RESEARCH INTERFACE

A collection of citations received for HiMedia Laboratories Mumbai

TILL JUNE 1, 2014

HIMEDIA LABORATORIES, MUMBAI

Contents

Research Interface

A research paper is an output of an actual research work that is usually published in scientific or academic journals. It contains original research results or reviews of published literature. Peer reviews by eminent researchers (generally called as referees) from the same field is mandatory for these articles to be published in good journals. These referees check whether the content of the paper is suitable for publication in the specific journal. A paper may undergo a series of reviews, revisions and re-submissions as per the reviews of referees, before being accepted (or rejected) for publication. This whole process typically takes several months, which depends on the language, content, impact factor of the journal, number of volumes of the journal etc. However all the scientific articles, especially research papers have got a common characteristic that is in their structure and presentation.

The structure of a research paper consists of a tittle, abstract, introduction, materials and methods, results and discussion, conclusion and references. In this, the section of materials and methods describes the various tools that a researcher uses to obtain the result out put. This includes the instruments and other equipments, chemicals, standards, culture media etc. Since the scientific articles are a tool to measure the efficacy of a researcher, scientific community are very specific in their selection of research materials. Accuracy and reproducibility are two of the important attributes that the scientific community expects from these, apart from affordability. Materials used by a researcher are cited appropriately wherever possible. A citation is a sign or gesture that acknowledges the location of the knowledge source that you used to get the result out put for a particular research paper, indirectly suggesting the quality of the material that the researcher used to obtain the out put of the research.

HiMedia has been one of the most trusted brands in microbiology all over the world. Over the years, we have gained the attention and respect of the microbiologists from industry, academics and various other sectors of science. Our products on microbiology, plant tissue culture, animal tissue culture, molecular biology and various other ranges, have been a matter of choice to the research community as well. With these products, research has been reliable, reproducible, valid, and relevant; that in turn helps the researchers to find logical conclusions to their studies. Moreover, these results are acceptable to the whole scientific community as well which in turn helps them to publish their data. Acceptability of HiMedia products can be identified through the number of citations that we receive in various high impact factor journals. For the last 5 years, this has been more than double to its previous years and is growing exponentially. HiMedia has been successfully implementing its quality objective to release new range of products every year to cater to the needs of the global scientific community.

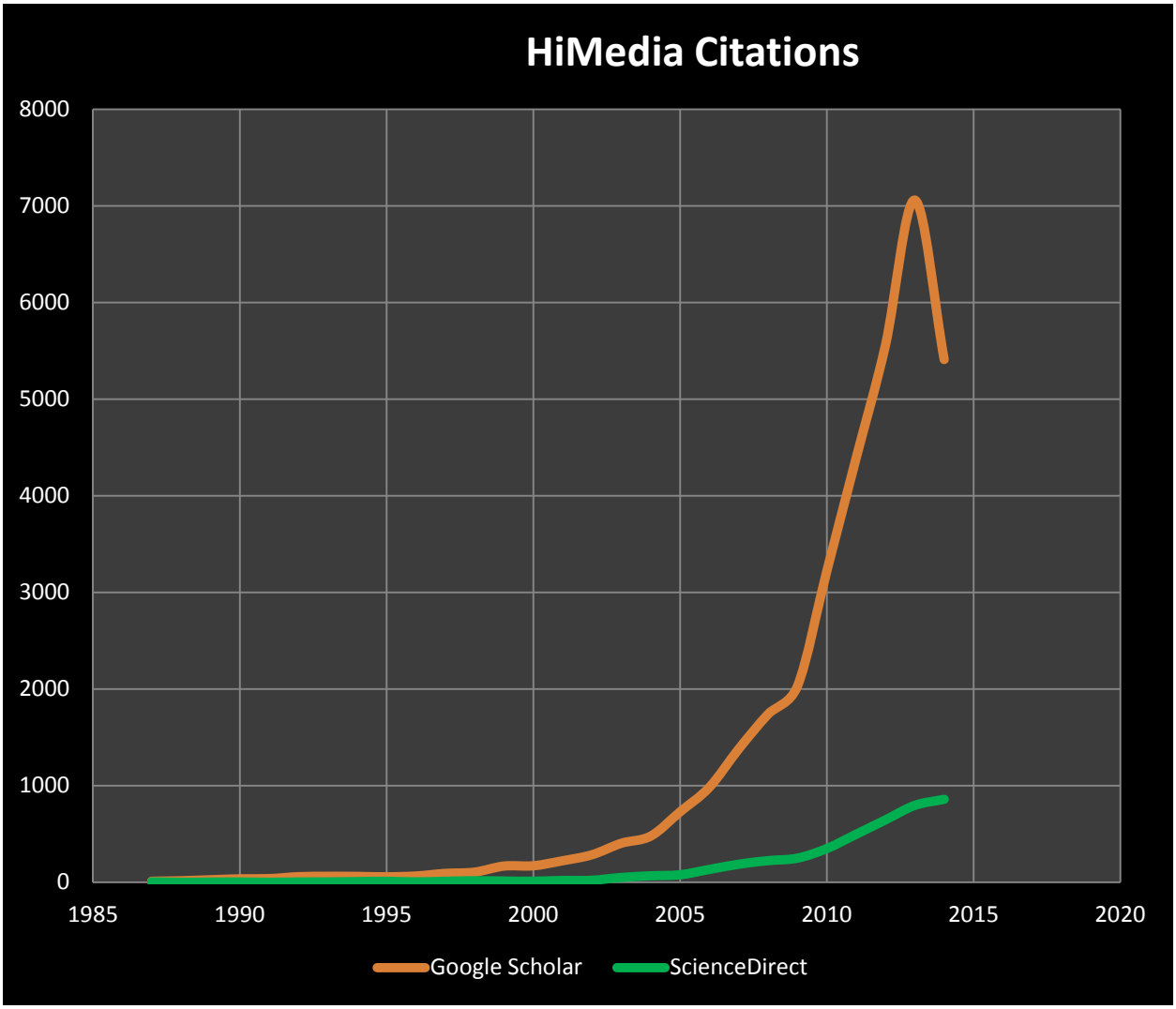

Figure 1: Citations received for HiMedia during 1994 to 2013

Google scholar suggests that, as of 22nd October 2014, HiMedia has received more than 33, 000 citations all over the world. Among these, more than 4,500 have been published in Elsevier, the publisher of most reputed journals with high impact factors. We have categorized these into various groups such as culture media references for dehydrated culture media, molecular biology products, cell culture media, plant tissue culture media and chemicals. It was a mammoth task to segregate these many references and is an ongoing process. So far we have completed the segregation received up to June 2014 and would be updating the list on frequent basis.

A

AC Broth (1)

1. Majeed, M., J. Reinhardt, et al. (2009). Orally Bioavailable Stilbenoids-Compositions and Therapeutic Applications Thereof.

Acetate Agar (1)

1. DebMandal, M., S. Mandal, et al. (2012). "Detection of intestinal colonization of probiotic Lactobacillus rhamnosus by stool culture in modified selective media." Asian Pacific Journal of Tropical Disease 2(3): 205-210.

Actinomyces Agar (4)

1. Aparna, A., M. N. Hegde, et al. (2013). "Evaluation of microflora of root carious lesions in different age groups: A microbiological study." European Journal of General Dentistry 2(2): 130-133.

2. Sharon, C. and M. Sharon (2012). "Studies on Biodegradation of Polyethylene terephthalate: A synthetic polymer." J. Microbiol. Biotech. Res. 2(2): 248-257.

3. Aparna, A., M. N. Hegde, et al. (2013). "Evaluation of microflora of root carious lesions in different age groups: A microbiological study." European Journal of General Dentistry 2(2): 130-133.

4. Sharon, C. and M. Sharon (2012). "Studies on Biodegradation of Polyethylene terephthalate: A synthetic polymer." J. Microbiol. Biotech. Res. 2(2): 248-257.

Actinomyces Broth (4)

1. Majeed, M., J. Reinhardt, et al. (2009). Orally Bioavailable Stilbenoids-Compositions and Therapeutic Applications Thereof.

2. Thumar, J. and S. P. Singh (2007). "Two-step purification of a highly thermostable alkaline protease from salt-tolerant alkaliphilic Streptomyces clavuligerus strain Mit-1." Journal of Chromatography B 854(1): 198-203.

3. Thumar, J. T. and S. P. Singh (2007). "Secretion of an alkaline protease from a salt-tolerant and alkaliphilic, Streptomyces clavuligerus strain Mit-1." Brazilian Journal of Microbiology 38(4): 766-772.

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Actinomycete Isolation Agar (14)

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4. Islam, V. I. H., S. Saravanan, et al. (2013). "Microbicidal and anti-inflammatory effects of Actinomadura spadix (EHA-2) active metabolites from Himalayan soils, India." World Journal of Microbiology and Biotechnology.

5. Mishra, P. D. and G. B. Mahajan (2010). ANTIBIOTIC COMPOUNDS.

6. Ningthoujam, D., S. Sanasam, et al. (2009). "A Streptomyces sindenensis Strain LS1-128 exhibiting broad spectrum Antimicrobial activity." Research Journal of Biological Sciences 4(10): 1085-1091.

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Aeromonas Isolation Medium Base (4)

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Alkaline Peptone Water (11)

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All Media and Media components (119)

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referral hospital in Northeast India." Journal of College of Medical Sciences-Nepal 8(3): 1-8.

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HiChrome Candida Medium (12)

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HiChromeCandida Agar (34)

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HiCrome Coliform Agar (7)

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HiCrome Differential Agar (19)

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HiCrome E.coli Agar (3)

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HiCrome ECC Agar (1)

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HiCrome ECC Selective Agar Base (1)

1. Kadam, A., O. Oza, et al. (2009). "Studies on sorption properties of pathogens on natural materials." Journal of Environmental Biology 30(5): 641-646.

HiCrome Improved Salmonella Agar (3)

1. Jyoti, A., S. Ram, et al. (2010). "Contamination of surface and potable water in South Asia by Salmonellae: Culture-independent quantification with molecular beacon real-time PCR." Science of The Total Environment 408(6): 1256-1263.

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3. Singh, G., P. Vajpayee, et al. (2012). "Bio-capture of S. Typhimurium from surface water by aptamer for culture-free quantification." Ecotoxicology and Environmental Safety 78: 320-326.

HiCrome Listeria Agar Base (1)

1. Arora, R., S. Mundra, et al. (2012). "Antimicrobial activity of seed, pomace and leaf extracts of sea buckthorn (Hippophae rhamnoides L.) against foodborne and food spoilage pathogens." African Journal of Biotechnology 11(45): 10424-10430.

HiCrome MacConkey Sorbitol Agar (1)

1. ГАРКАВЕНКО, Т. О. (2012). "ПОРІВНЯЛЬНА ХАРАКТЕРИСТИКА ХРОМОГЕННИХ СЕРЕДОВИЩ ОДНОЕТАПНОГО ВИДІЛЕННЯ ТА ПРЯМОЇ ІДЕНТИФІКАЦІЇ БАКТЕРІЙ ГРУПИ КИШКОВОЇ ПАЛИЧКИ." 1(191).

HiCrome M-CP Agar Base (2)

1. Al-Wasify, R. S. (2013). "Sensitivity and Specificity of Chromogenic Media for Detection of some Pathogens in Water." International Journal of Environment and Sustainability 2(1): 1-9.

2. Kadam, A. M., G. H. Oza, et al. (2008). "Pathogen removal from municipal wastewater in Constructed Soil Filter." Ecological Engineering 33(1): 37-44.

HiCrome MeReSa Agar Base (6)

1. Al-Zaidi, J. R. and A. A. Al-Sulami (2013). "Comparison of chromogenic agar medium and diffusion disk test for detection of hospital acquired methicillin resistant Staphylococcus aureus (HA-MRSA) from patients and hospital environment in Nasiriyah city, Iraq." African Journal of Microbiology Research 7(19): 1888-1895.

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HiCrome OGYE Agar Base (1)

1. Ostry, V., J. Skarkova, et al. (2004). "The system approach to the identification of toxigenic microfungi in foodstuffs." Mykotoxin-Workshop 26.

HiCrome RajHans Medium (1)

1. Agban, M. N., N. A. Afifi, et al. (2012). "Effect of Lactobacillus acidophilus versus Bifidobacterium bifidum on clinical and immunological responses of children with acute diarrhea." Journal of American Science 8(10).

HiCrome Rapid Hicoliform Agar (3)

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2. Shash, S. M., M. M. Kamel, et al. (2010). "Rapid detection and enumeration of coliforms and Escherichia coli in River Nile using membrane filtration technique. ." ENVIRONMENTAL BIOTECHNOLOGY 6(1): 6-10.

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HiCrome Salmonella Agar (1)

1. Singh, G., P. Vajpayee, et al. (2012). "Bio-capture of S. Typhimurium from surface water by aptamer for culture-free quantification." Ecotoxicology and Environmental Safety 78: 320-326.

HiCrome Salmonella Differential Agar (3)

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HiCrome UTI Agar (4)

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HiCrome Vibrio Agar (1)

1. Sudha, S., P. S. Divya, et al. (2012). "Prevalence and distribution of Vibrio parahaemolyticus in finfish from Cochin (south India). ." Veterinaria Italiana 48(3): 269-281.

Improved Salmonella Agar (3)

1. Jyoti, A., S. Ram, et al. (2010). "Contamination of surface and potable water in South Asia by Salmonellae: Culture-independent quantification with molecular beacon real-time PCR." Science of the Total Environment 408(6): 1256-1263.

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Inorganic Salt Starch Agar (1)

1. Ningthoujam, D., S. Sanasam, et al. (2009). "A Streptomyces sindenensis Strain LS1-128 exhibiting broad spectrum Antimicrobial activity." Research Journal of Biological Sciences 4(10): 1085-1091.

Isolation Media for Iron Bacteria (2)

1. Dutt, D. and C. H. Tyagi (2011). "The effect of 2, 2-dibromo-3-nitrilopropionamide, 2-(thiocyanomethylthio) benzothioazole and alkali dimethyl benzyl ammonium chloride on microorganisms in a paper machine white water system, on machine runnability and paper quality." Cellulose Chemistry and Technology 45(9).

2. Maruthamuthu, S., T. Nagendran, et al. (2011). "Microbiologically influenced corrosion on rails." Current Science (Bangalore) 100(6): 870-880.

ITC Broth Base (1)

1. Simonova, J., M. Vazlerova, et al. (2007). "Detection of pathogenic Yersinia enterocolitica serotype O: 3 by biochemical, serological, and PCR methods." Czech journal of food sciences 25(4).

J

Jensen's Medium (3)

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KF Enterococcus Agar (1)

1. Montiel, M., R. Silva, et al. (2013). "Enteroccoccus in Water, Sediment and Clams in a Tropical Environment, Maracaibo Lake, Venezuela." Marine Science Research & Development 3(3).

King's B (1)

1. Bhardwaj, A. and S. Chaman (2013). "ANTIBIOTIC SUSCEPTIBILITY OF BIODEGRADING BACTERIAL ISOLATES FROM DAIRY EFFLUENT." International Journal of Bioassays 2(07): 956-960.

Klebsiella Selective Agar (1)

1. Srinivasan, V. b., A. Mondal, et al. (2013). "Role of oxyRKP, a novel LysR-family transcriptional regulator in antimicrobial resistance and virulence in Klebsiella pneumoniae." Microbiology

Kligler Iron Agar (1)

1. Madiyarov, R. S., A. M. Bektemirov, et al. (2010). "Antimicrobial resistance patterns and prevalence of class 1 and 2 integrons in Shigella flexneri and Shigella sonnei isolated in Uzbekistan." Gut pathogens 2(1).

Lactalbumin Hydrolysate (1)

1. Reeta, K. H., P. K. Mediratta, et al. (2002). "Effect of minocycline and tetracycline on immunological responses in experimental animals." Indian journal of medical sciences 56(11).

Lactic Agar (3)

1. George, V., S. Arora, et al. (2012). "Stability, physico-chemical, microbial and sensory properties of sweetener/sweetener blends in lassi during storage." Food and Bioprocess Technology 5(1): 323-330.

2. Palanisamy, B. D., V. Rajendran, et al. (2012). "Enhancement of nutritional value of finger millet-based food (Indian dosa) by co-fermentation with horse gram flour." International journal of food sciences and nutrition 63(1): 5-15.

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Lactic Bacteria Differential Agar (5)

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Lactic Bacteria Differential Broth (2)

1. Dráb, V., G. Kunová, et al. (2010).

2. Yien Ong, Y., W. Siang Tan, et al. (2012). "Isolation and Identification of Lactic Acid Bacteria from Fermented Red Dragon Fruit Juices." Journal of food science.

Lactobacilli Broth (1)

1. Fiala, P. D. P. "Nßzev projektu: Vyu~* itφ postupo* na bßzi molekulßrnφ genetiky pY* i zφskßvßnφ nov²ch kmeno* baktΘriφ sáprobiotick²mi vlastnostmi sácφlem roza* φY* enφ specifick²ch genetick²ch zdrojo* pro v²robu funk* nφch potravin."

Lactobacillus Heteroferm Screen Broth (1)

1. Kaur, B., N. Garg, et al. (2013). "Effect of the Oral Intake of Probiotic Pediococcus acidilactici BA28 on Helicobacter pylori Causing Peptic Ulcer in C57BL/6 Mice Models." Applied Biochemistry and Biotechnology.

Lactobacillus MRS Agar (25)

1. Aneja, K. R. (2009). "Antimicrobial activity of Dalchini (Cinnamomum zeylanicum bark) extracts on some dental caries pathogens." Journal of Pharmacy Research 2(9).

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Luria Broth (131)

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Middlebrook 7H11 Agar Base (3)

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Mineral Salt Broth (4)

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Mitis Salivarius Agar Base (4)

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Modified Buffered Peptone Water (1)

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Modified Czapek Dox Agar (2)

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Modified Duncan Strong Medium (1)

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Modified Lactobacillus Agar (5)

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Modified Nutrient Glucose Broth (1)

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Modified Skim Milk Agar (1)

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Modified Tergitol 7 Agar Base (1)

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Mold Inhibitory Agar (2)

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Motility Indole Lysine Medium (4)

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Motility Nitrate Medium (2)

1. Banerjee, M. and P. K. Sarkar (2003). "Microbiological quality of some retail spices in India." Food Research International 36(5): 469-474.

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Motility Test Medium (3)

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M-PA Agar (1)

1. Nassereddin, R. A. and M. I. Yamani (2005). "Microbiological quality of sous and tamarind, traditional drinks consumed in Jordan." Journal of Food Protection® 68(4): 773-777.

MRS Agar (201)

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Wort Agar (3)

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X

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Yeast Carbon Base (5)

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