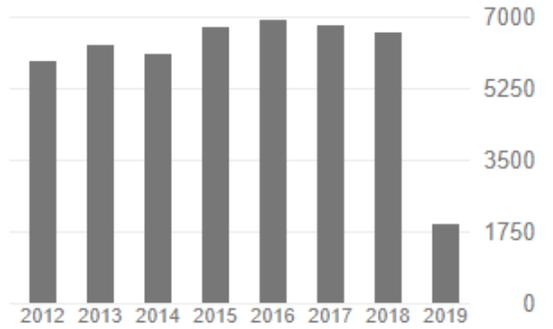
Albert Einstein
Institute of Advanced Studies, Princeton
No verified email
Physics

[FOLLOW](#)

TITLE	CITED BY	YEAR
Can quantum-mechanical description of physical reality be considered complete? A Einstein, B Podolsky, N Rosen Physical review 47 (10), 777	17734	1935
On the movement of small particles suspended in stationary liquids required by the molecular-kinetic theory of heat A Einstein Annalen der Physik 17, 549-560	12759 *	1905
Über einen die Erzeugung und Verwandlung des Lichtes betreffenden heuristischen Gesichtspunkt A Einstein Ann. Phys. 17, 132-148	11184 *	1905

Cited by [VIEW ALL](#)

	All	Since 2014
Citations	124448	35286
h-index	114	64
i10-index	381	212





Indici bibliometrici

- Impact Factor
 - https://it.wikipedia.org/wiki/Fattore_di_impatto
- Scopus
 - [https://it.wikipedia.org/wiki/Scopus_\(base_di_dati\)](https://it.wikipedia.org/wiki/Scopus_(base_di_dati))
 - <https://www.scopus.com/>
- Web of Science (WoS)
 - https://it.wikipedia.org/wiki/ISI_Web_of_Knowledge
 - <https://login.webofknowledge.com/>

Journal of Electronic Imaging

Peer-reviewed journal

The Journal of Electronic Imaging is a peer-reviewed scientific journal published quarterly by SPIE and the Society for Imaging Science and Technology. It covers all technology topics pertaining to the field of electronic imaging. The editor-in-chief is Karen Egiazarian. [Wikipedia](#)

Impact factor: 0.780 (2017)

Discipline: [Digital imaging](#)

LCCN: 92640158

OCLC number: 23553442

ISSN: 1017-9909 (print); 1560-229X (web)

Publishers: [SPIE](#), [Society for Imaging Science and Technology](#)

People also search for: [Journal of Applied Remote Sensing](#), [MORE](#)

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Incontro#1 :

Sessione Pratica

- Una volta individuato un argomento di interesse, cercare le prime 3 top citazioni correlate, individuando numero di citazioni dei paper, e il più alto h-index degli autori





Sintesi dell'Incontro#1

- Impostare un buono schema per la tesi
 - Lo schema degli articoli scientifici

- Come cercare le Fonti bibliografiche
 - Siti web / motori di ricerca principali per gli articoli scientifici
 - Fonti buone e fonti... meno buone
 - Indici bibliometrici



Incontro#1 : Post-Test

https://docs.google.com/forms/d/e/1FAIpQLSfynenIk2oIYTZlhuEw0BwfdZtsxmT26p4GN8MTFSbNSdZAA/viewform?usp=sf_link

