

Debdutta Lahiri

List of Publications by Year in descending order

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12
papers

148
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	First high-pressure XAFS results at the bending-magnet-based energy-dispersive XAFS beamline BL-8 at the Indus-2 synchrotron facility. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 988-998.	2.4	1
2	XAFS investigation of the correlation of Bi-sublattice disorder with ferromagnetism of multiferroic BiFeO ₃ nanoparticle. <i>Materials Research Express</i> , 2019, 6, 045005.	1.6	7
3	Correlation between Structure and Ferromagnetism in Nano-BiFeO ₃ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 8411-8416.	3.1	37
4	Investigating structural aspects to understand the putative/claimed non-toxicity of the Hg-based Ayurvedic drug <i>Rasasindura</i> using XAFS. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 1233-1241.	2.4	14
5	First phase commissioning of high pressure XAFS setup at ED-XAFS beamline, Indus-2 synchrotron radiation source, India. <i>Journal of Optics (India)</i> , 2015, 44, 182-194.	1.7	1
6	Investigation of short-range structural order in Zr _{69.5} Cu ₁₂ Ni ₁₁ Al _{7.5} and Zr _{41.5} Ti _{41.5} Ni ₁₇ glasses, using X-ray absorption spectroscopy and <i>ab initio</i> molecular dynamics simulations. <i>Journal of Synchrotron Radiation</i> , 2014, 21, 1296-1304.	2.4	9
7	XAFS investigation of the role of orientational disorder in the stabilization of the ferromagnetic metallic phase in nanoparticles of La _{0.5} Ca _{0.5} MnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 336001.	1.8	10
8	Evidence of active role played by the nonmagnetic element Sr in magnetostructural coupling in SrRuO_3 . <i>Physical Review B</i> , 2010, 82, .	3.2	12
9	Structural understanding of the spectral characteristics of SnO ₂ :Eu:Y ₂ O ₃ , using extended x-ray absorption fine structure. <i>Journal of Applied Physics</i> , 2010, 107, 054316.	2.5	12
10	Understanding the role of structural disorder on spin polarization in CeMnNi XAFS. <i>Physical Review B</i> , 2010, 82, .	3.2	6
11	XANES study on novel mixed valent A ₂ U ₄ O ₁₂ (A = K, Rb or Tl) uranates. <i>X-Ray Spectrometry</i> , 2008, 37, 215-218.	1.4	17
12	Probing photochemical transformations at TiO ₂ •Pt and TiO ₂ •Ir interfaces using x-ray absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2006, 124, 204720.	3.0	22