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SPECIAL TOPIC — Two-dimensional magnetic materials and devices

097102 Magnetic and electronic properties of two-dimensional metal-organic frameworks ${\rm TM_3(C_2NH)_{12}}$

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- 097505 Vertical WS_2 spin valve with Ohmic property based on Fe_3GeTe_2 electrodes Ce Hu, Faguang Yan, Yucai Li and Kaiyou Wang
- O97506 Spin orbit torques in Pt-based heterostructures with van der Waals interface Qian Chen, Weiming Lv, Shangkun Li, Wenxing Lv, Jialin Cai, Yonghui Zhu, Jiachen Wang, Rongxin Li, Baoshun Zhang and Zhongming Zeng
- 097507 Strain drived band alignment transition of the ferromagnetic ${\rm VS_2/C_3N}$ van der Waals heterostructure

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097403 Revealing the A_{1g} -type strain effect on superconductivity and nematicity in FeSe thin flake

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097503 Optimized growth of compensated ferrimagnetic insulator $Gd_3Fe_5O_{12}$ with a perpendicular magnetic anisotropy

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097504 Gate-controlled magnetic transitions in Fe_3GeTe_2 with lithium ion conducting glass substrate

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090506 Ferromagnetic Heisenberg spin chain in a resonator

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094207 Mid-infrared supercontinuum and optical frequency comb generations in a multimode tellurite photonic crystal fiber

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094302 Thermoacoustic assessment of hematocrit changes in human forearms

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094701 Effects of Prandtl number in two-dimensional turbulent convection
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O95204 Discharge characteristic of very high frequency capacitively coupled argon plasma Gui-Qin Yin, Jing-Jing Wang, Shan-Shan Gao, Yong-Bo Jiang and Qiang-Hua Yuan

095205 Numerical investigation of radio-frequency negative hydrogen ion sources by a three-dimensional fluid model

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095206 Numerical simulation of anode heat transfer of nitrogen arc utilizing two-temperature chemical non-equilibrium model

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- 096102 Structural, magnetic, and dielectric properties of Ni–Zn ferrite and Bi₂O₃ nanocomposites prepared by the sol-gel method

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- 096103 Highly tunable plasmon-induced transparency with Dirac semimetal metamaterials
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- O96104 Sphere-shaped SiGe micro/nanostructures with tunable Ge composition and size formed by laser irradiation
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- 096105 Strain-tuned magnetic properties in (Ga,Fe)Sb: First-principles study Feng-Chun Pan, Xue-Ling Lin and Xu-Ming Wang
- 096107 Nanoscale structural investigation of $Zn_{1-x}Mg_xO$ alloy films on polar and nonpolar ZnO substrates with different Mg contents

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- 096201 Molecular dynamics study of coupled layer thickness and strain rate effect on tensile behaviors of Ti/Ni multilayered nanowires

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- 096202 An improved model of damage depth of shock-melted metal in microspall under triangular wave loading
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- 096801 Probing thermal properties of vanadium dioxide thin films by time-domain thermore-flectance without metal film

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- 096802 C_9N_4 as excellent dual electrocatalyst: A first principles study Wei Xu, WenWu Xu and Xiangmei Duan
- Ohmic and Schottky contacts of hydrogenated and oxygenated boron-doped single-crystal diamond with hill-like polycrystalline grains
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- 096804 Phase transition-induced superstructures of β -Sn films with atomic-scale thickness Le Lei, Feiyue Cao, Shuya Xing, Haoyu Dong, Jianfeng Guo, Shangzhi Gu, Yanyan Geng, Shuo Mi, Hanxiang Wu, Fei Pang, Rui Xu, Wei Ji and Zhihai Cheng

- 096805 Adsorption and rotational barrier for a single azobenzene molecule on Au(111) surface

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- 096806 Atomic and electronic structures of p-type dopants in 4H-SiC

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097204 Thermoelectric enhancement in triple-doped strontium titanate with multi-scale microstructure

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097301 First-principles study of plasmons in doped graphene nanostructures
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097302 Protection of isolated and active regions in AlGaN/GaN HEMTs using selective laser annealing

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097303 High-resolution angle-resolved photoemission study of large magnetoresistance topological semimetal $CaAl_4$

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097402 Barrier or easy-flow channel: The role of grain boundary acting on vortex motion in type-II superconductors

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097501 Magnetic dynamics of two-dimensional itinerant ferromagnet Fe₃GeTe₂
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097502 Current-dependent positive magnetoresistance in ${\rm La_{0.8}Ba_{0.2}MnO_3}$ ultrathin films Guankai Lin, Haoru Wang, Xuhui Cai, Wei Tong and Hong Zhu

- 097702 Strain-modulated ultrafast magneto-optic dynamics of graphene nanoflakes decorated with transition-metal atoms
 - Yiming Zhang, Jing Liu, Chun Li, Wei Jin, Georgios Lefkidis and Wolfgang Hübner
- 097801 Analysis of properties of krypton ion-implanted Zn-polar ZnO thin films

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- 097802 Influence of sulfur doping on the molecular fluorophore and synergistic effect for citric acid carbon dots
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- 097803 Enhanced absorption process in the thin active region of GaAs based p-i-n structure

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- 097804 Origin of anomalous enhancement of the absorption coefficient in a PN junction
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- 097805 Exciton emission dynamics in single InAs/GaAs quantum dots due to the existence of plasmon-field-induced metastable states in the wetting layer

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- 097806 Topology optimization method of metamaterials design for efficient enhanced transmission through arbitrary-shaped sub-wavelength aperture

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- 098102 A multi-band and polarization-independent perfect absorber based on Dirac semimetals circles and semi-ellipses array
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- 099902 Erratum to "Designing thermal demultiplexer: Splitting phonons by negative mass and genetic algorithm optimization"
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