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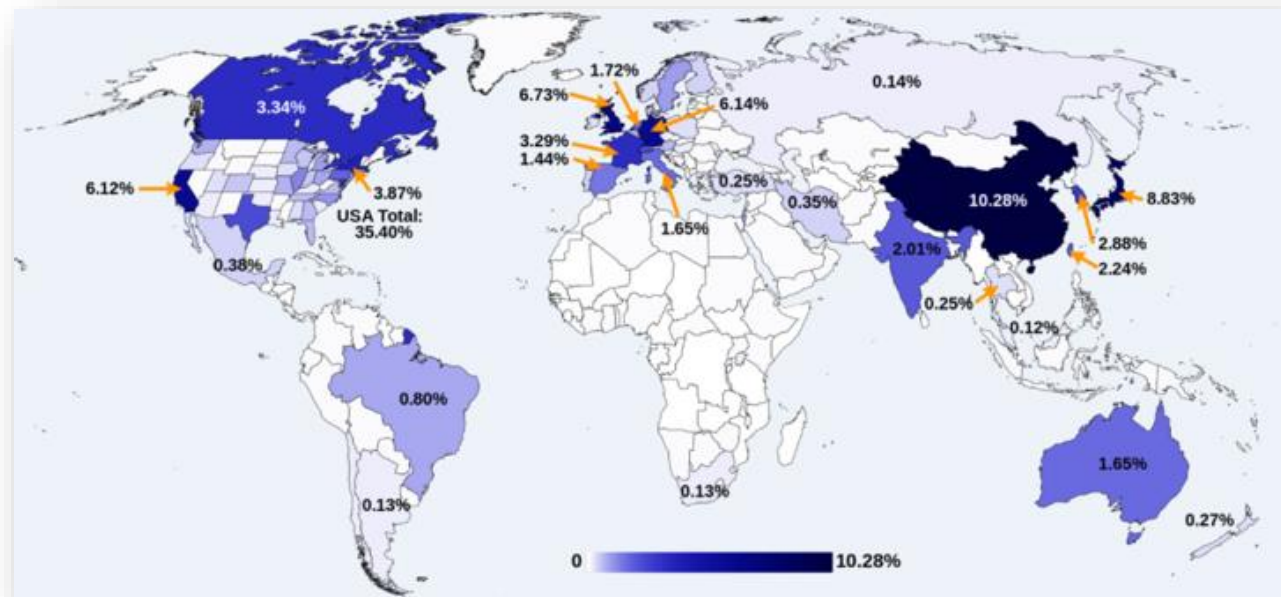


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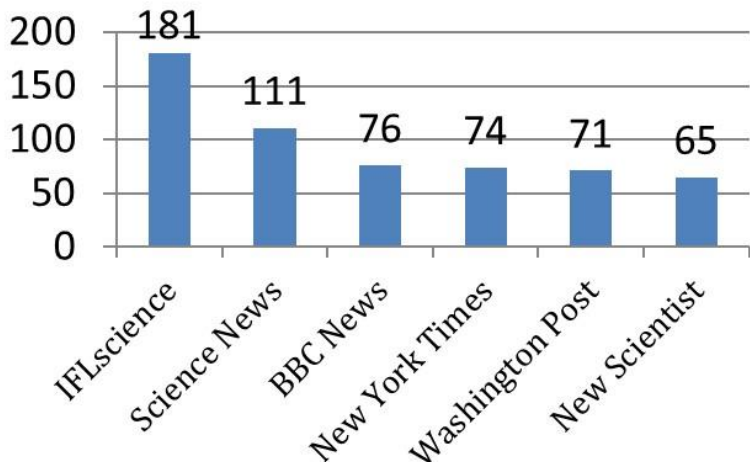
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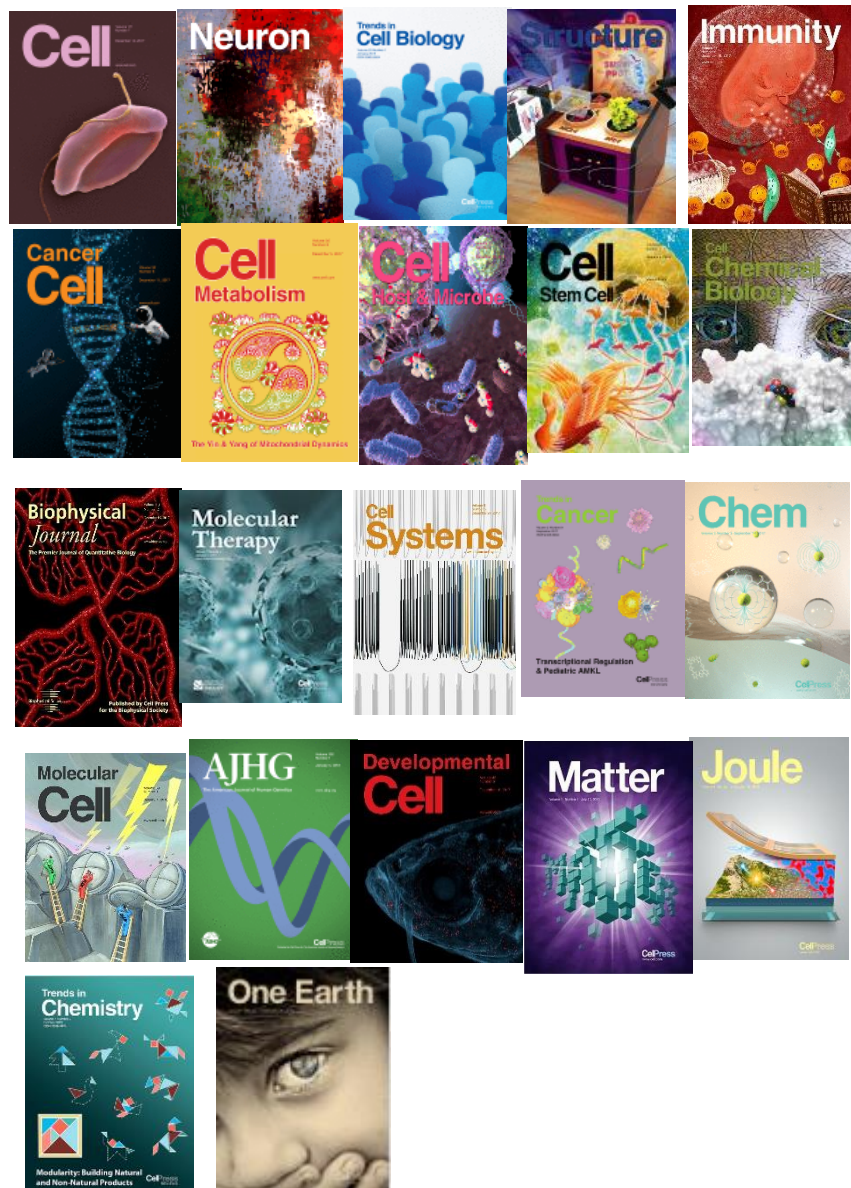
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Available online 3 March 2021

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PM_{2.5} reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions

Qirui Zhong^{1,2}, Shu Tao^{1,2,3,6,8,✉}, Jianmin Ma², Junfeng Liu², Huizhong Shen¹, Guofeng Shen², Dabo Guan^{4,5}, Xiao Yun², Wenjun Meng², Xinyuan Yu², Hefa Cheng², Dongqiang Zhu², Yi Wan², Jianying Hu²

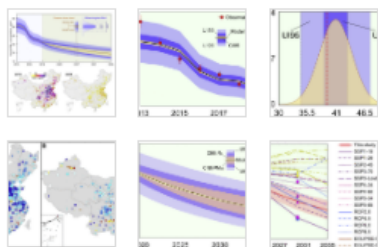
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- National mean PM_{2.5} decreased by 34% from 2013 to 2019 through emission mitigation
- National PM_{2.5} reductions were overestimated because of meteorological effects
- Mitigation efforts for individual cities are related to initial pollution level and GDP
- National mean PM_{2.5} will decrease to 24.2 μg/m³ by 2035 under continuous action


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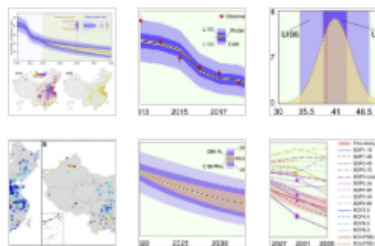
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Volume 171, Issue 6, 30 November 2017, Pages 1229-1231



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How Cryo-EM Became so Hot

Yifan Cheng¹, Robert M. Glaeser², Eva Nogales^{2,3}

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The Royal Swedish Academy of Sciences awarded the 2017 Nobel Prize for Chemistry to Jacques Dubochet, Joachim Frank, and Richard Henderson for “developing **cryoelectron microscopy** for the high-resolution structure determination of biomolecules in solution.” Achieving this goal, which required

Cryo-Electron Microscopy

Cryoelectron microscopy showed that the flexible dimerization domain gets ordered when Ase1/PRC1 crosslinks two antiparallel microtubules [78], leading to the rod domains projecting from the microtubule-binding domains at a fixed angle [74,78].

From: Trends in Cell Biology, 2013

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Friedrich Förster, Elizabeth Villa, in *Methods in Enzymology*, 2010

Abstract

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Recent Advances in Electron Cryomicroscopy, Part B

Michael G. Rossmann, ... Pavel Plevka, in *Advances in Protein Chemistry and Structural Biology*, 2011

Abstract

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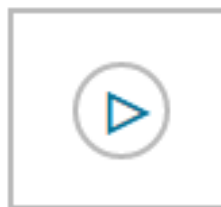
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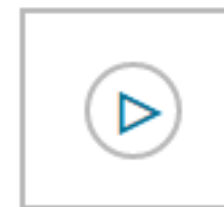
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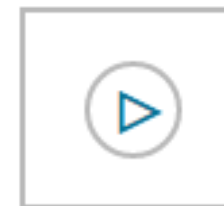
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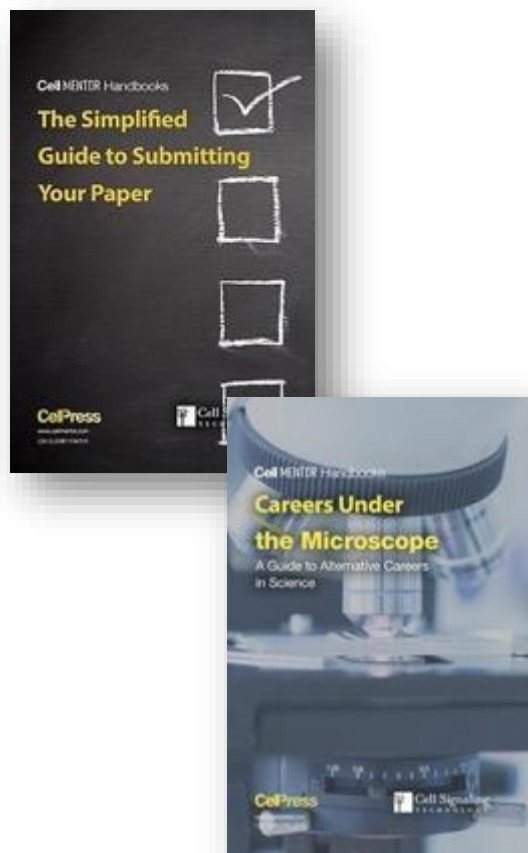
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<ul style="list-style-type: none"> > Funding > Research data management > Research collaborations 	<ul style="list-style-type: none"> > Fundamentals of manuscript preparation > Writing skills > Technical writing skills > Book writing 	<ul style="list-style-type: none"> > Fundamentals of publishing > Finding the right journal > Ethics > Open science > Publishing in the Chemical Sciences 	<ul style="list-style-type: none"> > Certified Peer Reviewer Course > Fundamentals of peer review > Becoming a peer reviewer > Going through peer review 	<ul style="list-style-type: none"> > Social impact > Ensuring visibility > Sustainable Development Goals for Researchers

精彩科研活动

2021 ScienceDirect科研检索竞赛进行中



爱思唯尔
科研服务号

答题入口

2021年ScienceDirect检索竞赛共分五期，五大主题涵盖检索技巧和文献知识。报名后可点击下方栏目参与每期竞赛。



第一期

主题：高效科研
点击前往答题



第二期

主题：电子图书
5月1日开启



第三期

主题：回溯经典
7月1日开启



第四期

主题：特刊系列
9月1日开启



第五期

主题：诺贝尔奖专题
11月1日开启

2021年 ScienceDirect 检索竞赛 | 提升科研技能 赢取丰厚奖励

大赛奖励

- 一等奖 (1名)**
华为Nova 8 5G手机
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- 二等奖 (2名)**
大疆 Pocket 2 灵眸口袋云台相机
(每位参赛者限领1台, 400名参赛者)
- 三等奖 (3名)**
小米1C扫地机器人
(每位参赛者限领1台, 200名参赛者)
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小米手环5
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自2021年3月1日起至2021年12月31日, 共5个阶段, 每天上午10:00至晚上22:00, 24小时在线, 每日在竞赛官网公布当期主题和赛程, 每日10:00更新。

主题一：高效科研
主题二：电子图书
主题三：回溯经典
主题四：特刊系列
主题五：诺贝尔奖专题

参赛方式

大赛官网和微信公众号均可扫码登录爱思唯尔科研服务号, 注册成为爱思唯尔2021年用户即可参与竞赛。竞赛期间, 一二三等奖获得者还可获得爱思唯尔100元优惠券, 可用于爱思唯尔旗下任何产品。爱思唯尔科研服务号每日更新竞赛主题和赛程, 敬请关注。爱思唯尔科研服务号每日更新竞赛主题和赛程。

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