

Silvia Haindl

List of Publications by Year in descending order

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23
papers

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933447

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24
all docs

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24
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-Based Superconducting Thin Films. Springer Series in Materials Science, 2021, , .	0.6	4
2	Thin Film Studies Under Focus. Springer Series in Materials Science, 2021, , 253-379.	0.6	0
3	The Film/Substrate Interface. Springer Series in Materials Science, 2021, , 189-233.	0.6	0
4	Growth, Microstructure and Surfaces. Springer Series in Materials Science, 2021, , 149-188.	0.6	0
5	Thin Film Growth of Fe-Based Superconductors. Springer Series in Materials Science, 2021, , 27-148.	0.6	0
6	Challenges for Pulsed Laser Deposition of FeSe Thin Films. Micromachines, 2021, 12, 1224.	2.9	2
7	Engineering of Fe-pnictide heterointerfaces by electrostatic principles. NPG Asia Materials, 2021, 13, .	7.9	2
8	Chemical Composition Control at the Substrate Interface as the Key for FeSe Thin-Film Growth. ACS Applied Materials & Interfaces, 2021, 13, 53162-53170.	8.0	3
9	Pulsed laser deposition of Fe-oxypnictides: Co- and F-substitution. Superconductor Science and Technology, 2020, 33, 105004.	3.5	5
10	Low anisotropic upper critical fields in $\text{SmO}_{1-x}\text{F}_x$ FeAs thin films with a layered hybrid structure. Superconductor Science and Technology, 2019, 32, 044003.	3.5	11
11	Superconductivity at 48 K of heavily hydrogen-doped SmFeAsO epitaxial films grown by topotactic chemical reaction using Ca_2H . Physical Review Materials, 2019, 3, .	2.4	19
12	Pulsed laser deposition of SmFeAsO_{1-x} on MgO(100) substrates. Applied Surface Science, 2018, 437, 418-428.	6.1	10
13	Iron pnictide thin films: Synthesis and physics. Physica Status Solidi (B): Basic Research, 2017, 254, 1600341.	1.5	10
14	Recent progress in pulsed laser deposition of iron based superconductors. Journal Physics D: Applied Physics, 2016, 49, 345301.	2.8	18
15	In-situ growth of superconducting $\text{SmO}_{1-x}\text{F}_x$ FeAs thin films by pulsed laser deposition. Scientific Reports, 2016, 6, 35797.	3.3	26
16	Interface control by homoepitaxial growth in pulsed laser deposited iron chalcogenide thin films. Scientific Reports, 2015, 5, 16334.	3.3	23
17	Bicrystalline Grain Boundary and Hybrid SNS Junctions Based on Ba-122 Thin Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 7300104-7300104.	1.7	18
18	LESSONS FROM OXYPNICTIDE THIN FILMS. International Journal of Modern Physics B, 2013, 27, 1330001.	2.0	15

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19	Josephson and Tunneling Junctions with Thin Films of Iron based Superconductors. Physics Procedia, 2012, 36, 82-87.	1.2	5
20	Penetration and de-pinning of vortices in sub-micrometer Ba(Fe,Co)2As2 thin film bridges. Physica C: Superconductivity and Its Applications, 2012, 479, 164-166.	1.2	2
21	J_c Scaling and Anisotropies in Co-Doped Ba-122 Thin Films. IEEE Transactions on Applied Superconductivity, 2011, 21, 2887-2890.	1.7	22
22	Epitaxial Growth of Superconducting Ba(Fe _{1-x} Co _x) ₂ As ₂ Thin Films on Technical Ion Beam Assisted Deposition MgO Substrates. Applied Physics Express, 2011, 4, 013103.	2.4	79
23	Thickness dependence of structural and transport properties of Co-doped BaFe ₂ As ₂ on Fe buffered MgO substrates. Superconductor Science and Technology, 2011, 24, 125009.	3.5	21