

# Gloria SubÃ- as

## List of Publications by Year in descending order

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136  
papers

3,204  
citations

172386

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138  
docs citations

138  
times ranked

3425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic order and magnetic properties of the oxygen deficient SmBaMn2O5 layered perovskite. Materials Research Bulletin, 2022, 150, 111780.	2.7	1
2	Identifying the presence of magnetite in an ensemble of iron-oxide nanoparticles: a comparative neutron diffraction study between bulk and nanoscale. Nanoscale Advances, 2021, 3, 3491-3496. <a href="#">Structure and phase transitions in <math>\text{A}_{1-x}\text{R}_x\text{Ba}_2\text{Mn}_2\text{O}_5</math></a>	2.2	4
3	<a href="#">Structure and phase transitions in <math>\text{A}_{1-x}\text{R}_x\text{Ba}_2\text{Mn}_2\text{O}_5</math></a>		

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#	ARTICLE	IF	CITATIONS
19	Magnetolectric and structural properties of $\text{YCoMn}_2$ . High-resolution Mn $K$ -edge x-ray emission and absorption spectroscopy study of the electronic and local structure of the three different phases in $\text{LaMn}_{1-x}\text{Sc}_x\text{O}_3$ . Physical Review B, 2016, 94, .		45
20	Dependence of the Jahn-Teller distortion in $\text{LaMn}_{1-x}\text{Sc}_x\text{O}_3$ on the isovalent Mn-site substitution. Journal of Physics: Conference Series, 2016, 712, 012119.	1.1	24
21	Local structure of Iridium organometallic catalysts covalently bonded to carbon nanotubes.. Journal of Physics: Conference Series, 2016, 712, 012052.	1.1	27
22	Effect of structural differences of carbon nanotubes and graphene based iridium-NHC materials on the hydrogen transfer catalytic activity. Carbon, 2016, 96, 66-74.	0.3	4
23	X-ray magnetic circular dichroism study of the magnetic anisotropy on $\text{TbMnO}_3$ . Stability of Jahn-Teller distortion ordering in $\text{LaMnO}_3$ . Journal of Physics: Conference Series, 2015, 592, 012121.	0.3	1
24	Hard and soft x-rays XAS characterization of charge ordered $\text{LuFe}_2\text{O}_4$ . Journal of Physics: Conference Series, 2015, 592, 012121.	5.4	25
25	Evidence of large magneto-dielectric effect coupled to a metamagnetic transition in $\text{Yb}_2\text{CoMnO}_6$ . Applied Physics Letters, 2015, 107, .	1.1	15
26	High-pressure transformation in the cobalt spinel ferrites. Journal of Solid State Chemistry, 2015, 221, 173-177.	0.3	1
27	Electronic states of $\text{R}_2\text{FeF}_2$ .	1.5	27
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#	ARTICLE	IF	CITATIONS
37	Intrinsic electrical properties of $\text{LuFe}_2\text{O}_7$ . Physical Review B, 2013, 88, 114407.	1.1	54
38	Ground state and the metal-insulator transition in $(\text{Pr}_{1-y}\text{Y}_y)_2\text{Ca}_x\text{CoO}_3$ (0.45 $\leq x \leq$ 0.55) cobaltites. Journal of the Korean Physical Society, 2013, 63, 791-794.	0.3	2
39	Origin of incommensurate satellite reflections on $\text{TbMnO}_3$ by resonant x-ray scattering. Journal of Physics: Conference Series, 2013, 430, 012101.	0.3	1
40	Transitions induced by a magnetic field in slightly doped $\text{TbMnO}_3$ . Solid State Sciences, 2013, 21, 37-43.	1.5	7
41	Investigation of pressure-induced magnetic transitions in $\text{CoFe}_2\text{O}_4$ . Physical Review B, 2013, 88, 114407.	1.1	27
42	Evolution of magnetoelectric properties of Sc-diluted $\text{TbMnO}_3$ . Journal of Physics Condensed Matter, 2013, 25, 195601.	0.7	7
43	Evolution of Mn and Co oxidation state on $\text{TbMn}_x\text{Co}_x\text{O}_3$ compounds. Journal of Physics: Conference Series, 2013, 430, 012102.	0.3	1
44	Determination of incommensurate lattice modulations in $\text{La}_{0.4}\text{Sr}_{1.6}\text{MnO}_4$ by resonant r-ray scattering. Journal of Physics: Conference Series, 2013, 430, 012107.	0.3	1
45	Enhancement of ferromagnetic correlations on multiferroic $\text{TbMnO}_3$ by replacing Mn with Co. Journal of Physics Condensed Matter, 2012, 24, 455601.	0.7	30
46	Structural properties of $\text{Pb}_2\text{MnW}_{1-x}\text{Re}_x\text{O}_6$ double perovskites. Journal of Physics Condensed Matter, 2012, 24, 075403.	0.7	4
47	Incommensurate Sinusoidal Oxygen Modulations in Layered Manganites $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Physical Review B, 2012, 85, 114407.		

#	ARTICLE	IF	CITATIONS
55	Origin of the pre-peak features in the oxygen K-edge x-ray absorption spectra of LaFeO <sub>3</sub> and LaMnO <sub>3</sub> studied by Ga substitution of the transition metal ion. Journal of Physics Condensed Matter, 2011, 23, 325601.	0.7	39
56	Structural transformation in magnetite below the Verwey transition. Physical Review B, 2011, 83, .	1.1	70
57	XAS study of the reversible reactivity mechanism of micro- and nanostructured electrodeposited Cu <sub>2</sub> O thin films towards lithium. Journal of Materials Chemistry, 2011, 21, 5368.	6.7	24
58	Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$	1.1	24
59	Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite $\text{Ca}_{1-x}\text{Mn}_x\text{O}_3$	1.1	53
60	Effects of substituting Mn with Ga in the multiferroic properties of TbMnO <sub>3</sub> . Journal of Physics: Conference Series, 2010, 200, 012024.	0.3	6
61	Structural, electrical and magnetic properties of RE <sub>1/3</sub> Sr <sub>2/3</sub> FeO <sub>3</sub> compounds (RE = La, Pr, Nd, Eu and Gd). Journal of Physics: Conference Series, 2010, 200, 012015.	0.3	3
62	Modulation of copper site properties by remote residues determines the stability of plastocyanins. FEBS Letters, 2010, 584, 2346-2350.	1.3	6
63	On the correlation between the X-ray absorption chemical shift and the formal valence state in mixed-valence manganites. Journal of Synchrotron Radiation, 2010, 17, 386-392.	1.0	31
64	Structural effects of Sc doping on the multiferroic TbMnO <sub>3</sub> . Physical Review B, 2010, 81, .	1.1	20
65	Local structure study of Co-doped indium oxide and indium-tin oxide thin films using x-ray absorption spectroscopy. Physical Review B, 2009, 79, .	1.1	23
66	Order-disorder nature of the antiferroelectric transition in Pb <sub>2</sub> MnWO <sub>6</sub> . Journal of Physics Condensed Matter, 2009, 21, 075903.	0.7	11
67	Evidence for charge-density-wave nature of the charge-ordered phase in $\text{La}_{1-x}\text{Mn}_x\text{O}_3$	1.1	31
68	Reexamination of the Temperature Dependences of Resonant Reflections in Highly Stoichiometric Magnetite. Physical Review Letters, 2009, 102, 176405.	2.9	29
69	Resonant x-ray scattering in 3d-transition-metal oxides: Anisotropy and charge orderings. Journal of Physics: Conference Series, 2009, 190, 012085.	0.3	7
70	Charge and orbital ordering in Fe and Mn perovskite oxides far from half-doping by resonant x-ray scattering. Journal of Physics: Conference Series, 2009, 190, 012086.	0.3	0
71	Soft resonant x-ray scattering in highly stoichiometric magnetite. Journal of Physics: Conference Series, 2009, 190, 012088.	0.3	1
72	Pressure-induced magnetic transition in Fe <sub>3</sub> O <sub>4</sub> and CoFe <sub>2</sub> O <sub>4</sub> spinels. Journal of Physics: Conference Series, 2009, 190, 012089.	0.3	8

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73	Resonant x-ray scattering at the forbidden reflections in Mn <sup>3+</sup> -perovskites REMnO <sub>3</sub> (RE:La and Tb). Journal of Physics: Conference Series, 2009, 190, 012087.	0.3	0
74	Charge disproportionation in $\text{La}_{1-x}\text{Sr}_x\text{FeO}_3$ determined using resonant x-ray scattering at the Mn K edge. Journal of Physics Condensed Matter, 2008, 20, 235211.	1.1	83
75	The checkerboard pattern of Bi <sub>0.63</sub> Sr <sub>0.37</sub> MnO <sub>3</sub> determined using resonant x-ray scattering at the Mn K edge. Journal of Physics Condensed Matter, 2008, 20, 235211.	0.7	7
76	Resonant x-ray scattering study of layered TbBaCo <sub>2</sub> Mn <sub>3</sub> Physical Review B, 2008, 78, .	1.1	8
77	Origin of the resonant x-ray scattering in LaMnO <sub>3</sub> . Physical Review B, 2007, 75, .	1.1	21
78	Effects of the lanthanide addition to the $\text{Sr}_{1-x}\text{Cr}_x\text{Re}_x\text{O}_6$ double perovskites. Physical Review B, 2007, 76, .	1.1	13
79	Characterization of the anion-ordering transition in $\text{La}_{1-x}\text{Tm}_x\text{MnO}_3$ by x-ray absorption and photoemission spectroscopies. Physical Review B, 2007, 76, .	1.1	9
80	Local Structural Distortions Inducing Resonant Forbidden Reflections in LaMnO <sub>3</sub> . AIP Conference Proceedings, 2007, . .	0.3	0
81	Mn K-Edge XMCD Study of the Mixed-Valence State of Mn-Based Molecular Nanomagnets. AIP Conference Proceedings, 2007, . .	0.3	4
82	The Checkerboard Pattern of the Charge-Ordered Phases in Bi <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> (x=0.5) Studied by Resonant X-Ray Scattering at the Mn K Edge. AIP Conference Proceedings, 2007, . .	0.3	0
83	The atypical iron-coordination geometry of cytochrome f remains unchanged upon binding to plastocyanin, as inferred by XAS. Photosynthesis Research, 2007, 90, 23-28.	1.6	6
84	Comment on "Charge order in Fe <sub>2</sub> OBO <sub>3</sub> : An LSDA+U study". Physical Review B, 2006, 74, .	1.1	6
85	Transient binding of plastocyanin to its physiological redox partners modifies the copper site geometry. FEBS Letters, 2006, 580, 6187-6194.	1.3	14
86	Detecting transient protein-protein interactions by X-ray absorption spectroscopy: The cytochrome c <sub>6</sub> -photosystem I complex. FEBS Letters, 2006, 580, 3023-3028.	1.3	8
87	Ag <sub>2</sub> CuMnO <sub>4</sub> : A new silver copper oxide with delafossite structure. Journal of Solid State Chemistry, 2006, 179, 3883-3892.	1.4	29
88	Lack of Jahn-Teller distortion in highly diluted LaMn <sub>1-x</sub> Ga <sub>x</sub> O <sub>3</sub> (x>0.6). Physical Review B, 2006, 73, .	1.1	19
89	Publisher's Note: Site-specific magnetization reversal studies of magnetite [Phys. Rev. B 73, 144416 (2006)]. Physical Review B, 2006, 73, .	1.1	0
90	Double stripe ordering in Nd <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> determined by resonant soft x-ray scattering. Physical Review B, 2006, 73, .	1.1	18

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91	Checkerboard-ordered pattern of $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ low-temperature phase probed by x-ray resonant scattering. <i>Physical Review B</i> , 2006, 73, .	1.1	25
92	Site-specific magnetization reversal studies of magnetite. <i>Physical Review B</i> , 2006, 73, .	1.1	4
93	XRay Resonant Scattering in $\text{Fe}_3\text{O}_4$ , $\text{MnFe}_2\text{O}_4$ and $\text{CoFe}_2\text{O}_4$ Ferrites. <i>Physica Scripta</i> , 2005, , 603.	1.2	1
94	A comparative study of Cu $\hat{=}$ Se and In $\hat{=}$ Se bond length distributions in $\text{CuInSe}_2$ with related In-rich compounds. <i>Thin Solid Films</i> , 2005, 480-481, 295-300.	0.8	12
95	Electronic Structure of $\text{Ag}_2\text{Cu}_2\text{O}_4$ . Evidence of Oxidized Silver and Copper and Internal Charge Delocalization. <i>ChemInform</i> , 2005, 36, no.	0.1	0
96	Oxynitrides as Electrode Materials for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2005, 152, A2246.	1.3	21
97	JahnTeller Dynamic Distortions in $\text{LaMnO}_3$ Determined by EXAFS. <i>Physica Scripta</i> , 2005, , 594.	1.2	4
98	X-ray absorption spectroscopic study on $\text{A}_2\text{FeReO}_6$ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4963-4976.	0.7	16
99	Polarized x-ray absorption spectra of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ : Electronic state of Mn atoms. <i>Physical Review B</i> , 2005, 72, .	1.1	25
100	Electronic Structure of $\text{Ag}_2\text{Cu}_2\text{O}_4$ . Evidence of Oxidized Silver and Copper and Internal Charge Delocalization. <i>Journal of Physical Chemistry B</i> , 2005, 109, 6193-6203.	1.2	48
101	XAS Study of $\text{LaMn}_x\text{GaxO}_3$ Series. <i>Physica Scripta</i> , 2005, , 641.	1.2	3
102	XAS Study of $\text{A}_2\text{FeMoO}_6$ Double Perovskite. <i>Physica Scripta</i> , 2005, , 471.	1.2	2
103	EXAFS spectroscopic analysis of the Verwey transition in $\text{Fe}_3\text{O}_4$ . <i>Physical Review B</i> , 2005, 71, .	1.1	62
104	X-ray resonant scattering of $(004n+2)$ forbidden reflections in spinel ferrites. <i>Physical Review B</i> , 2004, 70, .	1.1	20
105	Stability of the tetragonal $\text{Mn}^{3+}\text{O}_6$ distortions in the $\text{LaMn}_{1-x}\text{GaxO}_3$ series by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2004, 69, .	1.1	29
106	Structural origin of dipole x-ray resonant scattering in the low-temperature phase of $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>Physical Review B</i> , 2004, 70, .	1.1	92
107	Structure and magnetic properties of $\text{LaMn}_{1-x}\text{MgxO}_3$ compounds. <i>Physical Review B</i> , 2004, 70, .	1.1	30
108	Magnetite, a Model System for Mixed-Valence Oxides, Does Not Show Charge Ordering. <i>Physical Review Letters</i> , 2004, 93, 156408.	2.9	80

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109	An x-ray spectroscopic study of $A_2\text{FeMoO}_6$ and $\text{Sr}_2\text{Fe}_{1-x}\text{Cr}_x\text{MoO}_6$ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6877-6890.	0.7	13
110	The Verwey transition—a new perspective. <i>Journal of Physics Condensed Matter</i> , 2004, 16, R145-R178.	0.7	259
111	Cooperative Jahn-Teller Phase Transition in $\text{LaMnO}_3$ Studied by X-Ray Absorption Spectroscopy. <i>Physical Review Letters</i> , 2003, 90, 045503.	2.9	97
112	Comment on “X-ray resonant scattering studies of orbital and charge ordering in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ ”. <i>Physical Review B</i> , 2003, 68, .	1.1	11
113	Enhancement of anisotropy in $\text{Nd}_2\text{Fe}_{14}\text{B}$ driven by Eu substitution. <i>Physical Review B</i> , 2003, 67, .	1.1	9
114	Local electronic and geometrical structure of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3$ perovskites determined by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 2002, 65, .	1.1	137
115	LACK OF ATOMIC CHARGE LOCALIZATION IN TRANSITION METAL MIXED VALENCE OXIDES. <i>Surface Review and Letters</i> , 2002, 09, 821-830.	0.5	5
116	SOFT X-RAY ABSORPTION SPECTROSCOPY (Mn L <sub>2,3</sub> AND O K) IN MIXED VALENCE MANGANITES. <i>Surface Review and Letters</i> , 2002, 09, 1071-1078.	0.5	18
117	Mn local structure effects in charge-ordered mixed-valence $\text{RE}_{1-x}\text{Ca}_x\text{MnO}_3$ (RE: La, Tb) perovskites: a review of the experimental situation. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 5017-5033.	0.7	20
118	Neutron diffraction study and magnetic properties of $\text{LaMn}_{1-x}\text{Ga}_x\text{O}_3$ . <i>Physical Review B</i> , 2002, 66, .	1.1	75
119	Magnetic properties of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$ perovskites. <i>European Physical Journal B</i> , 2002, 30, 469-479.	0.6	32
120	Analysis of the x-ray resonant scattering at the Mn K edge in half-doped mixed valence manganites. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 3243-3256.	0.7	56
121	Absence of charge ordering below the Verwey transition temperature in magnetite. <i>Physical Review B</i> , 2001, 63, .	1.1	101
122	Local structure and oxidation state of Mn and Ni atoms in $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3$ perovskites. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 901-903.	1.0	5
123	Geometric local structure at the Mn site in charge-ordered mixed valence manganites. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 904-906.	1.0	0
124	Mn K-edge XANES spectra of manganites measured by $K\beta$ emission. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 892-894.	1.0	3
125	Has charge ordering actually been observed in manganites by resonant X-ray scattering?. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 895-897.	1.0	1
126	Diffraction anomalous fine structure of forbidden Bragg reflections: charge localization and structure of the octahedral site in magnetite. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 390-392.	1.0	4



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127	High resolution x-ray absorption near edge structure at the Mn K edge of manganites. Journal of Physics Condensed Matter, 2001, 13, 3229-3241.	0.7	64
128	Magnetic properties and structure of LaNi <sub>3</sub> /4Mn <sub>1</sub> /4O <sub>3</sub> . Journal of Physics Condensed Matter, 2001, 13, L729-L736.	0.7	5
129	Charge ordering and forbidden reflections in magnetite. AIP Conference Proceedings, 2000, , .	0.3	0
130	Resonant "Forbidden" Reflections in Magnetite. Physical Review Letters, 2000, 85, 578-581.	2.9	112
131	Local structure around Mn atom in the LaMnO <sub>3</sub> + $\hat{\Gamma}$ system. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 534-535.	1.0	2
132	Local structure at the manganese site in mixed-valence manganites. Physical Review B, 1998, 57, 748-754.	1.1	44
133	Effect of cation vacancies in the local structure and transport properties of LaMnO <sub>3</sub> + $\hat{\Gamma}$ : A MnK-edge x-ray-absorption study. Physical Review B, 1998, 58, 9287-9293.	1.1	33
134	X-ray-absorption near-edge spectroscopy and circular magnetic x-ray dichroism at the MnKedge of magnetoresistive manganites. Physical Review B, 1997, 56, 8183-8191.	1.1	172
135	Phase transition and crystal structures of. Journal of Physics Condensed Matter, 1996, 8, 8971-8982.	0.7	7
136	Origin of the Multiferroic-Like Properties of Er <sub>2</sub> CoMnO <sub>6</sub> . Solid State Phenomena, 0, 257, 95-98.	0.3	13