

Publicationlist of Dr. Christof Walter Schneider

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Research ID: <https://publons.com/researcher/3363245/christof-schneider/>

Peer reviewed articles

1. F. Giorgianni, M. Udina, T. Cea, E. Paris, M. Caputo, M. Radovic, L. Boie, J. Sakai, C. W. Schneider, and S. L. Johnson
Terahertz Sum-frequency Excitation of Coherent Phonons in V_2O_3 Mediated by Intra-band Electronic Transitions
sub. Phys. Rev. Letters (2021).
2. G. Bismashofer, S. Smetaczek, E. Gilardi, C. W. Schneider, A. Limbeck, T. Lippert, and J. Stahn
Growth of $Li_xLa_ySr_zMnO_3$ thin films by pulsed laser deposition: complex relation between thin film composition and deposition parameters
Applied Physics A **127**, 473 (2021).
3. Y. W. Windsor, M. Ramakrishnan, L. Rettig, A. Alberca, T. Lippert, C. W. Schneider, and U. Staub
Multiple magnetic ordering phenomena in multiferroic o - $HoMnO_3$
Phys. Rev. B **8** (43), 214423 (2020).
4. E. Burns, U. Aschauer, M. Döbeli, C. W. Schneider, D. Pergolesi, and T. Lippert
 $LaTiO_2N$ crystallographic orientation control significantly increases visible-light induced charge extraction
J. Mat. Chem. A **8** (43), 22867-22873 (2020).
5. E. Paris, Y. Tseng, E. M. Parschke, W. Zhang, M. H. Upton, A. Efimenko, K. Rolfs, D. E. McNally, L. Maurel, M. Naamneh, M. Caputo, V. N. Strocov, Z. Wang, D. Casa, C. W. Schneider, E. Pomjakushina, K. Wohlfeld, M. Radovic, and T. Schmitt
Strain engineering of the charge and spin-orbital interactions in Sr_2IrO_4
PNAS, 2012043117 (2020).
6. J. A. Krieger, A. Pertsova, S. R. Giblin, M. Döbeli, T. Prokscha, C. W. Schneider, A. Suter, T. Hesjedal, A. Balatzky, and Z. Salman
Proximity-induced odd-frequency superconductivity in a topological insulator
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7. E. Gradauskaite, M. Campanini, B. Biswas, C. W. Schneider, M. Fiebig, M. D. Rossell, and M. Trassin
Robust In-Plane Ferroelectricity in Ultrathin Epitaxial Aurivillius Films
Adv. Materials Interfaces **7**, 2000202 (2020).
8. C. W. Schneider, M. Döbeli, Chr. Richter, and T. Lippert
Oxygen diffusion in oxide thin films grown on $SrTiO_3$
Phys. Rev. Materials **3**, 123401 (2019).
9. S. Mukherjee, K. Shimamoto, C. W. Schneider, and C. Niedermayer
Unique coexistence of incommensurate and commensurate magnetic order in $TbMnO_3$ strained films
Phys. Rev. Materials **3**, 104412 (2019).

10. Y. Xiang, C.W. Schneider, T. Lippert, and A. Wokaun
Manipulation of ion energies in pulsed laser deposition to improve film growth
Applied Physics A **125**, 344 (2019).
11. D.E. McNally, X.E. Lu, J. Pelliciari, S. Beck, M. Dantz, M. Naamneh, T. Shang, M. Medarde, C.W. Schneider, V.N. Strocov, E.V. Pomjakushina, C. Ederer, M. Radovic, and T. Schmitt
Electronic localization in CaVO_3 films via bandwidth control
npj Quantum Materials **4**, 6 (2019).
12. S. Mukherjee, K. Shimamoto, Y.W. Windsor, M. Ramakrishnan, S. Parchenko, U. Staub, L. Chapon, B. Ouladdiaf, M. Medarde, S. Tian, E.A. Müller, M. Kenzelmann, T. Lippert, C.W. Schneider, and C. Niedermayer
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21. A. Ojeda-G-P, C. W. Schneider, M. Döbeli, T. Lippert, and A. Wokaun
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Cation ratio and ferroelectric properties of TbMnO₃ epitaxial films grown by pulsed laser deposition
Journal of Applied Physics **119** (DOI: 10.1063/1.4960764), 184102 (2016).
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Multiferroic properties of uniaxially compressed orthorhombic HoMnO₃ thin films
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