Celebrating Drexel Authors

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The Office of the Provost

April 27, 2021
Trends in Scholarly Communications During COVID-19

- **200,000+ articles** about COVID-19 published in 2020

- **30,000+** articles published as Open Access preprints

- Publishers saw as high as a **92% increase in health & medical articles** submitted in 2020 vs. 2019
2020 Authors of Highly Cited Papers

Presented by
Paul E. Jensen, PhD
Executive Vice President and
Nina Henderson Provost
Drexel Authors by the Numbers

Since 2013, we have recognized...

• 495 book authors & editors
• 466 unique books
• 111 impactful journal article authors (since 2017)
• Representing 100% of colleges & schools

Today, we recognize...

• 61 book authors & editors
• 56 unique books
• 32 authors of 24 highly-cited journal articles
• 29 gold dragons
ACADEMY OF NATURAL SCIENCES
OF DREXEL UNIVERSITY
Mark H. Sabaj Pérez, PhD
Interim Curator of Ichthyology

Codes for Natural History Collections in Ichthyology & Herpetology
Published in Copeia

Phylogenomic Analysis of Trichomycterid Catfishes (Teleostei: Siluriformes) Inferred from Ultraconserved Elements
Published in Scientific Reports
A Search for Medications to Treat COVID-19 via in Silico Molecular Docking Models of the SARS-CoV-2 Spike Glycoprotein and 3CL Protease

Published in *Travel Medicine & Infectious Disease*
Gordon Richards, PhD
Professor
Department of Physics

The Karl G. Jansky Very Large Array Sky Survey (VLASS): Science Case and Survey

Published in Publications of the Astronomical Society of the Pacific
Michael Silverstein, PhD
PhD Candidate
Department of Psychology

The Relationship Between Executive Function Deficits and DSM-5-Defined ADHD Symptoms

Published in Journal of Attention Disorders
Mark H. Anayee
PhD Student
Department of Materials Science & Engineering

*Scalable Synthesis of Ti3C2Tx Mxene*

Published in *Advanced Engineering Materials*
Michael Barsoum, PhD
Distinguished Professor
Department of Materials Science & Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
Michael Carey
PhD Student
Department of Materials Science & Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
Gary Friedman, PhD
Professor
Department of Electrical & Computer Engineering

*Beyond Ti3C2Tx: MXenes for Electromagnetic Interference Shielding*

Published in *ACS Nano*
Yury Gogotsi, PhD, DSc, DrHC
Distinguished University and Charles T. and Ruth M. Bach Professor
Department of Materials Science & Engineering

Beyond Ti3C2Tx: MXenes for Electromagnetic Interference Shielding
Published in ACS Nano

Electromagnetic Shielding of Monolayer MXene Assemblies
Published in Advanced Materials

MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles
Published in Advanced Functional Materials

Perspectives for Electrochemical Capacitors and Related Devices
Published in Nature Materials

Scalable Manufacturing of Free-Standing, Strong Ti3C2Tx MXene Films with Outstanding Conductivity
Published in Advanced Materials

Synthesis of Mo4VAiC4 MAX Phase and Two-Dimensional Mo4VC4 MXene with Five Atomic Layers of Transition Metals
Published in ACS Nano

Ti3C2Tx MXene-Reduced Graphene Oxide Composite Electrodes for Stretchable Supercapacitors
Published in ACS Nano

Toward Nanotechnology-Enabled Approaches against the COVID-19 Pandemic
Published in ACS Nano

Raman Spectroscopy Analysis of the Structure and Surface Chemistry of Ti3C2Tx MXene
Published in Chemistry of Materials

Scalable Synthesis of Ti3C2Tx MXene
Published in Advanced Engineering Materials
Meikang Han, PhD
Postdoctoral Researcher
Department of Materials Science & Engineering

*Beyond Ti$_3$C$_2$Tx: MXenes for Electromagnetic Interference Shielding*
Published in *ACS Nano*

*Scalable Manufacturing of Free-Standing, Strong Ti$_3$C$_2$Tx MXene Films with Outstanding Conductivity*
Published in *Advanced Materials*
Kanit Hantanasirisakul
PhD Student
Department of Materials Science & Engineering

Synthesis of Mo$\text{IV}$AlC$_4$ MAX Phase and Two-Dimensional Mo$\text{IV}$VC$_4$ MXene with Five Atomic Layers of Transition Metals

Published in ACS Nano
Vibha Kalra, PhD
Associate Professor
Department of Chemical & Biological Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
Ariana S. Levitt, PhD
PhD Candidate
Department of Materials Science & Engineering

**MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles**
Published in *Advanced Functional Materials*

**Scalable Manufacturing of Free-Standing, Strong Ti3C2Tx MXene Films with Outstanding Conductivity**
Published in *Advanced Materials*

**Scalable Synthesis of Ti3C2Tx Mxene**
Published in *Advanced Engineering Materials*
Shan Mei, PhD  
PhD Candidate  
Department of Materials Science & Engineering

*MXene/Polymer Membranes: Synthesis, Properties, and Emerging Applications*

Published in *Chemistry of Materials*
Varun Natu
PhD Student
Department of Materials Science & Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
Rahul Pai
PhD Student
Department of Chemical & Biological Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
David Parchment
Undergraduate Student
Department of Materials Science & Engineering

Beyond Ti3C2Tx: MXenes for Electromagnetic Interference Shielding

Published in ACS Nano
Asia Sarycheva, PhD
PhD Candidate
Department of Materials Science & Engineering

Raman Spectroscopy Analysis of the Structure and Surface Chemistry of Ti3C2Tx MXene
Published in Chemistry of Materials

Scalable Synthesis of Ti3C2Tx MXene
Published in Advanced Engineering Materials

Synthesis of Mo4VA1C4 MAX Phase and Two-Dimensional Mo4VC4 MXene with Five Atomic Layers of Transition Metals
Published in ACS Nano
Christopher Shuck, PhD
Postdoctoral Researcher
Department of Materials Science & Engineering

*Beyond Ti3C2Tx: MXenes for Electromagnetic Interference Shielding*
Published in *ACS Nano*

*Scalable Synthesis of Ti3C2Tx Mxene*
Published in *Advanced Engineering Materials*

*Synthesis of Mo4VA1C4 MAX Phase and Two-Dimensional Mo4VC4 MXene with Five Atomic Layers of Transition Metals*
Published in *ACS Nano*
Maxim Sokol, PhD
Postdoctoral & Visiting Researcher
Department of Materials Science & Engineering

2D Ti3C2Tz MXene Synthesized by Water-free Etching of Ti3AlC2 in Polar Organic Solvents

Published in Chem
Wei Sun, PhD
Albert Soffa Chair Professor
Department of Mechanical Engineering & Mechanics

*The Bioprinting Roadmap*

Published in *Biofabrication*
Simge Uzun, PhD  
Research & Teaching Assistant  
Drexel Nanomaterials Institute & Center for Functional Fabrics

*MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles*  
Published in *Advanced Functional Materials*

*Scalable Manufacturing of Free-Standing, Strong Ti3C2Tx MXene Films with Outstanding Conductivity*  
Published in *Advanced Materials*

*Scalable Synthesis of Ti3C2Tx Mxene*  
Published in *Advanced Engineering Materials*
Yuanzhe Zhu
Undergraduate Student
Department of Mechanical Engineering & Mechanics

Scalable Synthesis of Ti3C2Tx Mxene

Published in Advanced Engineering Materials
Wen-Jun Gao, MD, PhD
Professor
Department of Neurobiology & Anatomy

NMDA Receptor Hypofunction for Schizophrenia Revisited: Perspectives from Epigenetic Mechanisms

Published in Schizophrenia Research
Peter Gaskill, PhD
Assistant Professor
Department of Pharmacology & Physiology

*Where Is Dopamine and How Do Immune Cells See It?: Dopamine-Mediated Immune Cell Function in Health and Disease*

Published in *Journal of Neuroimmune Pharmacology*
Shuping Ge, MD  
Professor  
Department of Pediatrics

Deep Vein Thrombosis in Hospitalized Patients with COVID-19 in Wuhan, China: Prevalence, Risk Factors and Outcome

Published in Circulation
Donald Hall, PhD
Postdoctoral Researcher & COVID-19 Molecular Diagnostic Lab Supervisor
Department of Microbiology & Immunology

A Search for Medications to Treat COVID-19 via in Silico Molecular Docking Models of the SARS-CoV-2 Spike Glycoprotein and 3CL

Published in Travel Medicine & Infectious Disease
Edward Hartsough, PhD
Assistant Professor
Department of Pharmacology & Physiology

Mutant BRAF and MEK Inhibitors Regulate the Tumor Immune Microenvironment via Pyroptosis

Published in Cancer Discovery
Stephanie Matt, PhD
Postdoctoral Researcher
Department of Pharmacology & Physiology

Where Is Dopamine and How Do Immune Cells See It?: Dopamine-Mediated Immune Cell Function in Health and Disease

Published in *Journal of Neuroimmune Pharmacology*
Jonathan Purtle, DrPH, MPH, MSc
Associate Professor
Department of Health Management & Policy

**Systematic Review of Evaluations of Trauma-Informed Organizational Interventions that Include Staff Trainings**

Published in *Trauma Violence & Abuse*
WESTPHAL COLLEGE OF MEDIA ARTS & DESIGN
Daniel Chung, PhD, PE, RA, LEED AP
Associate Professor
Department of Architecture, Design & Urbanism

Dynamic Thermal and Hygrometric Simulation of Historical Buildings: Critical Factors and Possible Solutions

Published in Renewable & Sustainable Energy Reviews
Genevieve Dion
Professor
Director, Center for Functional Fabrics
Affiliate Faculty, Department of Materials Science & Engineering

MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles

Published in Advanced Functional Materials
Congratulations to all authors of highly cited papers!
2020 Book Authors & Editors

Presented by Danuta A. Nitecki, PhD Dean of Libraries
Clinical Guide to Early Interventions for Children with Autism

Giacomo Vivanti, PhD
Associate Professor
Early Detection & Intervention Research Program
COLLEGE OF ARTS & SCIENCES
Evading International Norms: Race & Rights in the Shadow of Legality

Zoltán Búzás, PhD
Assistant Professor
Department of Politics
The Labyrinth of Cretan Cuisine

Maria Chnarakas, PhD
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China's Urban Future & the Quest for Stability

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Center for Public Policy
Becoming a Forensic Psychologist

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Trauma & Transformation in African Literature

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The Minor Virtues

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Department of English & Philosophy
Living Quixote: Performative Activism in Contemporary Brazil & the Americas

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Professor & Department Head
Department of Global Studies & Modern Languages
Some of the Times

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Content Coordinator
Essentials of Visual Interpretation

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Department of Communication
The 33rd

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Teaching Professor
Department of English & Philosophy
Island Future: Caribbean Survival in the Anthropocene

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Department of Sociology
The Accidental Empress

Justin Smith, PhD  
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Department of Mathematics
The Great American Deception

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Department of English & Philosophy
Feeling Medicine: How the Pelvic Exam Shapes Medical Training

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Department of Sociology
Center for Science, Technology and Society
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Department of Information Science
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Introduction to Control System Design

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Professor
Department of Mechanical Engineering & Mechanics

Harry Kwatny, PhD
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Department of Mechanical Engineering & Mechanics
The Spies at Carpenters' Hall: A Blueprint for a Revolution

Charles Cook, PhD, MFA
Clinical Professor
Engineering Leadership & Society
Plasma Physics & Engineering

Alexander Fridman, PhD
Nyheim Chair Professor & Director of the C.J Nyheim Plasma Institute
Department of Mechanical Engineering & Mechanics
COLLEGE OF MEDICINE
Advanced Concepts in Human Immunology: Prospects for Disease Control

Pooja Jain, PhD
Professor
Department of Microbiology & Immunology
Majority Rules: Completing the Journey to Women's Equity

Lynn Yeakel, MSM
Director, Drexel University College of Medicine’s Institute for Women's Health and Leadership
Betty A. Cohen Chair in Women's Health
COLLEGE OF NURSING & HEALTH PROFESSIONS
The Opioid Epidemic: Medical, Nursing & Counseling Behavioral Treatment

Stephanie Brooks, PhD, LCSW, LMFT
Senior Associate Dean, Health Professions & Faculty Affairs
Clinical Professor
Counseling & Family Therapy Department

Albert Rundio, PhD, DNP, RN, APRN, NEA-BS, FNAP, FIAAN, FAAN
Clinical Professor
Doctor of Nursing Practice Department
The Anti-Inflammatory Family Cookbook

Jonathan Deutsch, PhD, CHE, CRC
Director, Drexel Food Lab
Professor
Department of Food & Hospitality Management
A Caregiver's Guide to Dementia: Using Activities & Other Strategies to Prevent, Reduce & Manage Behavioral Symptoms

Una Guía Para el Cuidador Sobre la Demencia: Como Utilizar Actividades y Otras Estrategias Para Prevenir, Reducir y Tratar Síntomas Conductuales (Spanish Edition)

Successful Grant Writing: Strategies for Health & Human Service Professionals

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Dementia 101: Simple, SenseAble Suggestions to Connect & EngAge

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Off-site Clinical Supervisor
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Innovative Uses of Agricultural Products & Byproducts

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Department of Food & Hospitality Management
Lippincott Certification Review: Adult-Gerontology Acute Care Nurse Practitioner

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Track Director, Adult-Gerontology Acute Care Nurse Practitioner Program
Assistant Clinical Professor
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Urban Public Health: A Research Toolkit for Practice & Impact

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Clinical Professor
Department of Health Management & Policy

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Co-Director, Urban Health Collaborative
Associate Professor of Urban Health
Department of Epidemiology & Biostatics
Pandemics for Babies

Neil Goldstein, PhD
Assistant Research Professor
Department of Epidemiology & Biostatistics
I know How This Ends

Amy Impellizzeri, JD
Instructor, MFA Low Residency Program
ENROLLMENT MANAGEMENT & STUDENT SUCCESS
Woah There, Tiger: Advice and Activities for the Anxious

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Graphic Designer
Obstacle Course: The Everyday Struggle to Get an Abortion in America

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Adjunct Professor of Law
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Sales Force Management

Rolph Anderson, PhD
Professor
Department of Marketing
Python for Marketing Research & Analytics

Elea McDonnell Feit, PhD
Associate Professor
Department of Marketing
The Athletic Giving Handbook

Daniel Freeman, EdD 🏈
Associate Director of Development
Institutional Advancement
Emerging Market Finance: New Challenges & Opportunities

Bang Jeon, PhD
Professor
School of Economics
Internet of Things: Cases & Studies

Benjamin Lev, PhD
Trustee Professor
Department of Data Science & MIS
OFFICE OF COUNSELING & HEALTH SERVICES
Retrograde

Anjé McLish, MA
Staff Therapist
OFFICE OF INSTITUTIONAL ADVANCEMENT
What to Say Next: Successful Communication in Work, Life & Love—with Autism Spectrum Disorder

Sarah Nannery, MA
Director, Development for Autism Programming
OFFICE OF THE GENERAL COUNSEL
Legal & Ethical Issues in Nursing Education: An Essential Guide

John Gyllenhammer, JD
Deputy General Counsel
Chief Counsel for Health Sciences
SCHOOL OF EDUCATION
Scientific Influences on Early Childhood Education: From Diverse Perspectives to Common Practices

Dominic Gullo, PhD
Professor
Gender & Practice: Knowledge, Policy, Organizations

Kristy Kelly, PhD
Associate Clinical Professor
Rural Education in China’s Social Transition

Peggy Kong, EdD
Visiting Scholar
70 Years of Research into Creativity: JP Guildford’s Role & Today’s Focus

Fredricka Reisman, PhD
Co-Director, Drexel Torrance Center for Creativity & Innovation
Professor Emerita
Using Creativity to Address Dyslexia, Dysgraphia, & Dyscalculia: Assessments & Techniques

Fredricka Reisman, PhD
Co-Director, Drexel Torrance Center for Creativity & Innovation
Professor Emerita

Lori Severino, EdD
Assistant Professor
WESTPHAL COLLEGE OF MEDIA ARTS & DESIGN
Reveal

Andrea Modica, MFA, BFA
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Department of Design
Health, Mind, Body & Soul

Daphney Wright
Administrative Coordinator
Department of Digital Media
Congratulations to all 2020 authors & editors!