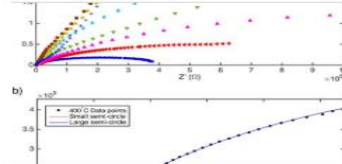


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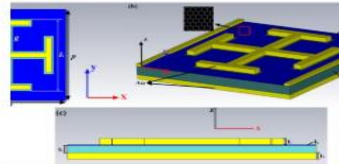
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Nanodiamonds for device applications: An investigation of the properties of boron-doped detonation nanodiamonds

Abdulkarim Afandi, Ashley Hawkins [...] & Richard B. Jackman

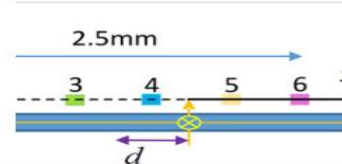
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Design of broadband graphene-metamaterial absorbers for permittivity sensing at mid-infrared regions

Hailong Huang, Hui Xia [...] & Ding Xie

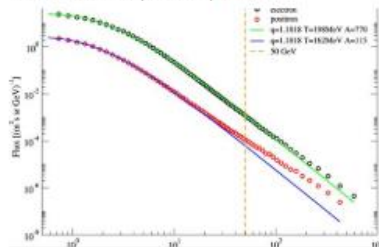
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The onset of dissipation in high-temperature superconductors: magnetic hysteresis and field dependence

E. F. Talantsev, N. M. Strickland [...] & J. L. Tallon

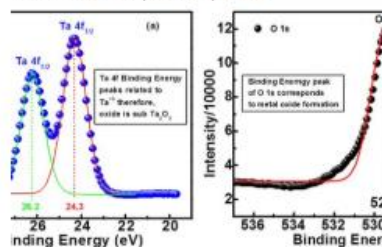
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Generalized statistical mechanics of cosmic rays: Application to positron-electron spectral indices

G. Cigdem Yalcin & Christian Beck

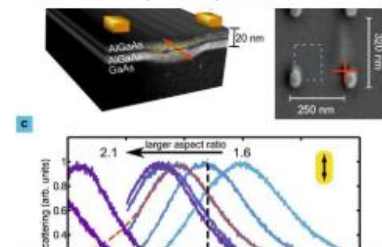
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Compliance-Free, Digital SET and Analog RESET Synaptic Characteristics of Sub-Tantalum Oxide Based Neuromorphic Device

Yawar Abbas, Yu-Rim Jeon [...] & Changhwan Choi

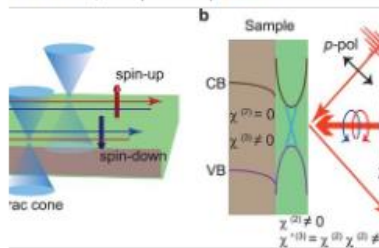
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Coupling a single solid-state quantum emitter to an array of resonant plasmonic antennas

Markus Pfeiffer, Paola Atkinson [...] & Klas Lindfors

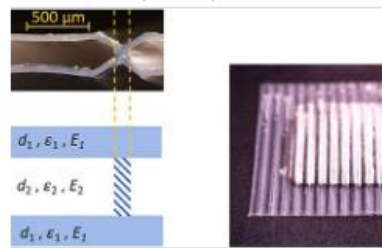
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A cascading nonlinear magneto-optical effect in topological insulators

Richarj Monda, Yuta Saito [...] & Muneaki Hase

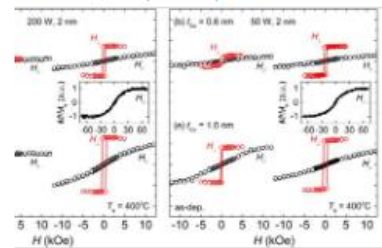
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Analytical prediction of the piezoelectric d_{33} response of fluoropolymer arrays with tubular air channels

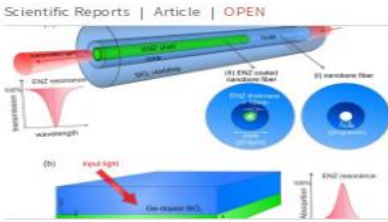
Sergey Zhukov, Dagmar Eder-Goy [...] & Heinz von Seggern

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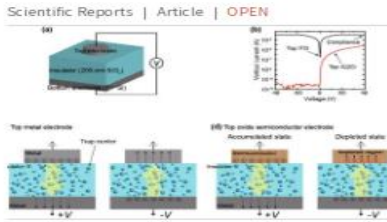
A very large perpendicular magnetic anisotropy in Pt/Co/MgO trilayers fabricated by controlling the MgO sputtering power and its thickness

Hyung Keun Gweon, Seok Jin Yun & Sang Ho Lim



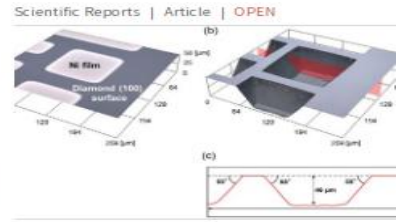
Excitation of epsilon-near-zero resonance in ultra-thin indium tin oxide shell embedded nanostructured optical fiber

Khant Minn, Aleksei Anopchenko [...] & Ho Wai Howard Lee



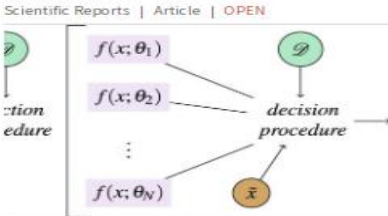
Vertical Transport Control of Electrical Charge Carriers in Insulator/Oxide Semiconductor Hetero-structure

Jinwon Lee, Kapsoo Yoon [...] & Youn Sang Kim



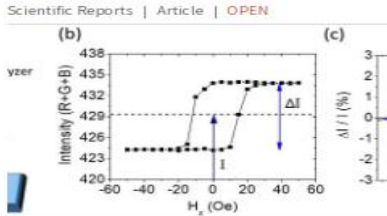
Anisotropic diamond etching through thermochemical reaction between Ni and diamond in high-temperature water vapour

Masatsugu Nagai, Kazuhiro Nakanishi [...] & Norio Tokuda



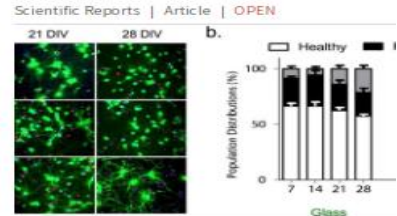
Quantum ensembles of quantum classifiers

Maria Schuld & Francesco Petruccione



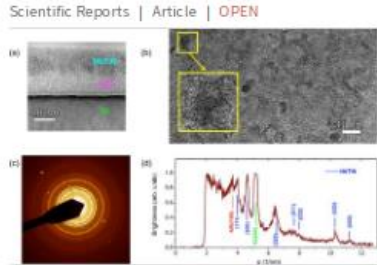
Spin-orbit torque magnetometry by wide-field magneto-optical Kerr effect

Tsung-Yu Tsai, Tian-Yue Chen [...] & Chi-Feng Pai



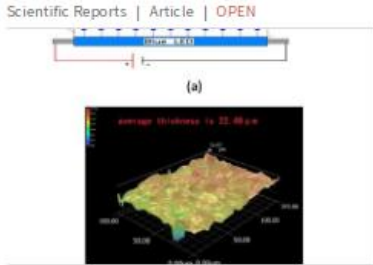
Use of SU8 as a stable and biocompatible adhesion layer for gold bioelectrodes

Bruno F. E. Matarèse, Paul L. C. Feyen [...] & John



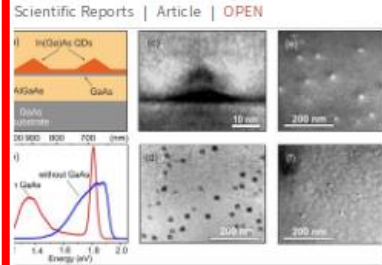
Charge Berezinskii-Kosterlitz-Thouless transition in superconducting NbTiN films

Alexey Yu. Mironov, Daniel M. Silevitch [...] & Tatyana I. Baturina



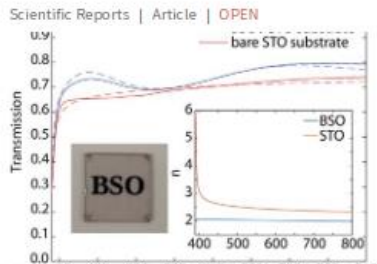
Physical Limitations of Phosphor layer thickness and concentration for White LEDs

Cher Ming Tan, Preetpal Singh [...] & Hao-Chung Kuo



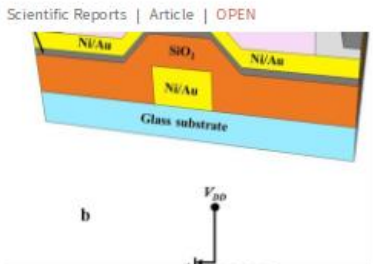
InAs/AlGaAs quantum dots for single-photon emission in a red spectral range

M. V. Rakhlin, K. G. Belyaev [...] & A. A. Toropov



THz characterization and demonstration of visible-transparent/terahertz-functional electromagnetic structures in ultra-conductive La-doped BaSnO3 Films

Ching-Ting Lee, Chia-Chi Chen & Hsin-Ying Lee



Three dimensional-stacked complementary thin-film transistors using n-type Al:ZnO and p-type NiO thin-film transistors

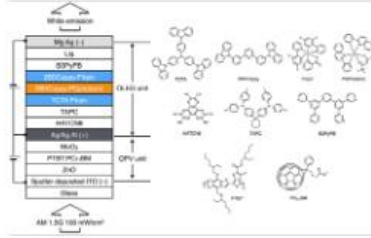
Ching-Ting Lee, Chia-Chi Chen & Hsin-Ying Lee



Geometric metasurface enabling polarization independent beam splitting

Gwanho Yoon, Dasol Lee [...] & Junsuk Rho

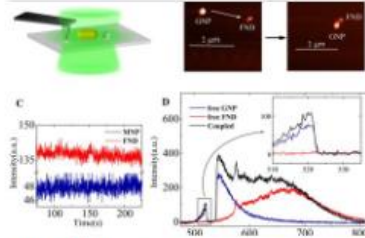
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Dual mode OPV-OLED device with photovoltaic and light-emitting functionalities

Takayuki Chiba, Daichi Kumagai [...] & Junji Kido

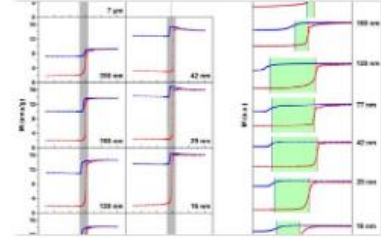
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Light Emission from Plasmonic Nanostructures Enhanced with Fluorescent Nanodiamonds

Jingyi Zhao, Yuqing Cheng [...] & Guowei Lu

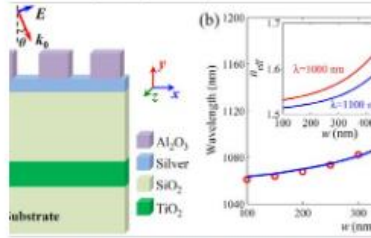
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Giant thermal hysteresis in Verwey transition of single domain Fe₃O₄ nanoparticles

Taehun Kim, Sumin Lim [...] & Je-Geun Park

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Flexibly tunable high-quality-factor induced transparency in plasmonic systems