

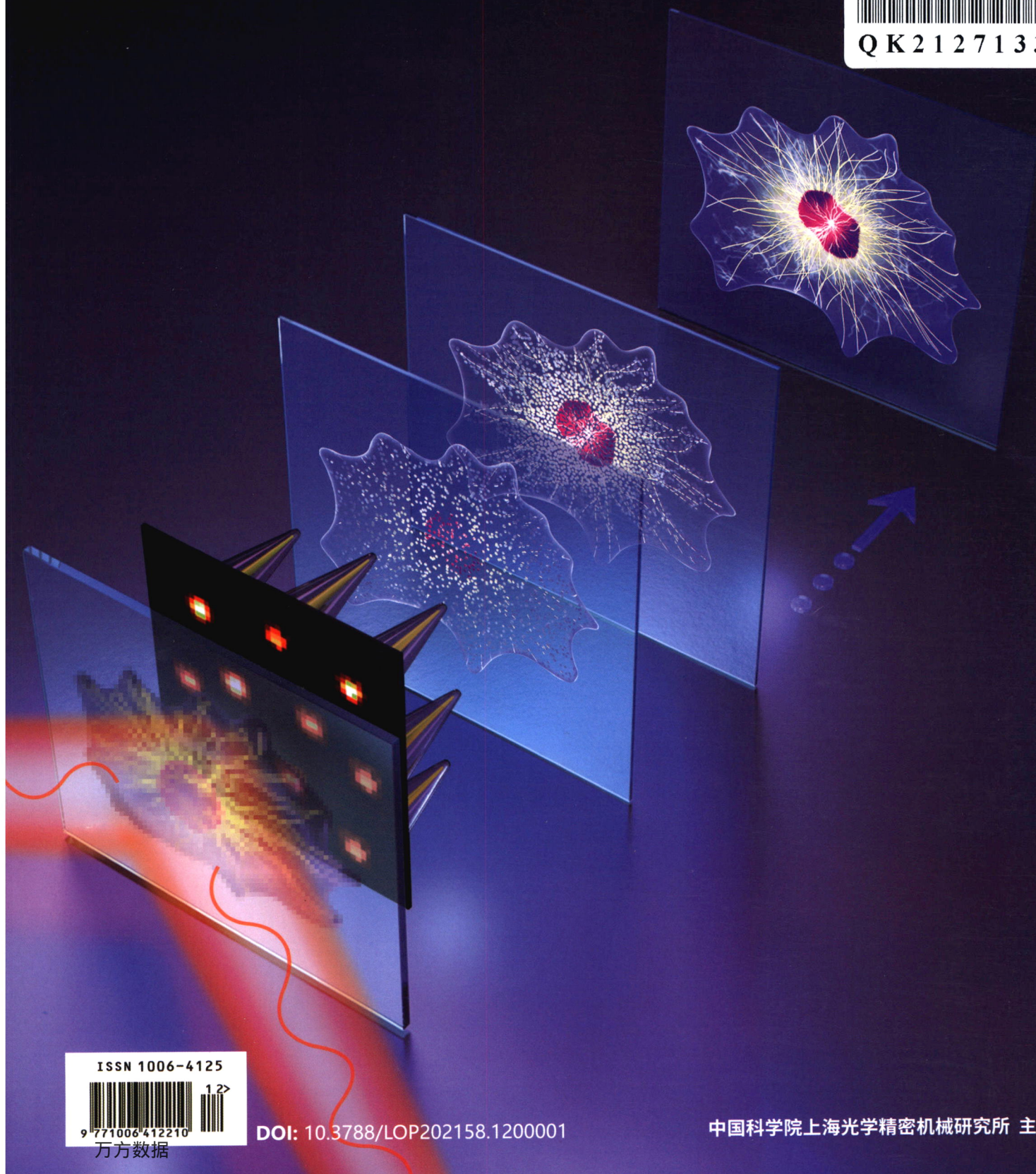
# 激光与光电子学进展

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中国科学院上海光学精密机械研究所 主办

# 激光与光电子学进展

## ——先进成像——

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## 封面解读

本封面体现了单子分定位超分辨成像的基本原理:全内反射时的倏逝波激发细胞样品,导致样品中标记的荧光分子随机闪烁,荧光信号被探测器捕捉,随后进行高斯拟合,得到每个荧光分子的精准定位信息,多次采集叠加,最终重建出一张单分子定位超分辨图像。以诗简述:细胞瀚海迷茫眼,衍射极限力不从。星星荧光超分辨,积微成著银河现。

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# 激光与光电子学进展

Laser & Optoelectronics Progress

特别专辑

## “先进成像”封面文章

## 2020年



万方数据