

Giorgio Levy

List of Publications by Year in descending order

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41
papers

1,772
citations

331670

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302126

39
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docs citations

41
times ranked

3114
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical properties and electronic structure of single-crystal $\text{KCo}_2\text{C}_2\text{O}_7$. Physical Review Materials, 2022, 6, .		
2	Three-dimensional electronic structure of LiFeAs. Physical Review B, 2022, 105, .	3.2	4
3	Optical manipulation of Rashba-split 2-dimensional electron gas. Nature Communications, 2022, 13, .	12.8	10
4	Ubiquitous defect-induced density wave instability in monolayer graphene. Science Advances, 2022, 8, .	10.3	17
5	Evolution of nonthermal electrons in pump-probe electron relaxation dynamics. , 2021, , .		0
6	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. Physical Review B, 2021, 103, .	3.2	3
7	Establishing nonthermal regimes in pump-probe electron relaxation dynamics. Physical Review B, 2020, 102, .	3.2	14
8	Role of matrix elements in the time-resolved photoemission signal. New Journal of Physics, 2020, 22, 023031.	2.9	8
9	Emergence of pseudogap from short-range spin-correlations in electron-doped cuprates. Npj Quantum Materials, 2020, 5, .	5.2	12
10	Determination of mode-projected electron-phonon coupling from time-domain observations of microscopic scattering processes. , 2020, , .		0
11	Direct determination of mode-projected electron-phonon coupling in the time domain. Science, 2019, 366, 1231-1236.	12.6	73
12	Room temperature strain-induced Landau levels in graphene on a wafer-scale platform. Science Advances, 2019, 5, eaaw5593.	10.3	65
13	Correct Brillouin zone and electronic structure of BiPd. Physical Review B, 2018, 97, .	3.2	8
14	Collapse of superconductivity in cuprates via ultrafast quenching of phase coherence. Nature Materials, 2018, 17, 416-420.	27.5	46
15	Influence of Spin-Orbit Coupling in Iron-Based Superconductors. Physical Review Letters, 2018, 121, 076401.	7.8	30
16	Observation of Dirac surface states in the noncentrosymmetric superconductor BiPd. Physical Review B, 2016, 94, .	3.2	22
17	Long- versus Short-Range Scattering in Doped Epitaxial Graphene. Nano Letters, 2015, 15, 2825-2829.	9.1	19
18	Evidence for superconductivity in Li-decorated monolayer graphene. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11795-11799.	7.1	269

#	ARTICLE	IF	CITATIONS
19	Deconstruction of resolution effects in angle-resolved photoemission. Physical Review B, 2014, 90, .	3.2	10
20	Effect of Pt substitution on the electronic structure of AuTe_2 . Physical Review B, 2014, 90, .	3.2	8
21	Sign inversion in the superconducting order parameter of LiFeAs inferred from Bogoliubov quasiparticle interference. Physical Review B, 2014, 89, .	3.2	40
22	Observation of Distinct Bulk and Surface Chemical Environments in a Topological Insulator under Magnetic Doping. Journal of Physical Chemistry C, 2014, 118, 12333-12339.	3.1	33
23	Bond order and the role of ligand states in stripe-modulated IrTe_2 . Physical Review B, 2014, 90, .	3.2	21
24	Polarity-Driven Surface Metallicity in SmB_6 . Physical Review Letters, 2013, 111, 216402.	7.8	112
25	Layer-By-Layer Entangled Spin-Orbital Texture of the Topological Surface State in Bi_2Se_3 . Physical Review Letters, 2013, 110, 216401.	7.8	107
26	Surface-enhanced charge-density-wave instability in underdoped $\text{Bi}_2\text{Sr}_{2-x}\text{La}_x\text{CuO}_6$. Nature Communications, 2013, 4, 1977.	12.8	21
27	Observation of charge accumulation and onsite Coulomb repulsion at transition metal impurities in the iron pnictides. Physical Review B, 2013, 87, .	3.2	7
28	Determining the Surface-To-Bulk Progression in the Normal-State Electronic Structure of Ru_2O_7 by Angle-Resolved Photoemission and Density Functional Theory. Physical Review Letters, 2013, 110, 097004.	7.8	11
29	Probing the Role of Co Substitution in the Electronic Structure of Iron Pnictides. Physical Review Letters, 2012, 109, 077001.	7.8	51
30	IrO_2 : a Novel Relativistic Mott Insulator with a 340-meV Gap. Physical Review Letters, 2012, 109, 266406.	7.8	102
31	Rashba Spin-Splitting Control at the Surface of the Topological Insulator Bi_2Se_3 . Physical Review Letters, 2011, 107, 186405.	7.8	169
32	Structural Origin of Apparent Fermi Surface Pockets in Angle-Resolved Photoemission of $\text{Bi}_2\text{Sr}_2\text{Cu}_3\text{O}_{10}$. Physical Review Letters, 2011, 106, 127005.	7.8	40
33	Loss of nodal quasiparticle integrity in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. Nature Physics, 2010, 6, 905-911.	16.7	103
34	Separation between Low-Energy Hole Dynamics and Spin Dynamics in a Frustrated Magnet. Physical Review Letters, 2010, 104, 226404.	7.8	6
35	Preeminent Role of the Van Hove Singularity in the Strong-Coupling Analysis of Scanning Tunneling Spectroscopy for Two-Dimensional Cuprate Superconductors. Physical Review Letters, 2008, 101, 267004.	7.8	41
36	Scanning tunneling spectroscopy on $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ single crystals. Journal of Physics and Chemistry of Solids, 2006, 67, 353-356.	4.0	28

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37	Fourfold Structure of Vortex-Core States in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 2005, 95, 257005.	7.8	58
38	Scanning tunneling spectroscopy on single crystal MgB_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2003, 385, 169-176.	1.2	42
39	Vortex lattice imaging in single crystal MgB_2 by scanning tunneling spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 388-389, 143-144.	1.2	2
40	Vortex imaging in magnesium diboride with $\text{H}^{\delta}\text{S}^{\gamma}\text{c}$. <i>Physical Review B</i> , 2003, 68, .	3.2	36
41	Oxygen overdoping in superconducting and non-superconducting $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_y$. <i>Physica B: Condensed Matter</i> , 2002, 320, 333-336.	2.7	9