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Highlights content based on your reading needs:
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Take a look at some of our 2017 highlight articles which have been hand picked by our publishing team based on physics excellence. Our highlights papers showcase some of the best work published in our journals over the course of the year.

The topics and journals below have been chosen based on the subject areas read in Ukraine.

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Journal of Physics: Condensed Matter™ highlights papers
<http://comms.iop.org/c/18uOwxHPK41GtJmMwv97aofZi>
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Metastable phases of 2D boron sheets on Ag(1 1 1):
<http://comms.iop.org/c/18uOwUbXkjgbtxYNBn5GXzp5r>
Assessing the amorphousness and periodicity of common domain boundaries in silica bilayers on Ru(0 0 0 1):
<http://comms.iop.org/c/18uOxgG4UyOGtmAOGf2gKKybA>
Blocking of injected holes at the charge extracting interface:
<http://comms.iop.org/c/18uOxDacuOdbtbcPL6YQxVHhJ>
Thermoelectric properties of SnSe 2 monolayer:
<http://comms.iop.org/c/18uOxZEK53BGsZOQPYVql6QnS>

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Journal of Physics B: Atomic, Molecular and Optical Physics™ highlights papers:
<http://comms.iop.org/c/18uOym8rFj0bsOqRUQS08hZu1>
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All-optical production of dual Bose-Einstein condensates of paired fermions and bosons with 6Li and 7Li:
<http://comms.iop.org/c/18uOyICzfyoGsD2SZIOzVt8Aa>

Propagating Bloch modes above the lightline on a periodic array of cylinders:
<http://comms.iop.org/c/18uOz56GPNNbsrEU4AL9IEhGj>

Fully differential study of few-body dynamics in multi-electron atomic fragmentation processes:
<http://comms.iop.org/c/18uOzO4W0iAbs4SWekEjj0zSB>

Magnetic resonance of rubidium atoms passing through a multi-layered transmission magnetic grating:
<http://comms.iop.org/c/18uOAaz3AxYGrTuXjcAT6bIYK>

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Nanotechnology™ highlights papers:
<http://iopscience.iop.org/journal/0957-4484/page/Highlights%202017>
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Molecular assembly on two-dimensional materials:
<http://iopscience.iop.org/article/10.1088/1361-6528/aa564f>

Heterogeneous electrochemical CO₂ reduction using nonmetallic carbon-based catalysts: current status and future challenges:
<http://comms.iop.org/c/18uOAx3baNnbrI6Yo4xsTmS4T>

Advanced oxidation scanning probe lithography
<http://comms.iop.org/c/18uOATxiL2LGrwIZsWu2Gy1b2>

Biomedical applications of nanodiamond (Review):
<http://comms.iop.org/c/18uOBg1qliabrll0xOqCtJahb>

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Semiconductor Science and Technology™ highlights papers:
<http://comms.iop.org/c/18uOBCvxVxyGr9X1CGncgUjnk>

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Design considerations for AlGa_N-based UV LEDs emitting near 235 nm with uniform emission pattern:
<http://comms.iop.org/c/18uOBYZFvMXbqYz2HyjM45stt>

Large area growth of monolayer MoS₂ film on quartz and its use as a saturable absorber in laser mode-locking:
<http://comms.iop.org/c/18uOCltn621GqNb3MqglRgBzC>

Fabrication of α -Ga₂O₃/ZnO heterojunction for solar-blind deep ultraviolet photodetection:
<http://comms.iop.org/c/18uOCHXUGhKbqBN4RicVERKFL>

High-performance SEGISFET pH Sensor using the structure of double-gate α -IGZO TFTs with engineered gate oxides:
<http://comms.iop.org/c/18uOD4s2gx8Gqgp5Wa9vrCTLU>

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