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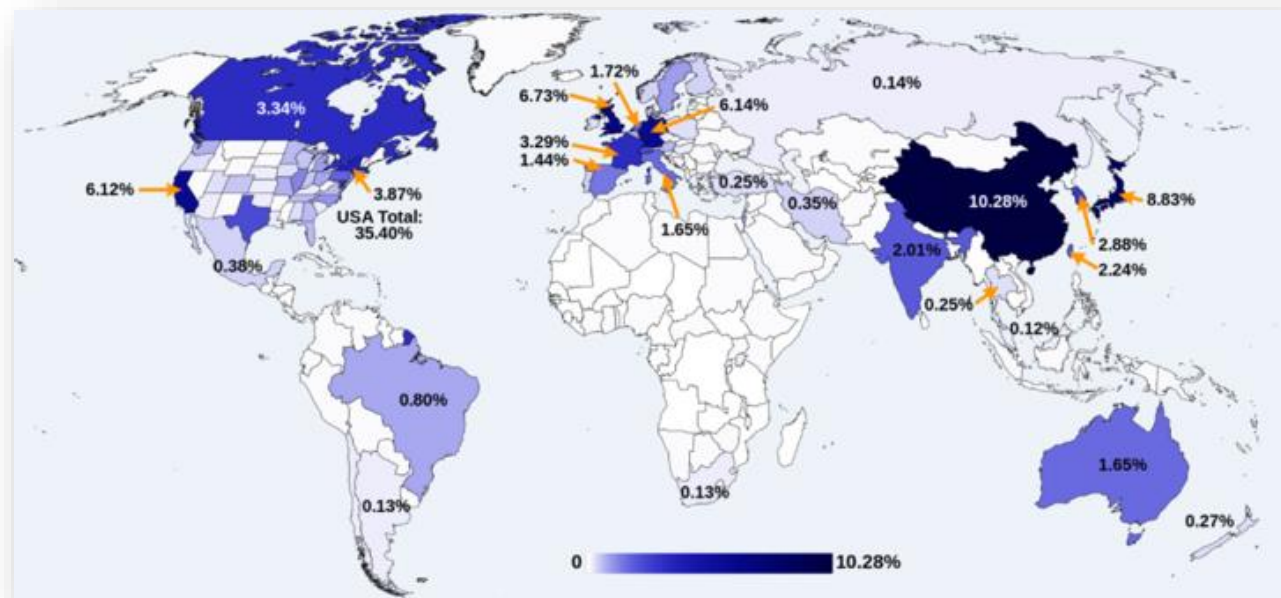


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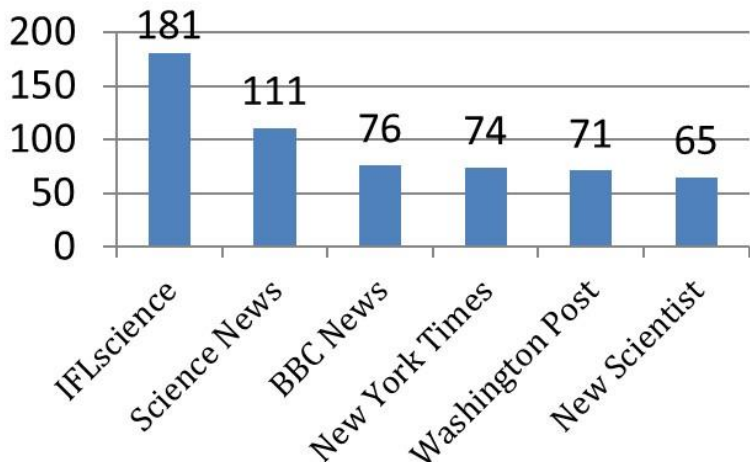
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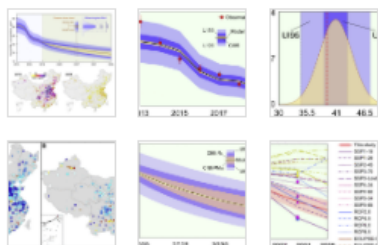
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PM_{2.5} reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions

 Qirui Zhong ^{1, 2}, Shu Tao ^{1, 2, 3, 6, 8, 9}, Jianmin Ma ², Junfeng Liu ², Huizhong Shen ¹, Guofeng Shen ², Dabo Guan ^{4, 5}, Xiao Yun ², Wenjun Meng ², Xinyuan Yu ², Hefa Cheng ², Dongqiang Zhu ², Yi Wan ², Jianying Hu ²
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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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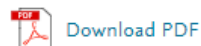
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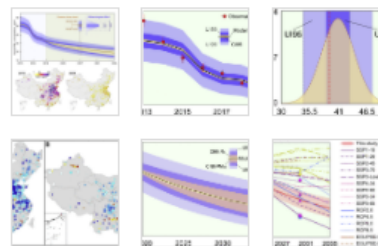
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Volume 171, Issue 6, 30 November 2017, Pages 1229-1231



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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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Cryo-EM, Part C: Analyses, Interpretation, and Case studies

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

Abstract

Cryoelectron microscopy (cryo-EM) is an increasingly popular method to elucidate the structures of macromolecular complexes. However, in many applications the resolution of cryo-EM densities is limited to the low or intermediate resolution regime, that is, $(10 \text{ \AA})^{-1}$ or worse. Therefore, unambiguous molecular interpretation of cryo-EM densities requires efficient use of additional information, such as

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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From: Small Animal Critical Care Medicine (Second Edition), 2015

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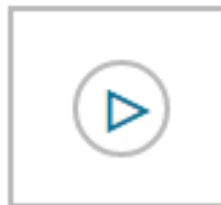
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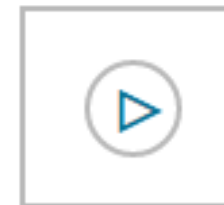
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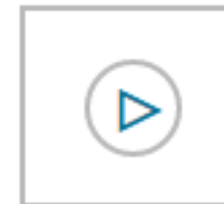
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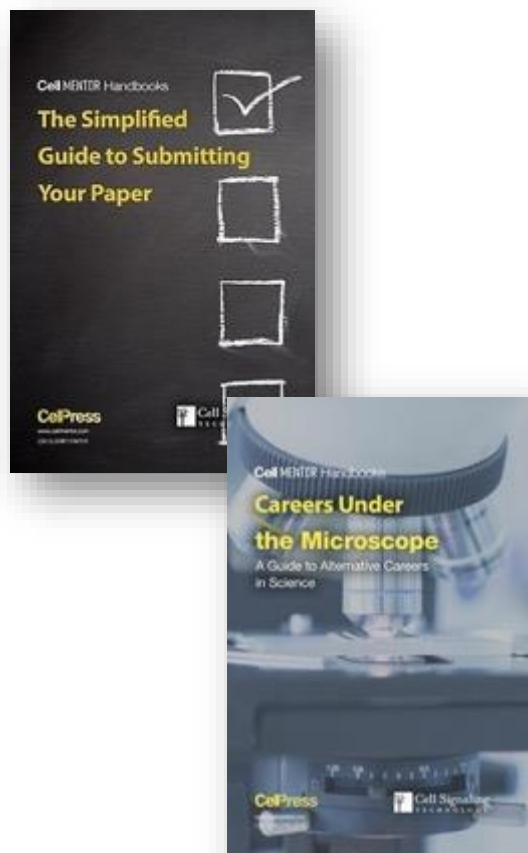
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<ul style="list-style-type: none"> > Funding > Research data management > Research collaborations 	<ul style="list-style-type: none"> > Fundamentals of manuscript preparation > Writing skills > Technical writing skills > Book writing 	<ul style="list-style-type: 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

大赛赛程

自2021年3月1日至2021年12月31日，共5期竞赛，每天上午10:00至晚上22:00开放答题，每日在竞赛页面中实时更新积分，每日17:00截止。

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

一等奖 (1名)

华为Nova 8 5G手机
MSO998460,2200人参与

二等奖 (2名)

大疆Pocket 2灵眸口袋云台相机
MSO998460,2200人参与

三等奖 (3名)

小米1C扫地机器人
MSO998460,2200人参与

幸运奖 (30名)

小米手环5
MSO998460,2200人参与

团队奖 (3名)

三星34英寸曲面显示器
MSO998460,2200人参与

参赛方式

扫描二维码提交个人信息，排名成功后将获赠精美礼品一份。

大赛期间所有竞赛均可在爱思唯尔APP或网站24小时参与，竞赛期间每日20:00的用户可在线查看积分排名！一二三等奖获得者还将获赠ScienceDirect平台会员权益及增值服务。详细规则及竞赛流程可在竞赛页面查看。



爱思唯尔Elsevier

引领科学，技术，医疗的创新之路

