Guido Righini

List of Publications by Year in descending order

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36	729	471509 17	526287 27
papers	citations	h-index	g-index

37	37	37	1048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Azetidinium lead iodide: synthesis, structural and physico-chemical characterization. Journal of Materials Chemistry A, 2018, 6, 10135-10148.	10.3	16
2	Organicâ€“inorganic hybrids: From magnetic perovskite metal(II) halides to multifunctional metal(II) phosphonates. Coordination Chemistry Reviews, 2015, 289-290, 123-136.	18.8	60
3	Magnetic Order Through Super-Superexchanges in the Polar Magnetoelectric Organicâ€“Inorganic Hybrid Cr[(D3N-(CH2)2-PO3)(Cl)(D2O)]. Inorganic Chemistry, 2013, 52, 753-760.	4.0	8
4	Nickel(II) 3,4;9,10-Perylenediimide bis-Phosphonate Pentahydrate: A Metalâ€“Organic Ferromagnetic Dye. Inorganic Chemistry, 2012, 51, 7332-7339.	4.0	8
5	A Novel 1D-AF Hybrid Organicâ^Inorganic Chromium(II) Methyl Phosphonate Dihydrate: Synthesis, X-Ray Crystal and Molecular Structure, and Magnetic Properties. Inorganic Chemistry, 2010, 49, 7472-7477.	4.0	12
6	Synthesis and characterization of a new layered organicâ€“inorganic hybrid nickel(II) 1,4:5,8-naphthalenediimide bis-phosphonate, exhibiting canted antiferromagnetism, with Tcâ^¼21K. Journal of Solid State Chemistry, 2008, 181, 1213-1219.	2.9	6
7	Neutron powder diffraction study of the layer organicâ€“inorganic hybrid iron(II) methylphosphonate-hydrate, Fe[(CD3PO3)(D2O)]. Journal of Solid State Chemistry, 2008, 181, 3005-3009.	2.9	0
8	On the crystal structures and magnetism of some hybrid organicâ€“inorganic metal organophosphonates. Inorganica Chimica Acta, 2008, 361, 3785-3799.	2.4	25
9	Comparison of the Structure and Magnetic Order in a Series of Layered Ni(II) Organophosphonates, Ni[(RPO₃)(H₂O)] (R = C₆H₅, CH₃,) Tj ETQq1 1 0.784314 rgBT /Ove	4.8	3
10	Novel Au/La1â^'xSrxMnO3 and Au/La1â^'xSrxCrO3 composites: Catalytic activity for propane partial oxidation and reforming. Solid State Ionics, 2007, 177, 3473-3484.	2.7	23
11	Layered hybrid organicâ€“inorganic Co(II) alkylphosphonates. Synthesis, crystal structure and magnetism of the first two members of the series: Co[(CH3PO3)(H2O)] and Co[(C2H5PO3)(H2O)]. Journal of Solid State Chemistry, 2006, 179, 389-397.	2.9	22
12	Synthesis, structural determination and magnetic properties of layered hybrid organicâ€“inorganic, iron (II) propylphosphonate, Fe[(CH3(CH2)2PO3)(H2O)], and iron (II) octadecylphosphonate, Fe[(CH3(CH2)17PO3)(H2O)]. Journal of Solid State Chemistry, 2006, 179, 579-589.	2.9	19
13	A versatile method of preparation of carbon-rich LiFePO4: A promising cathode material for Li-ion batteries. Journal of Power Sources, 2005, 146, 544-549.	7.8	36
14	Hydrothermal synthesis, structural characterization and magnetic studies of the new pillared microporous ammonium Fe(III) carboxyethylphosphonate: [NH4][Fe2(OH){O3P(CH2)2CO2}2]. Journal of Solid State Chemistry, 2005, 178, 306-313.	2.9	14
15	Dimorphism in iron(II) methylphosphonate: Low-temperature crystal structure and temperature-dependent MÃ¶ssbauer studies of a new form of the layered weak ferromagnet Fe[(CH3PO3)(H2O)]. Journal of Solid State Chemistry, 2005, 178, 1125-1132.	2.9	12
16	The effect of doping LiMn2O4 spinel on its use as a cathode in Li-ion batteries: neutron diffraction and electrochemical studies. Journal of Physics and Chemistry of Solids, 2004, 65, 29-37.	4.0	39
17	Versatile Synthesis of Carbon-Rich LiFePO[sub 4] Enhancing Its Electrochemical Properties. Electrochemical and Solid-State Letters, 2004, 7, A85.	2.2	48
18	Synthesis, X-ray Powder Structure, and Magnetic Properties of Layered NiII Methylphosphonate, [Ni(CH3PO3)(H2O)], and NiII Octadecylphosphonate, [Ni{CH3-(CH2)17-PO3}(H2O)]. Chemistry - A European Journal, 2003, 9, 1324-1331.	3.3	27

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19	Ni(II)octadecylphosphonate: an inorganic/organic layered weak-ferromagnet. Polyhedron, 2003, 22, 2463-2469.	2.2	3
20	Cr[(H3Nâ^'(CH2)2â^'PO3)(Cl)(H2O)]:Â X-Ray Single-Crystal Structure and Magnetism of a Polar Organicâ^'Inorganic Hybrid Chromium(II) Organophosphonate. Inorganic Chemistry, 2003, 42, 6345-6351.	4.0	42
21	Microstructure and surface composition of ferromagnetic thick films prepared with NiCo polyol-derived powders. Thin Solid Films, 2000, 359, 21-27.	1.8	3
22	Mercury complexes with 1,2,6,7-tetracyano-3,5-dihydro-3,5-diimino-pyrrolizinide. Polyhedron, 1999, 18, 799-806.	2.2	1
23	An X-Ray Photoelectron Spectroscopic Study of Ancient Paper and Its Deterioration. Die Naturwissenschaften, 1998, 85, 171-175.	1.6	13
24	X-ray photoelectron spectroscopy characterization of stain-etched luminescent porous silicon films. Journal of Luminescence, 1998, 80, 159-162.	3.1	21
25	Diamond nucleation and growth on different cutting tool materials: influence of substrate pre-treatments. Diamond and Related Materials, 1996, 5, 292-298.	3.9	55
26	Highly selective vapor phase propene hydroformylation catalyzed by RhB and Rhî—¸CoB systems on silica. Journal of Molecular Catalysis A, 1996, 112, 43-54.	4.8	6
27	Spectral noise removal by new digital smoothing routine. Journal of Electron Spectroscopy and Related Phenomena, 1995, 74, 159-166.	1.7	12
28	Noise removal from Auger images by using adaptive binomial filter. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 399-404.	1.7	8
29	Influence of chemical composition on sensitivity and signal reproducibility of CdS sensors of oxygen. Sensors and Actuators B: Chemical, 1995, 25, 628-630.	7.8	19
30	Surface composition of alkali-dope TiO2 films for sensors investigated by XPS. Sensors and Actuators B: Chemical, 1995, 25, 886-888.	7.8	11
31	BEDT-TTF Salts with .alpha.-Keggin Poly(oxometallates): Electrical, Magnetic, and Optical Properties of (BEDT-TTF)8[PMo12O40] and (BEDT-TTF)8[SiW12O40] and X-ray Crystal Structure of (BEDT-TTF)8[PMo12O40].cntdot.{(CH3CN.cntdot.H2O)2}. Chemistry of Materials, 1995, 7, 1475-1484.	6.7	40
32	X-ray photoelectron spectroscopy investigation of MgAl₂O₄ thin films for humidity sensors. Journal of Materials Research, 1994, 9, 1426-1433.	2.6	22
33	XPS analysis of the interface of ceramic thin films for humidity sensors. Applied Surface Science, 1993, 70-71, 363-366.	6.1	45
34	A method to subtract the transmission and dispersion analyser effect from high-intensity, low-resolution XPS spectra. Surface and Interface Analysis, 1993, 20, 655-658.	1.8	2
35	Chemical aspects in thermal treatment of ZrO2î—¸CeO2î—¸Y2O3 alloy. Applied Surface Science, 1992, 55, 257-267.	6.1	9
36	A new approach for curve-resolving photoemission peaks in XPS. Surface and Interface Analysis, 1991, 17, 689-692.	1.8	9