

Yasmine Sassa

List of Publications by Year in descending order

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66
papers

1,091
citations

430442

18
h-index

454577

30
g-index

67
all docs

67
docs citations

67
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic correlation and magnetism in the ferromagnetic metal $\text{Fe}_3\text{V}_2\text{Si}_2$. Physical Review B, 2016, 93, .		
2	Hallmarks of Hund's coupling in the Mott insulator Ca_2RuO_4 . Nature Communications, 2017, 8, 15176.	5.8	66
3	Three-Dimensional Fermi Surface of Overdoped La-Based Cuprates. Physical Review Letters, 2018, 121, 077004.	2.9	61
4	Electronic structure near the 1/8-anomaly in La-based cuprates. New Journal of Physics, 2008, 10, 103016.	1.2	56
5	Electron scattering, charge order, and pseudogap physics in $\text{La}_{1.6-x}\text{Nd}_{0.4}\text{Sr}_x\text{CuO}_4$: An angle-resolved photoemission spectroscopy study. Physical Review B, 2015, 92, .	1.1	56
6	Anisotropic quasiparticle scattering rates in slightly underdoped to optimally doped high-temperature $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ superconductors. Physical Review B, 2008, 78, .	1.1	47
7	Honeycomb layered oxides: structure, energy storage, transport, topology and relevant insights. Chemical Society Reviews, 2021, 50, 3990-4030.	18.7	43
8	Direct observation of orbital hybridisation in a cuprate superconductor. Nature Communications, 2018, 9, 972.	5.8	37
9	Low Dose Photoelectron Spectroscopy at BESSY II: Electronic structure of matter in its native state. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 68-78.	0.8	33
10	Origin of the quasi-quantized Hall effect in ZrTe_5 . Nature Communications, 2021, 12, 3197.	5.8	31
11	Ortho-II band folding in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2019, 100, 080501.	1.1	28
12	Linear Trimer Formation with Antiferromagnetic Ordering in $\text{KTl}_2\text{Cr}_2\text{Se}_6$: Originating from Peierls-like Instabilities and Interlayer $\text{Se}^{\delta-}\text{Se}$ Interactions. Inorganic Chemistry, 2019, 58, 14304-14315.	1.9	25
13	The Fermi surface and band folding in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$, probed by angle-resolved photoemission. New Journal of Physics, 2010, 12, 125003.	1.2	23
14	Spectroscopic evidence for preformed Cooper pairs in the pseudogap phase of cuprates. Europhysics Letters, 2009, 88, 27008.	0.7	22
15	Two-dimensional type-II Dirac fermions in layered oxides. Nature Communications, 2018, 9, 3252.	5.8	21
16	Revisiting Goodenough-Kanamori rules in a new series of double perovskites $\text{LaSr}_{1-x}\text{Ca}_x\text{NiReO}_6$. Scientific Reports, 2019, 9, 18296.	1.6	21
17	Magnetism and ion diffusion in honeycomb layered oxide $\text{K}_2\text{Ni}_2\text{TeO}_6$. Scientific Reports, 2020, 10, 18305.	1.6	21
18	Conclusively Addressing the CoPc Electronic Structure: A Joint Gas-Phase and Solid-State Photoemission and Absorption Spectroscopy Study. Journal of Physical Chemistry C, 2017, 121, 26372-26378.	1.5	19

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19	Quantifying Diffusion through Interfaces of Lithium-Ion Battery Active Materials. ACS Applied Materials & Interfaces, 2020, 12, 16243-16249.	4.0	19
20	Kagome-like silicene: A novel exotic form of two-dimensional epitaxial silicon. Applied Surface Science, 2020, 530, 147195.	3.1	18
21	High-voltage honeycomb layered oxide positive electrodes for rechargeable sodium batteries. Chemical Communications, 2020, 56, 9272-9275.	2.2	18
22	Charge order lock-in by electron-phonon coupling in $\text{La}_{1.675}\text{Eu}_{0.2}\text{Sr}_{0.125}\text{CuO}_4$. Science Advances, 2021, 7, .	4.7	18
23	Orbitally selective breakdown of Fermi liquid quasiparticles in $\text{Ca}_{1.8}\text{Mn}_{1.8}\text{O}_{10}$. Physical Review B, 2019, 99, .	2.9	16
24	High-Temperature Charge-Stripe Correlations in $\text{La}_{1.675}\text{Mn}_{1.675}\text{O}_{10}$. Physical Review Letters, 2020, 124, 187002.	2.9	16
25	Anomalies in the Fermi Surface and Band Dispersion of Quasi-One-Dimensional CuO Chains in the High-Temperature Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$. Physical Review Letters, 2010, 105, 267003.	2.9	15
26	Band structure of overdoped cuprate superconductors: Density functional theory matching experiments. Physical Review B, 2019, 99, .	1.1	15
27	Magnetic phase diagram of $\text{K}_2\text{Cr}_8\text{O}_{16}$ clarified by high-pressure muon spin spectroscopy. Scientific Reports, 2019, 9, 1141.	1.6	15
28	Lithium diffusion in $\text{LiMn}_4\text{P}_4\text{O}_{20}$. Physical Review B, 2019, 99, .	1.3	15
29	Anomalous asymmetry in the Fermi surface of the high-temperature superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$ revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2009, 80, .	1.1	14
30	Lithium Diffusion & Magnetism in Battery Cathode Material $\text{Li}_x\text{Ni}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$. Journal of Physics: Conference Series, 2014, 551, 012037.	0.3	13
31	The CoESCA station at BESSY: Auger electron photoelectron coincidences from surfaces demonstrated for Ag MNN. Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147075.	0.8	12
32	Uniaxial pressure induced stripe order rotation in $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$. Nature Communications, 2022, 13, 1795.	5.8	12
33	Insensitivity of the Superconducting Gap to Variations in the Critical Temperature of Zn-Substituted $\text{Bi}_{2-x}\text{Sb}_x\text{O}_{8+\delta}$. Physical Review Letters, 2011, 106, 047002.	1.1	11
34	Nodal Landau Fermi-liquid quasiparticles in overdoped $\text{La}_{1.77}\text{Sr}_{0.23}\text{CuO}_4$. Physical Review B, 2014, 89, .	1.1	11
35	Electronic reconstruction forming a C2-symmetric Dirac semimetal in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Npj Quantum Materials, 2021, 6, .	1.8	11
36	Origins of large critical temperature variations in single-layer cuprates. Physical Review B, 2008, 78, .	1.1	10

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37	Probing two- and three-dimensional electrons in MgB_2 by soft x-ray angle-resolved photoemission. <i>Physical Review B</i> , 2015, 91, .	1.1	8
38	Magnetic order in the 2D Heavy-Fermion system CePt_2In_7 studied by μSR . <i>Journal of Physics: Conference Series</i> , 2014, 551, 012028.	0.3	8
39	Magnetic phase boundary of BaVS_3 clarified with high-pressure crystal electric field splitting and hybridization in heavy-fermion CePt_2In_7 . <i>Physical Review B</i> , 2019, 100, .	1.1	8
40	Crystal electric field splitting and hybridization in heavy-fermion CePt_2In_7 . <i>Physical Review B</i> , 2019, 100, .	1.1	7
41	Pressure dependence of ferromagnetic phase boundary in BaVSe_3 studied with high-pressure μSR . <i>Physical Review B</i> , 2021, 103, .	1.1	7
42	Na-ion mobility in P2-type $\text{Na}_{0.5}\text{Mg}_x\text{Ni}_{0.17}\text{Mn}_{0.83}\text{O}_2$ (0 $\leq x \leq$ 0.07) from electrochemical and muon spin relaxation studies. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24478-24486.	1.3	7
43	Cation Distributions and Magnetic Properties of Ferrispinel MgFeMnO_4 . <i>Inorganic Chemistry</i> , 2020, 59, 17970-17980.	1.9	6
44	Angle-resolved photoemission spectroscopy view on the nature of Ce_4f electrons in the antiferromagnetic Kondo lattice CePd . <i>Physical Review B</i> , 2021, 103, .	1.1	5
45	Electronic structure of $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$ probed by high- and low-energy angle-resolved photoelectron spectroscopy. <i>Physical Review B</i> , 2009, 80, .	1.1	4
46	Intertwined magnetic sublattices in the double perovskite compound LaSrNiReO_6 . <i>Physical Review B</i> , 2020, 102, .	1.1	4
47	Non-destructive characterisation of dopant spatial distribution in cuprate superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2020, 575, 1353691.	0.6	4
48	Structural Transition with a Sharp Change in the Electrical Resistivity and Spin-Orbit Mott Insulating State in a Rhenium Oxide, $\text{Sr}_3\text{Re}_2\text{O}_9$. <i>Inorganic Chemistry</i> , 2021, 60, 507-514.	1.9	4
49	Investigation of the surface species during temperature dependent dehydrogenation of naphthalene on $\text{Ni}(111)$. <i>Journal of Chemical Physics</i> , 2019, 150, 244704.	1.2	3
50	Photoelectron dispersion in metallic and insulating VO_2 thin films. <i>Physical Review Research</i> , 2021, 3, .	1.1	3
51	Acetic acid conversion to ketene on $\text{Cu}_2\text{O}(100)$: Reaction mechanism deduced from experimental observations and theoretical computations. <i>Journal of Catalysis</i> , 2021, 402, 154-165.	3.1	3
52	Resonant inelastic x-ray scattering study of Ca_3O_7 . <i>Physical Review B</i> , 2020, 102, .	1.1	3
53	Oxide Fermi liquid universality revealed by electron spectroscopy. <i>Physical Review B</i> , 2020, 102, .	1.1	3
54	Rotation symmetry breaking in La_2CuO_7 revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2017, 95, .	1.1	3

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55	Investigation of the Magnetic Properties of Na _{0.7} CoO ₂ Prepared by Electrochemical Reaction. , 2018, , .		2
56	$\frac{1}{4}$ +SR Investigation of the Shastryâ€Sutherland Compound SrCu ₂ (BO ₃) ₂ . , 2018, , .		2
57	Deviation of Internal Magnetic Field in the CrSe ₂ Triangular Lattice with Li Intercalation. , 2018, , .		2
58	Neutron powder diffraction study of NaMnO_4 and $\text{Li}_{0.92}\text{MnO}_4$. Physical Review Research, 2020, 2, .	1.3	2
59	LE- μ SR Study of Superconductivity in the Thin Film Battery Material LiTi ₂ O ₄ . , 2018, , .		1
60	The metallic quasi-1D spin-density-wave compound NaV ₂ O ₄ studied by angle-resolved photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 79-83.	0.8	1
61	Magnetic Spin Correlations in the One-dimensional Frustrated Spin-chain System Ca ₃ Co ₂ O ₆ . , 2018, , .		1
62	$\frac{1}{4}$ +SR Study of K ₂ Cr ₈ O ₁₆ Under Hydrostatic Pressure. , 2018, , .		1
63	Resonant inelastic soft x-ray scattering on LaPt ₂ Si ₂ . Journal of Physics Condensed Matter, 0, , .	0.7	1
64	Internal Magnetic Field on the Two-Dimensional Triangular Lattice Formed by Mo ₃ O ₈ Trimers. , 2018, , .		0
65	A-site Ordered Chromium Perovskites, ACu ₃ Cr ₄ O ₁₂ with A = Trivalent Ions. , 2018, , .		0
66	Li-Diffusion in Spinel Li[Ni _{1/2} Mn _{3/2}]O ₄ Powder and Film Studied with $\frac{1}{4}$ +SR. , 2018, , .		0