

Library Update

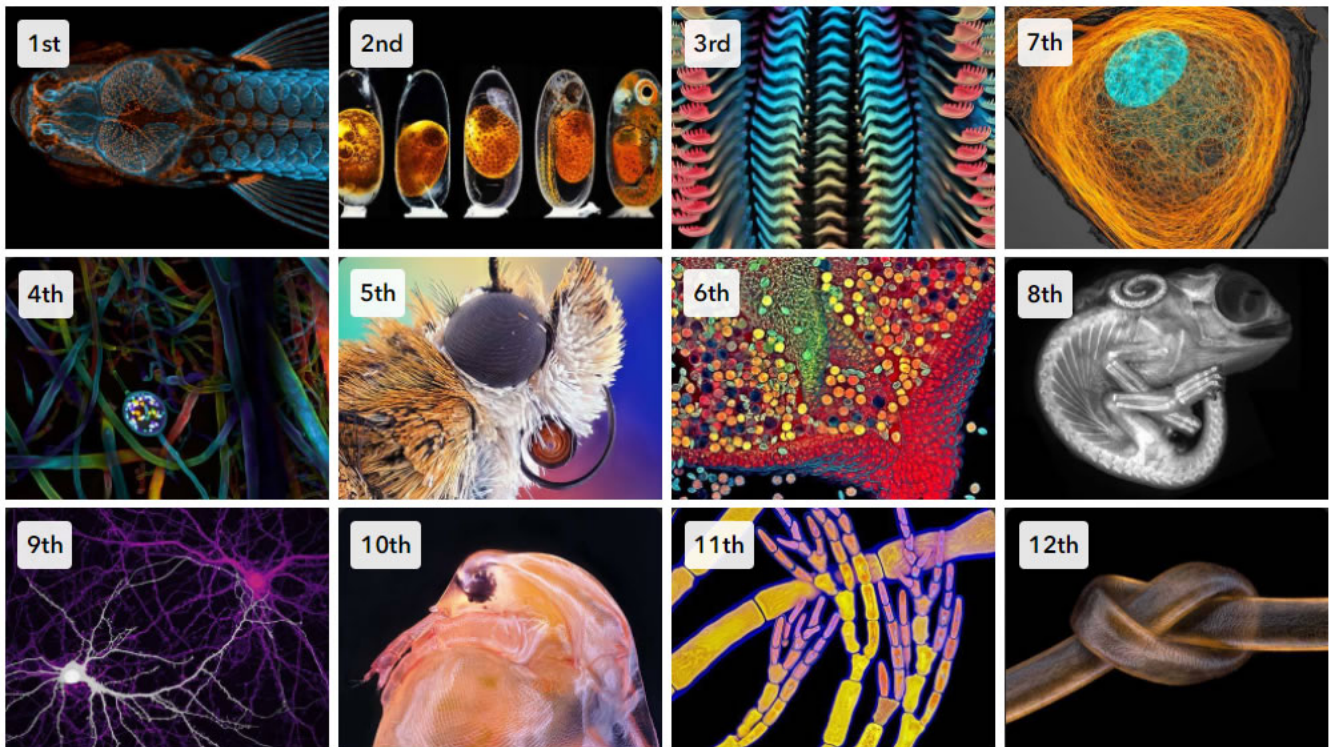
No. 20, 26th October, 2020

Nikon Small World Photomicrography Competition: 2020 winners

The [Nikon Small World Competition](#) first began in 1975 as a means to recognize and applaud the efforts of those involved with photography through the light microscope. Since then, Small World has become a leading showcase for photomicrographers from the widest array of scientific disciplines.

The contest invites photographers and scientists to submit images of all things visible under a microscope. More than 2,000 entries were received from 90 countries in 2020, the 46th year of the competition.

[Browse the gallery](#) of current and past winners.



BMJ Best Practice – latest updates

[BMJ Best Practice](#) brings a step-by-step approach to decision support. It is structured around the patient consultation, covering diagnosis, prognosis, treatment, and prevention.

We recommend this resource as an alternative to UpToDate.

For access to BMJ's trusted clinical information, whenever and wherever you need it, download the

[BMJ Best Practice app](#) and, when prompted, enter your personal account details.

Recently updated topics:

- [Absence seizures](#)
- [Common cold](#)
- [Glucose-6-phosphate dehydrogenase deficiency](#)
- [Minimal change disease](#)
- [Ventricular septal defects](#)

PubMed Clinical Queries: updated to include COVID-19

The [Clinical Queries](#) feature of PubMed is a useful resource for rapidly filtering and displaying methodologically sound and clinically relevant citations on treatment, diagnosis, aetiology, and prognosis from the Medline database.

Recently updated with design and content changes, Clinical Queries now includes a new category for COVID-19 searches. Clinical Queries searches are limited to specific clinical areas and can be useful to find articles that are relevant to clinical questions. Note that it is not a comprehensive search of all the literature.

AIHW: latest reports

Mental health services in Australia

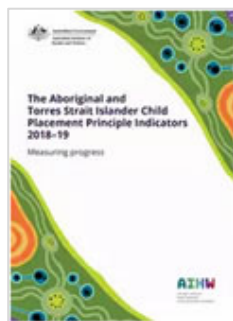
Mental health services in Australia (MHSA) provides a picture of the national response of the health and welfare service system to the mental health care needs of Australians. MHSA is updated progressively throughout each year as data becomes available. [Read the report.](#)

Young people under youth justice supervision and in child protection 2018-19

This report presents information on young people under youth justice supervision during 2018-19 who had received child protection services in the 5 years from 1 July 2014 to 30 June 2019. More than half of young people who had been in youth justice supervision had also received child protection services in the 5-year period. About one-third were the subject of a substantiated notification for abuse or neglect. Almost 1 in 4 (23%) young people were placed on a care and protection order and 22% were placed in out-of-home care in the last 5 years. [Read the report.](#)

The Aboriginal and Torres Strait Islander Child Placement Principle Indicators 2018-19: measuring progress

The Aboriginal and Torres Strait Islander Child Placement Principle (ATSICPP) is a framework designed to promote policy and practice that will reduce the over-representation of Aboriginal and Torres Strait



Wellbeing and appreciation events

- October 28 – [Blue Knot Day](#)
- November – [NICU Awareness Month](#)
- November 12 – [World Pneumonia Day](#)
- November 14 – [Australian Food Safety Week](#)
- November 14 – [World Diabetes Day](#)
- November 16 – [International Day for Tolerance](#)
- November 18 – [World Antimicrobial Awareness Week](#)
- November 20 – [World Children's Day \(UN\)](#)



Top 50 Most-Cited Campus Publications – updated

[This list](#) is updated every three to four months; significant changes are unlikely to occur more frequently.

We compile the list using *Scopus*, an abstract and citation database of peer-reviewed literature. We search the Affiliation field for *Royal Children's Hospital*, *Murdoch Childrens Research Institute*, and *Department of Paediatrics, University of Melbourne*.

Results are then sorted in descending order of times cited. Each item is manually edited for formatting consistency. The list is then exported and converted to a usable format.

Islander children in the child protection system. This report brings together the latest state and territory data on 5 ATSICPP indicators that measure and track the application of the Placement and Connection elements of the ATSICPP. [Read the report.](#)

Insufficient physical activity

Participating in regular physical activity provides many benefits for physical and mental health at all ages, and can also help manage biomedical risk factors such as high body weight, high blood pressure and high cholesterol. Insufficient physical activity is a key risk factor contributing to disease burden in Australia. Given it plays a role in chronic conditions, it is important for Australians to achieve the levels of activity outlined in Australia's Physical Activity and Sedentary behaviour guidelines. [Read the report.](#)

Health and Science News

- **Providing new hope for children suffering from rare muscle diseases:** Myofibrillar myopathies lead to progressive muscle wasting, affecting muscle function and causing weakness. [Read more](#) [source: scimex.org.org]
- **Reducing junk food ad time could reduce childhood obesity:** UK researchers have modelled the impact of restricting airtime for TV ads promoting foods and drinks high in fat, sugar, and salt. [Read more](#) [source: scimex.org.org]
- **Telehealth trains parents to improve behavior skills of children with autism:** The study evaluated how well parents implemented the behavioral procedures they learned through virtual training and scripted role-play with a specialist. [Read more](#) [source: eurekalert.org]
- **Expanded newborn screening could save premature infants' lives:** Researchers identified a combination of six newborn characteristics and 19 metabolites that, together, created a vulnerability profile that reliably identified preterm babies at substantially increased risk for death and severe illness. [Read more](#) [source: eurekalert.org]
- **800 million children still exposed to lead:** A lot of the lead comes from lead-acid batteries that are not responsibly recycled; water pipes, industry, paint and a number of household products such as canned foods, contaminated spices, make-up and toys also contribute. [Read more](#) [source: eurekalert.org]
- **'Less pain' to remove tonsils:** A 10-year study from Flinders University has found "shrinking" tonsils results in far less pain and bleeding than a full tonsillectomy. [Read more](#) [source: scimex.org.org]
- **Trainees call out 'callous' RACGP exam response:** The issues have been attributed to a fault with the proctored exam provider which was unable to deliver the videoconferencing technology required for the exams thanks to a server outage. [Read more](#) [source: medicalrepublic.com.au]
- **Doctors probe whether COVID-19 is causing diabetes:** Researchers at several London hospitals found that cases of type 1 diabetes among children nearly doubled to 30 during late March to early June - as the pandemic raged - compared to the same period in previous years. The Children's Hospital Los Angeles said the percentage of newly diagnosed type 2 patients has nearly doubled for March through August compared to the same period in 2018 and 2019. [Read more](#) [source: reuters.com]
- **'Imminent crisis': Australia's next GPs distressed after tech failure hits major exam:** Australia's next crop of GPs has been thrown into disarray after a major technical failure caused the last-minute cancellation of important exams, already moved online and rescheduled once because of COVID-19.. [Read more](#) [source: smh.com.au]
- **Face masks: what the data say:** The science supports that face coverings are saving lives during the coronavirus pandemic, and yet the debate trundles on. How much evidence is enough? [Read more](#) [source: nature.com]
- **Herd immunity letter signed by fake doctors:** It's hard to take a petition seriously when the signatures read, 'Dr Person Fakename' and 'Dr Johnny Bananas'. [Read more](#) [source: medicalrepublic.com.au]
- **Global lockdowns result in almost 9% drop in CO2 emissions:** The COVID-19 pandemic has resulted in one of the largest drops in global CO2 emissions in history. [Read more](#) [source: scimex.org.org]
- **Immunotherapy combo halts rare, stage 4 sarcoma in teen:** A patient with end-stage and rapidly progressing soft-tissue cancer whose tumor did not respond to standard treatment, had a "rapid and complete response" to a novel combination of immunotherapy. [Read more](#) [source: eurekalert.org]
- **National service to help young cancer patients preserve their fertility:** Fertility preserving options are now recognised as a mandatory part of cancer management, however, barriers still remain. [Read more](#) [source: scimex.org]
- **Repeat liver transplantation in children is justified:** According to current guidelines, repeat liver transplantation is not routinely considered because of poorer recipient survival and the shortage of donor organs, but research ... has found that "survival for children following retransplantation is excellent". [Read more](#) [source: scimex.org]
- **Outcomes of protracted bacterial bronchitis in children: A 5-year prospective cohort study:** Findings have identified a link between children with PBB and asthma, highlighting the importance of identifying potentially treatable symptoms in children with chronic respiratory diseases. [Read more](#) [source: scimex.org]

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Play "Go Viral!" game: fight misinformation

The UK Government has partnered with the University of Cambridge to create a game that uses inoculation theory to build the public's resilience to false information, mitigating the risk of false information undermining adherence to, or uptake of, COVID-19 vaccines, treatments and diagnostics.

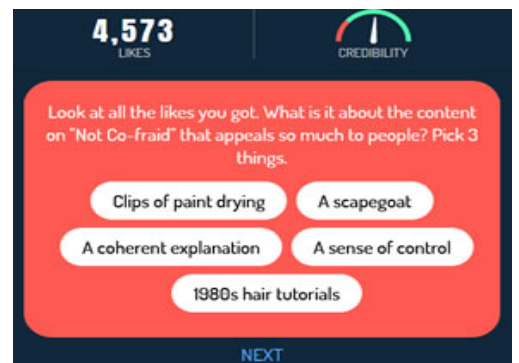
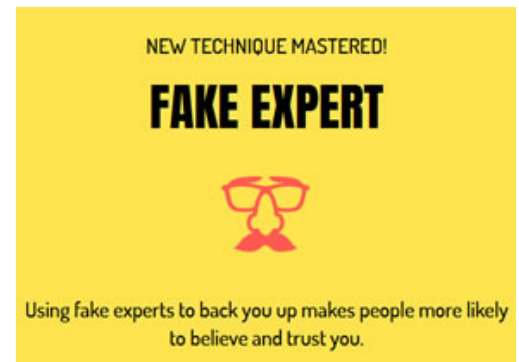
What is GO VIRAL!

[GO VIRAL!](#) is a 5-minute game that helps protect you against COVID-19 misinformation. You'll learn about some of the most common strategies used to spread false and misleading information about the virus. Understanding these tricks allows you to resist them the next time you come across them online (read more about [how this works](#)).

Pay it forward – fight the spread of misinformation by challenging your friends and family to GO VIRAL!

Who should play this game?

The recommended age for Go Viral! is 15+. Although the game has received a PEGI-age rating of 3 (meaning the game has been deemed suitable for persons age 3 and up), the game does include some themes that may be interpreted as sensitive, especially to people under the age of 15.



Search Tip: Yale MeSH Analyzer

The [Yale MeSH Analyzer](#) is a handy tool which allows you to enter up to 20 PubMed ID (PMID) numbers and have it display the MeSH terms in a grid. This makes it easier to analyse the MeSH terms to see which ones to include in your search.

Typically, each column in the grid represents an article, with identifying information of the article at the top of the column, such as the PMID, the author, and the year of publication. The MeSH terms are sorted and grouped alphabetically for ease of scanning. In addition to MeSH terms, author-assigned keywords, article titles, and abstracts can be included in the analysis grid.

[Read more](#) about the Yale MeSH Analyzer.



PMID	23508659	20213300	20133949	24931866
Title	Provisional report on diving-related fatalities in Australian w...	Shark-bitten vertebrate coprolites from the Miocene of Maryland.	Mortality and management of 96 shark attacks and development of...	Fatal attack by a juvenile tiger shark, <i>Carcharias taurus</i> , on a...
Author (Year)	Lippmann J (2013)	Godfrey SJ (2010)	Lentz AK (2010)	Chua E (2014)
MeSH Headings	Adult Aged, 80 and over Animals Asphyxia / mortality Australia / epidemiology Autopsy Bites and Stings / mortality	Alligators and Crocodiles / anatomy & histology Animals Atlantic Ocean	Adolescent Adult Animals	Adolescent Animals
	Cause of Death* Cranio-cerebral Trauma / mortality Diving / statistics & numerical data* Drowning / mortality	Bacteria Bites and Stings / pathology Bites and Stings / veterinary Coprophagia / history	Bites and Stings* / diagnosis Bites and Stings* / mortality Bites and Stings* / therapy Child	Bites and Stings / complications*
			Emergencies	

CAMPUS PUBLICATIONS

Article titles are linked to full text where available, or to information about ordering documents. An [OpenAthens account](#) is required for remote access.

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- Balestrini, S., et al.** [Department of Cardiology, Department of Neurology, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institutes, Flemington Road, Parkville, Vic., Australia.], 'Cardiac phenotype in ATP1A3-related syndromes: a multicentre cohort study', [Neurology 2020; \[Epub ahead of print\]](#)
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- Bar, C., et al.** [Departments of Neurology and Paediatrics, Royal Children's Hospital; Department of Paediatrics, University of Melbourne; Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Developmental and epilepsy spectrum of KCNB1 encephalopathy with long-term outcome', [Epilepsia 2020; \[Epub ahead of print\]](#)
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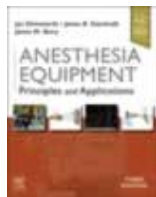
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Offering highly visual, easy-to-read coverage of the full range of anesthesia equipment in use today, this authoritative reference is your go-to text for objective, informed answers to ensure optimal patient safety. *Anesthesia Equipment, 3rd Edition*, provides detailed information on

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[Breast cancer and gynecologic cancer rehabilitation](#) / by Adrian Cristian. Elsevier, 2021.



Breast Cancer and Gynecological Cancer Rehabilitation, edited by Adrian Cristian, MD, MHCM, provides today's clinicians with a concise, accessible resource covering the holistic rehabilitation of breast cancer patients. Beginning with a review of epidemiology, genetics, and

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Utilizing clear text and explanatory artwork to make clinical neuroanatomy and neuroscience as accessible as possible, this newly updated edition expertly integrates clinical neuroanatomy with the clinical application of neuroscience. It's widely regarded as the most richly illustrated

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