

Editorial Note

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We, the editorial board would like to thank all the users and
the staffs who have contributed to the editing of this "PF Highlights 2021".

Cover Photos

Top: Visualization of metal-to-insulator transition (MIT) induced by resonant-tunneling (RT) effect
in double quantum well (QW) structures of strongly correlated oxides. (Highlight 1-8)
Upper Middle: Crystal structure of the neutralizing antibody NT-193 in complex
with SARS-CoV-2 RBD shows similar binding mode with ACE2. (Highlight 3-5)
Lower Middle: An example of two simultaneous synchrotron radiation beam experiments in the Hybrid Ring.
Two X-ray probes for a solar cell. (Highlight 5-1)
Bottom: Optical layout of the X-ray microscope with two Fresnel zone plates (FZPs) and
zoom view of the Siemens pattern. (Highlight 4-2)

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