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Prepared for Bibliostar 2025

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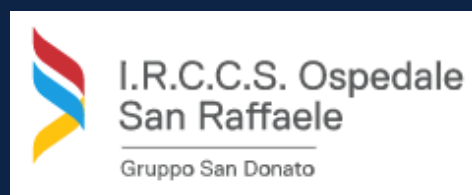
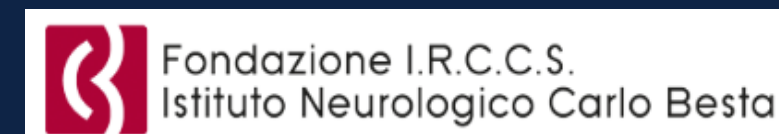
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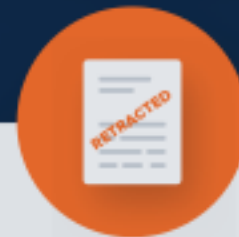
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Article

Trigeminal neuralgia – diagnosis and treatment

Maarbjerg, Stine ; Di Stefano, Giulia ; Bendtsen, Lars ; Cruccu
Cephalalgia, 2017-06, Vol.37 (7), p.648-657



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Trigeminal neuralgia – diagnosis and treatment

Cephalalgia
2017, Vol. 37(7) 648–657
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DOI: 10.1177/0333102416687280
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Stine Maarbjerg¹, Giulia Di Stefano², Lars Bendtsen¹
and Giorgio Cruccu²

Abstract

Introduction: Trigeminal neuralgia (TN) is characterized by touch-evoked unilateral brief shock-like paroxysmal pain in one or more divisions of the trigeminal nerve. In addition to the paroxysmal pain, some patients also have continuous pain. TN is divided into classical TN (CTN) and secondary TN (STN).

Etiology and pathophysiology: Demyelination of primary sensory trigeminal afferents in the root entry zone is the predominant pathophysiological mechanism. Most likely, demyelination paves the way for generation of ectopic impulses and ephaptic crosstalk. In a significant proportion of the patients, the demyelination is caused by a neurovascular conflict with morphological changes such as compression of the trigeminal root. However, there are also other unknown etiological factors, as only half of the CTN patients have morphological changes. STN is caused by multiple sclerosis or a space-occupying lesion affecting the trigeminal nerve.

Differential diagnosis and treatment: Important differential diagnoses include trigeminal autonomic cephalalgias, posttraumatic or postherpetic pain and other facial pains. First line treatment is prophylactic medication with sodium channel blockers, and second line treatment is neurosurgical intervention.

Future perspectives: Future studies should focus on genetics, unexplored etiological factors, sensory function, the neurosurgical outcome and complications, combination and neuromodulation treatment as well as development of new drugs with better tolerability.

Keywords

Trigeminal neuralgia, diagnostic criteria, guidelines, treatment, etiology, pathophysiology

Date received: 11 October 2016; revised: 21 November 2016; accepted: 7 December 2016

Definition

According to the beta version of the 3rd edition of the International Classification of Headache Disorders (ICHD-3 Beta) (1) (Table 1), trigeminal neuralgia (TN) is defined by recurrent unilateral brief electric shock-like pain that is abrupt in onset and termination. The pain is restricted to one or more of the trigeminal divisions and is triggered by innocuous sensory stimuli. TN is divided into either classical TN (CTN) or secondary TN (STN) caused by multiple sclerosis or a space-

Symptomatology

In early descriptions of TN, the disorder was called tic douloureux (3), addressing the characteristic wince that TN patients may exhibit at a pain paroxysm; TN pain is not only extremely painful, it is also characteristic that the pain is sudden and unexpected, and short-lasting, hence the term pain paroxysm. The pain quality is stabbing, electrical shock-like, or shooting. Although one single

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The Journal of Academic Librarianship

Volume 43, Issue 3, May 2017, Pages 224-231

Where Students Start and What They Do When They Get Stuck: A Qualitative Inquiry into Academic Information-Seeking and Help-Seeking Practices

Susan Thomas , Eamon Twell , Gloria Willson

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Abstract

This study investigates two questions key to academic library resources and services: Which sources are students most likely to use to begin their academic work? Whom do students tend to consult for research assistance? In-depth interviews conducted with 15 undergraduate and graduate students were thematically analyzed through a three-step process. The findings indicate that students are most likely to consult faculty and peers for assistance and are largely unaware of librarians' roles, while they tend to begin research using library databases and do not necessarily start with Google. In addition, student use of small study groups as learning networks and reliance upon alternate sites to conduct research emerged as unanticipated themes.

Introduction



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Students who are non-users of the academic library: A scoping review

The Journal of Academic Librarianship, Vol. 43, Issue 3, May 2017, Pages 224-231
Amelia Brunskill, Rosie Hanneke

Information culture and academic empowerment: Developing a collective

The Journal of Academic Librarianship, Vol. 43, Issue 3, May 2017, Pages 224-231
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The Journal of Academic Librarianship



Where Students Start and What They Do When They Get Stuck: A Qualitative Inquiry into Academic Information-Seeking and Help-Seeking Practices

Susan Thomas, Eamon Twell , Gloria Willson

Long Island University, Brooklyn, USA



ARTICLE INFO

Article history:
Received 11 October 2016
Received in revised form 22 February 2017
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Keywords:
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Information seeking
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ABSTRACT

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INTRODUCTION

The reasons why students use or do not use library resources and services have long been of major interest to academic librarians. This interest has been expressed in a variety of ways, from approaching undergraduate library use quantitatively and attempting to link library visits or use of resources with measurable indicators of student success (Oakleaf, 2010), to adopting qualitative or ethnographic methods to understand why students use or do not use different aspects of a library in their academic work (Duke & Asher, 2012). While it is necessary to investigate these questions about library use with a range of methods that are applied to different settings, the answers to why students do or do not use libraries are highly contextual, contingent upon time, place, and need, and as such are best answered using qualitative approaches that can account for users' unique perspectives.

By closely analyzing 15 interviews conducted with undergraduate and graduate students, the authors investigated students' first steps in academic information-seeking as well as their help-seeking activities. Sustained and careful investigation of transcripts revealed students' practices, thoughts, and attitudes about their academic work, and led the authors to a greater understanding of how students choose to utilize or not utilize the library. This study's findings confirm some common

understandings about how students begin their research and where they seek assistance, yet they also reveal some results that go against the grain of what previous works have found regarding student research habits. One desired outcome of this qualitative study was gathering student input to support informed decisions about our library resources and services. Although these findings are specific to Long Island University Brooklyn, they contribute to a larger body of knowledge and may be useful to librarians at similar institutions for planning and decision-making activities.

METHOD

This study is based upon a large-scale ethnographic research project conducted at a mid-sized private university in the northeastern United States, which used a mixed-methods design consisting of unobtrusive observations, a survey, and in-depth interviews to explore undergraduate and graduate research processes and study behaviors. The project's principal investigator was Dean of Libraries Valeda Dent, who had previously conducted ethnographic research projects and had extensive experience in qualitative methods. The primary component of this project was interviews conducted with students from a variety of academic levels and majors. These interviews took place in spring and summer 2013, with one librarian leading the semi-structured interview process and one librarian or staff member recording the interview. Each interview ranged from 40 min to 1 h in length, and students received an Amazon gift card for \$25 in exchange for their voluntary participation. The interviews addressed a variety of topics, including technology use for

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E-mail addresses: susan.thomas@liu.edu (S. Thomas), eamon.twell@liu.edu (E. Twell), gloria.willson@liu.edu (G. Willson).

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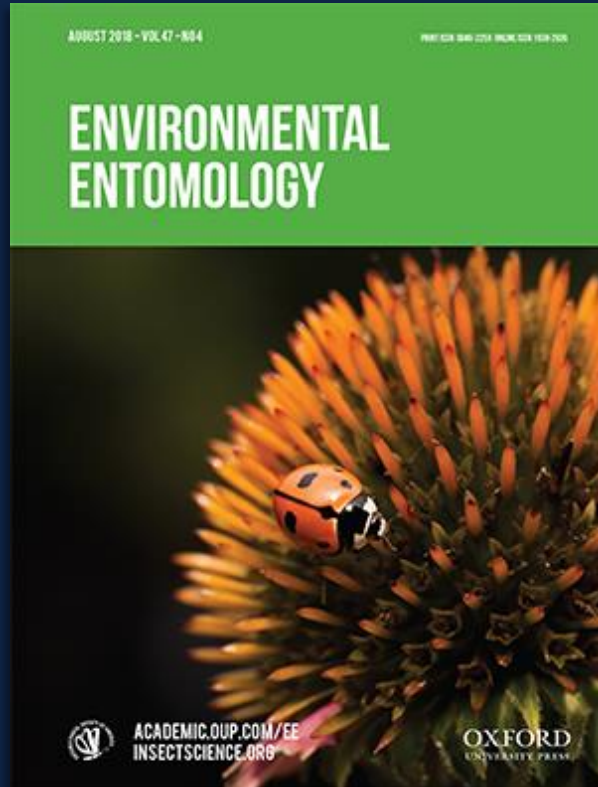


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Hybrid journals



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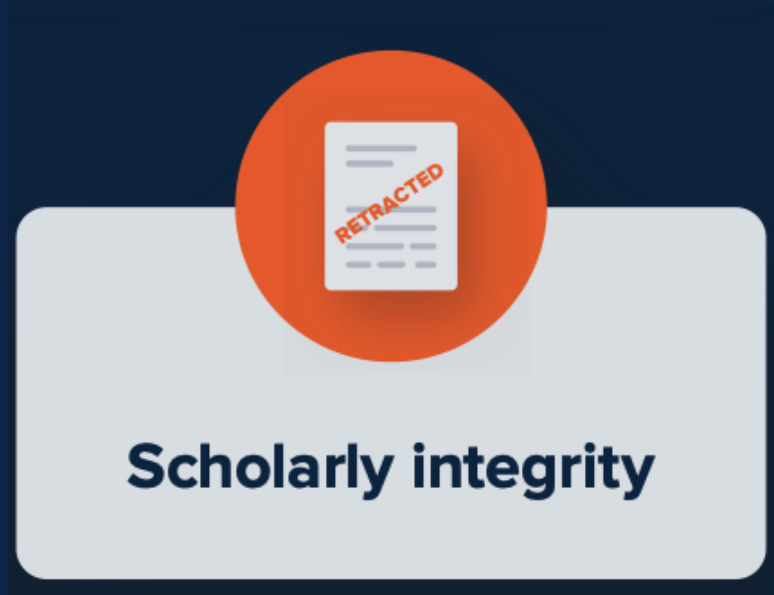
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Article status: **first order** retraction



- Steady growth of article retractions over the last year, a record 14,000 last year (compared to 1,000 in 2009)
- Retraction identification has become better but is still uneven
- User awareness depends on article retrieval date, point of discovery and other factors
- Citation leads to “feet of clay” scholarship

“Feet of clay”: **second order** retraction



Cited references



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Bar-Ilan J, Halevi G. Post retraction citations in context: a case study. Scientometrics. 2017;113(1) 547-656

10 most highly cited retracted articles

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Pluripotency of mesenchymal stem cells derived from adult. Nature. June 20, 2002.	2024	4482
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Primary Prevention of Cardiovascular Disease with a Mediterranean Diet. New England Journal of Medicine. April 4, 2013	2018	1695
A specific amyloid- β protein assembly in the brain impairs memory. Nature. March 16, 2008	2024	2348
Predictive Validity of a Medication Adherence Measure in an Outpatient Setting. The Journal of Clinical Hypertension. May 2, 2008.	2023	1929
MicroRNA signatures of tumor-derived exosomes as diagnostic biomarkers of ovarian cancer. Gynecologic Oncology. June 25, 2008	2023	1865
Ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children. Lancet. February 28, 1998	2010	542
Recent progress in processing and properties of ZnO. Progress in Materials Science. May 28, 2004	2020	1550
Visfatin: A protein secreted by visceral fat that mimics the effects of insulin. Science. January 21, 2005	2007	232
An enhanced transient expression system in plants based on suppression of gene silencing by the p19 protein of tomato bushy stunt virus. Plant Journal. February 28, 2003	2015	895

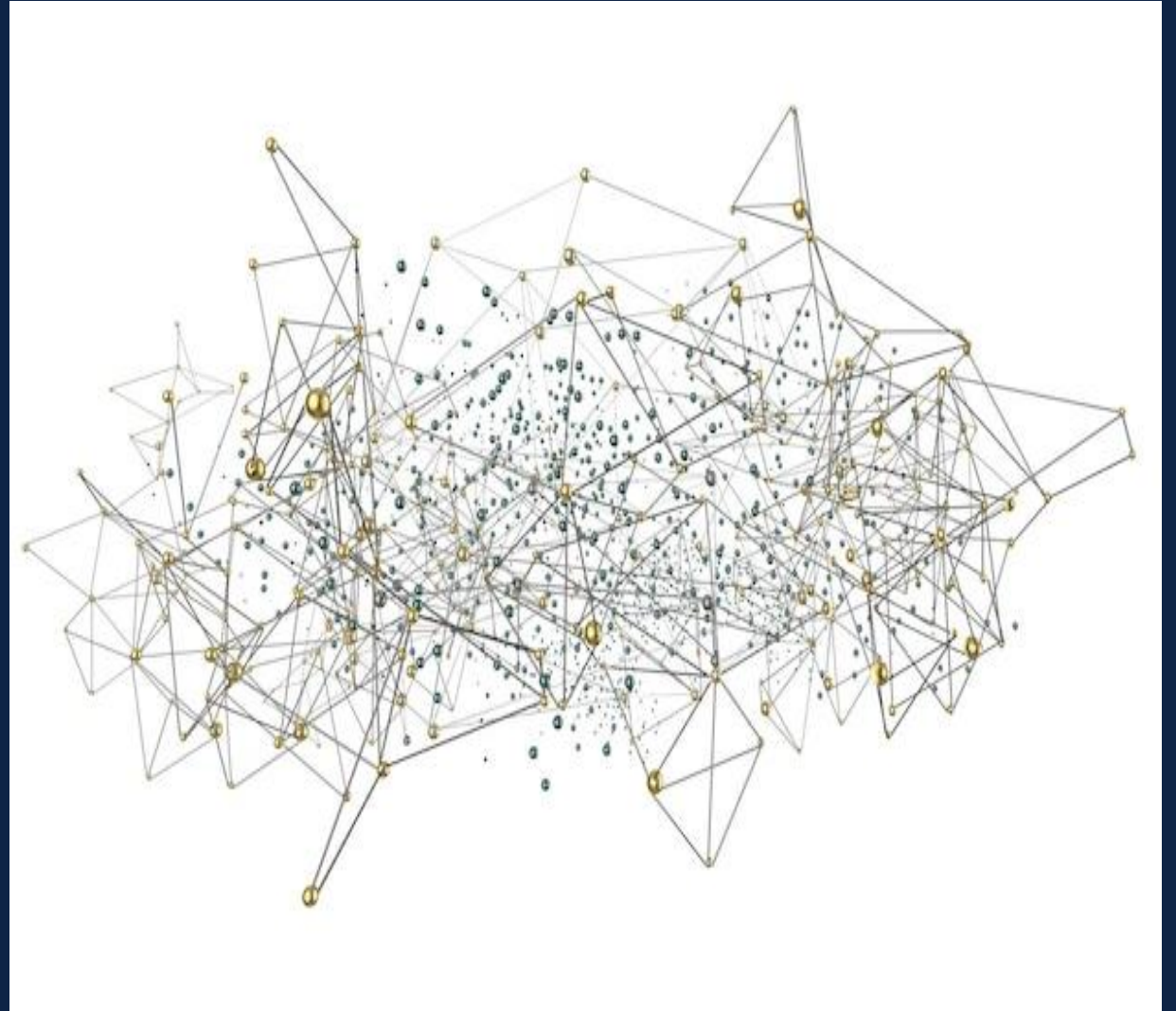
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- Lack of peer review
- Profit driven
- Harm to academic careers
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Huimin Liu · Yutian Wang · Jing Yan · [Show all 5 authors](#) · He Hongxuan

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Abstract

Rhodococcus equi is a major cause of pneumonia in domestic animals, especially foals, and an opportunistic pathogen of immunocompromised humans (1)....

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Myostatin Induces Insulin Resistance via Casitas B-Lineage Lymphoma b (Cblb)-mediated Degradation of Insulin Receptor Substrate 1 (IRS1) Protein in Response to High Calorie Diet Intake


Bonala, Sabeera ; Lokireddy, Sudarsanareddy ; McFarlane, Craig ; Patn...
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Myostatin Induces Insulin Resistance via Casitas B-Lineage Lymphoma b (Cblb)-mediated Degradation of Insulin Receptor Substrate 1 (IRS1) Protein in Response to High Calorie Diet Intake
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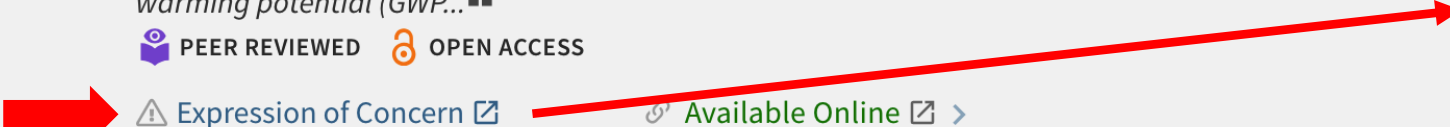
Sainju, Upendra M; Hu, Shuijin

PloS one, 2016, Vol.11 (2), p.e0148527


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PLOS ONE
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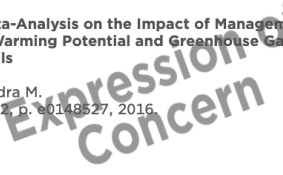
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Second order retraction: **current experience**


1  **ARTICLE**




The triple-component Ag₃PO₄-CoFe₂O₄-GO synthesis and visible light photocatalytic performance



Liu, Zhiyuan ; Feng, Hange ; Xue, Shaolin ; Xie, Pei ; Li, Lingwei ; Hou, Xin ; Gong, Jibin ; Wei, Xiaofan ; Huang, Jingxian ; Wu, Dajun

Applied surface science, 2018-11, Vol.458, p.880-892

“ ... This paper introduces a novel triple-component silver phosphate-cobalt ferrite-graphene oxide (Ag₃PO₄-CoFe₂O₄-GO... ”

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Applied Surface Science 458 (2018) 880–892

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The triple-component Ag₃PO₄-CoFe₂O₄-GO synthesis and visible light photocatalytic performance

Zhiyuan Liu^a, Hange Feng^a, Shaolin Xue^{a,*}, Pei Xie^{a,b}, Lingwei Li^a, Xin Hou^a, Jibin Gong^a, Xiaofan Wei^a, Jingxian Huang^a, Dajun Wu^{c,d}

^a College of Science, Donghua University, Shanghai 201620, China
^b School of Information Science and Technology, Donghua University, Shanghai 201620, China
^c Key Laboratory of Polar Materials and Devices, Ministry of Education, and Department of Electronic Engineering, East China Normal University, 500 Dongchuan Road, Shanghai 200241, China
^d School of Physics and Electronic Engineering, Changshu Institute of Technology, Suzhou 215500, China

ARTICLE INFO

Keywords:
Photocatalysis
Silver phosphate
Cobalt ferrite
Graphene oxide
Degradation
Sterilization

ABSTRACT

This paper introduces a novel triple-component silver phosphate-cobalt ferrite-graphene oxide (Ag₃PO₄-CoFe₂O₄-GO) photocatalyst, illustrates its synthetic principle of adjusting the pH value, elaborates on its dual-channel reaction mechanism and reveals its advantages. Morphology and elementary analyses revealed that the magnetic CoFe₂O₄ nanoparticles (NPs) and the GO were uniformly adorned on the Ag₃PO₄ particles' surface, forming a spherical structure. Because of this particular structure, not only could the Ag₃PO₄-CoFe₂O₄-GO composite be thoroughly removed with magnet field from treated water, but the photocatalytic activity and stability had been greatly improved to pure Ag₃PO₄. The effects of different samples were also evaluated, in terms of the efficiencies in inactivation and degradation. The reactive oxygen species (ROS) yield measurements and photoluminescence spectra analysis indicated that O₂ adsorption could be promoted by the CoFe₂O₄ and the GO. Upon visible light irradiation, a part of motivated electrons of the Ag₃PO₄ were consumed by the CoFe₂O₄, and others were transferred to the GO. The effective electron-hole separation is due to the dual transfer channel existing in the Ag₃PO₄-CoFe₂O₄-GO composite. Hence, the dual transfer channel is the major reason for enhancing photocatalytic activity and stability.

1. Introduction

With the development of novel photocatalyst for solar-energy conversion, more and more articles pay much attention to the highly efficient and lower-cost photocatalyst in purifying water and protecting the environment under light irradiation [1–4]. In the past, TiO₂ based semiconductors had been considered as a clearly superior option, on account of the high stability, non-toxicity and high electron mobility [5–7]. Though these semiconductors are effectual, we can't ignore a problem of TiO₂ possessing a relatively large value of band gap [8]. It been regarded as an outstanding candidate for the photocatalyst, on account of exhibiting extremely high quantum efficiency and low band gap (2.45 eV) in many photocatalytic fields [10]. Nonetheless, researchers also suffer from many disadvantages of using Ag₃PO₄. The slight solubility of Ag₃PO₄ prevents it from being employed under long-time light irradiation, influencing its repeated use [11]. The appropriate heterojunction which is formed through combining with another semiconductor can reduce the solubility of Ag₃PO₄ [12–14]. The heterojunction raises photoexcited charges separation efficiency, hindering the recombination to improve the stability of Ag₃PO₄. At the same time,

Second order retraction: LibKey Experience

1



ARTICLE

The triple-component Ag₃PO₄-CoFe₂O₄-GO synthesis and visible light photocatalytic performance

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Applied surface science, 2018-11, Vol.458, p.880-892

“ This paper introduces a novel triple-component silver phosphate-CoFe₂O₄-GO...”

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The triple-component Ag₃PO₄-CoFe₂O₄-GO synthesis and visible light photocatalytic performance

Zhiyuan Liu^a, Hange Feng^a, Shaolin Xue^{a,b,c}, Pei Xie^{a,b}, Lingwei Li^a, Xin Hou^a, Jibin Gong^a, Xiaofan Wei^a, Jingxian Huang^a, Dajun Wu^{a,d}

^a College of Science, Donghua University, Shanghai 201620, China
^b School of Information Science and Technology, Donghua University, Shanghai 201620, China
^c Key Laboratory of Fiber Materials and Devices, Ministry of Education, and Department of Electronic Engineering, East China Normal University, 500 Dongchuan Road, Shanghai 200461, China
^d School of Physics and Electronic Engineering, Changsha Institute of Technology, Shaohu 215500, China

ARTICLE INFO

Keywords:
Photocatalysis
Silver phosphate
Graphene oxide
Degradation
Sterilization

ABSTRACT

This paper introduces a novel triple-component silver phosphate-coated ferrite-graphene oxide (Ag₃PO₄-CoFe₂O₄-GO) photocatalyst, illustrates its synthesis principle of adjusting the pH value, elaborates on its dual-channel reaction mechanism and reveals its advantages. Morphology and elemental analyses revealed that the magnetic CoFe₂O₄ nanoparticles (NPs) and the GO were uniformly adsorbed on the Ag₃PO₄ particles' surfaces, forming a spherical structure. Because of this particular structure, not only could the Ag₃PO₄-CoFe₂O₄-GO composite be thoroughly removed with magnet field from treated water, but the photocatalytic activity and stability had been greatly improved to pure Ag₃PO₄. The effects of different samples were also evaluated, in terms of the efficiencies in inactivation and degradation. The reactive oxygen species (ROS) yield measurements and photoluminescence spectra analysis indicated that O₂ adsorption could be promoted by the CoFe₂O₄ and the GO. Upon visible light irradiation, a part of photogenerated electrons of the Ag₃PO₄ were consumed by the CoFe₂O₄, and others were transferred to the GO. The effective electron-hole separation is due to the dual transfer channel existing in the Ag₃PO₄-CoFe₂O₄-GO composite. Hence, the dual transfer channel is the major reason for enhancing photocatalytic activity and stability.

1. Introduction

With the development of novel photocatalyst for solar-energy conversion, more and more articles pay much attention to the highly efficient and lower-cost photocatalyst in purifying water and protecting the environment under light irradiation [1–4]. In the past, TiO₂ based semiconductors had been considered as a clearly superior option, on account of the high stability, non-toxicity and high electron mobility [5–7]. Though these semiconductors are effective, we can't ignore a problem of TiO₂ possessing a relatively large value of band gap [8]. It

been regarded as an outstanding candidate for the photocatalyst, on account of exhibiting extremely high quantum efficiency and low band gap (2.45 eV) in many photocatalytic fields [10]. Nonetheless, researchers also suffer from many disadvantages of using Ag₃PO₄. The slight solubility of Ag₃PO₄ prevents it from being employed under long-time light irradiation, influencing its repeated use [11]. The appropriate heterojunction which is formed through combining with another semiconductor can reduce the solubility of Ag₃PO₄ [12–14]. The heterojunction raises photoinduced charges separation efficiency, hindering the recombination to improve the stability of Ag₃PO₄. At the same time,

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An Uncommon Case of Atrial Fibrillation due to a Lung Mass Invasion of the Left Atrial Cavity



Ali Rahman ¹, Sura Alqaisi ¹, Shiv Krishnaswamy ¹, Emilio Hospedales ², Walif Aji ³

Affiliations + expand

PMID: 36896222 PMCID: [PMC9990543](#) DOI: [10.14740/cr1473](#)



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- Citation
- Introduction
- Incidence, Presentation And Treatment
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- Summary
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Periprosthetic Infections of the Shoulder: Current Concepts

Review Article | Open Access | Volume 8 | Issue 1
Article DOI : <https://doi.org/10.47739/2373-9290/1096>

Jason Scalise, MD^{1*}
+ Show More

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Abstract

Although rare, periprosthetic infection of the shoulder is a serious event resulting in inferior clinical outcomes. Infections about the shoulder present unique diagnostic challenges owing to the relative high frequency of lower virulent organisms which often have subtle and modest clinical presentations and diagnostic findings. Success of treatment depends on micro-organism identification, appropriate surgical procedures and appropriate antibiotic therapy. Early periprosthetic shoulder infection can be treated with debridement and exchange of modular components, while chronic PSI requires a one-stage or two-stage revision procedure. Indications for a one-stage revision procedure are evolving but have demonstrated promising results in initial studies. Two-stage revision procedures are more common and demonstrate favorable survival rates. Resection arthroplasty remains an option for lower-demand patients or recalcitrant infection. The surgeons should understand the diagnostic and treatment strategies that are most likely to have the most favorable outcome for patients with a periprosthetic shoulder infection.

Keywords

- Shoulder arthroplasty; Prosthetic infection; Revision arthroplasty

Citation

Scalise J (2021) Periprosthetic Infections of the Shoulder: Current Concepts. Ann Orthop Rheumatol 8(1): 1096.

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Grazie! Thank you!

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