

Hebatalla Elnaggar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

268
citations

1040056

9
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Au Atom Doping of Silver Nanoclusters. ACS Nano, 2018, 12, 12751-12760.	14.6	74
2	2p x-ray absorption spectroscopy of 3d transition metal systems. Journal of Electron Spectroscopy and Related Phenomena, 2021, 249, 147061.	1.7	44
3	Direct observation of the electronic states of photoexcited hematite with ultrafast 2p3d X-ray absorption spectroscopy and resonant inelastic X-ray scattering. Physical Chemistry Chemical Physics, 2020, 22, 2685-2692.	2.8	26
4	Experimental search for the violation of Pauli exclusion principle. European Physical Journal C, 2018, 78, 319.	3.9	20
5	Tunable Magnetic Phases at Fe ₃ O ₄ /SrTiO ₃ Oxide Interfaces. ACS Applied Materials & Interfaces, 2019, 11, 7576-7583.	8.0	17
6	Magnetic Contrast at Spin-Flip Excitations: An Advanced X-Ray Spectroscopy Tool to Study Magnetic-Ordering. ACS Applied Materials & Interfaces, 2019, 11, 36213-36220.	8.0	12
7	Low-energy orbital excitations in strained LaCoO ₃ films. Physical Review B, 2019, 100, .	3.2	10
8	Noncollinear Ordering of the Orbital Magnetic Moments in Magnetite. Physical Review Letters, 2019, 123, 207201.	7.8	10
9	Many-Body Physics of Single and Double Spin-Flip Excitations in NiO. Physical Review Letters, 2020, 124, 067202.	7.8	10
10	Role of the orbital moment in a series of isostructural weak ferromagnets. Physical Review B, 2018, 98, .	3.2	7
11	Temperature-Driven Self-Doping in Magnetite. Physical Review Letters, 2021, 127, 186402.	7.8	7
12	Possible absence of trimeron correlations above the Verwey temperature in Fe_3O_4 . Physical Review B, 2020, 101, .	3.2	6
13	Femtosecond Charge Density Modulations in Photoexcited CuWO ₄ . Journal of Physical Chemistry C, 2021, 125, 7329-7336.	3.1	6
14	Saturation and self-absorption effects in the angle-dependent 2 <i>p</i> _{3<i>d</i>} resonant inelastic X-ray scattering spectra of Co ³⁺ . Journal of Synchrotron Radiation, 2020, 27, 979-987.	2.4	5
15	Hole Dynamics in Photoexcited Hematite Studied with Femtosecond Oxygen K-edge X-ray Absorption Spectroscopy. Journal of Physical Chemistry Letters, 2022, 13, 4207-4214.	4.6	5
16	Probing the local distortion of Fe sites in Fe_3O_4 thin films using enhanced symmetry selection in XMLD. Physical Review Materials, 2020, 4, .	2.4	4
17	Tensor description of X-ray magnetic dichroism at the Fe <i>L</i> _{2,3} -edges of Fe ₃ O ₄ . Journal of Synchrotron Radiation, 2021, 28, 247-258.	2.4	3
18	Detector setup of the VIP2 underground experiment at LNGS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 233-234.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Anisotropy of $4f$ states in $3d$ single-molecule magnets. <i>Physical Review B</i> , 2022, 105, .	3.2	1