

Laura Maugeri

List of Publications by Year in descending order

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17
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Alzheimer's disease mouse brain through X-ray phase contrast tomography: From the cell to the organ. <i>NeuroImage</i> , 2019, 184, 490-495.	4.2	56
2	Brain Networks Underlying Eye's Pupil Dynamics. <i>Frontiers in Neuroscience</i> , 2019, 13, 965.	2.8	42
3	Temperature dependent local structure of LiCoO ₂ nanoparticles determined by Co K-edge X-ray absorption fine structure. <i>Journal of Power Sources</i> , 2013, 229, 272-276.	7.8	26
4	Local structural displacements across the structural phase transition in IrTe_2 . Order-disorder of dimers and role of Ir-Te correlations. <i>Physical Review B</i> , 2013, 88, .	3.1	16
5	Structure-activity relationships in carbohydrates revealed by their hydration. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1486-1493.	2.4	22
6	Effect of Ru substitution on atomic displacements in the layered $\text{SmFe}_2\text{RuAsO}_7$. <i>Physical Review B</i> , 2013, 88, .	3.2	19
7	Temperature dependent local atomic displacements in Ru substituted $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}_{0.85}\text{F}_{0.15}$ superconductors. <i>Superconductor Science and Technology</i> , 2013, 26, 065005.	3.5	19
8	Assessment of plaque morphology in Alzheimer's mouse cerebellum using three-dimensional X-ray phase-based virtual histology. <i>Scientific Reports</i> , 2020, 10, 11233.	3.3	19
9	Local structure of LiCoO ₂ nanoparticles studied by Co K-edge x-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 335305.	1.8	12
10	X-ray Phase Contrast Tomography Serves Preclinical Investigation of Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2020, 14, 584161.	2.8	12
11	Distinct local structure of nanoparticles and nanowires of V ₂ O ₅ probed by x-ray absorption spectroscopy. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	9
12	Assessment of the effects of different sample perfusion procedures on phase-contrast tomographic images of mouse spinal cord. <i>Journal of Instrumentation</i> , 2018, 13, C03027-C03027.	1.2	7
13	Multiscale Imaging Approach for Studying the Central Nervous System: Methodology and Perspective. <i>Frontiers in Neuroscience</i> , 2020, 14, 72.	2.8	7
14	Assessing denoising strategies to increase signal to noise ratio in spinal cord and in brain cortical and subcortical regions. <i>Journal of Instrumentation</i> , 2018, 13, C02028-C02028.	1.2	6
15	Investigation of the human pineal gland 3D organization by X-ray phase contrast tomography. <i>Journal of Structural Biology</i> , 2020, 212, 107659.	2.8	5
16	Study of local disorder in $\text{LiMn}(\text{Cr},\text{Ni})\text{O}_2$ compounds by extended X-ray absorption fine structure measurements. <i>Journal of Power Sources</i> , 2013, 242, 202-207.	7.8	1
17	Temperature dependent nanoscale atomic correlations in $\text{Ir}_{1-x}\text{Pt}_x\text{Te}_2$ ($x = 0.0, 0.03$ and 0.04) system. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 375702.	1.8	1