

Patrizia Imperatori

List of Publications by Year in descending order

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40
papers

1,221
citations

361413

20
h-index

361022

35
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40
all docs

40
docs citations

40
times ranked

1931
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Approaches to the Synthesis of Metallophthalocyanines in Solution. <i>Molecules</i> , 2021, 26, 1760.	3.8	7
2	Nanocluster superstructures or nanoparticles? The self-consuming scaffold decides. <i>Nanoscale</i> , 2018, 10, 7472-7483.	5.6	17
3	Competition between Polar and Antiferrodistortive Modes and Correlated Dynamics of the Methylammonium Molecules in MAPbI ₃ from Anelastic and Dielectric Measurements. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4401-4406.	4.6	18
4	Tuning hard and soft magnetic FePt nanocomposites. <i>Journal of Alloys and Compounds</i> , 2016, 663, 601-609.	5.5	10
5	24 h stability of thick multilayer silicene in air. <i>2D Materials</i> , 2014, 1, 021003.	4.4	122
6	Sonochemical synthesis of versatile hydrophilic magnetite nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 877-882.	8.2	44
7	Composition, morphology, structural aspects and electrochemical properties of Ni-Co alloy coatings. <i>Surface and Coatings Technology</i> , 2011, 205, 5394-5399.	4.8	76
8	High Yield Synthesis of Pure Alkanethiolate-Capped Silver Nanoparticles. <i>Langmuir</i> , 2010, 26, 15561-15566.	3.5	32
9	A Novel 1D-AF Hybrid Organic-Inorganic Chromium(II) Methyl Phosphonate Dihydrate: Synthesis, X-Ray Crystal and Molecular Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 7472-7477.	4.0	12
10	Thermal hysteresis of Morin transition in hematite particles. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6984.	2.8	29
11	General Strategy for Direct Synthesis of L ₁ Nanoparticle Alloys from Layered Precursor: The Case of FePt. <i>Chemistry of Materials</i> , 2009, 21, 2007-2009.	6.7	29
12	Quasi-epitaxial growth of crystalline wurtzite AlN thin films on Si(001) by RF magnetron sputtering. , 2009, , .		4
13	Permanent Magnetism in Dithiol-Capped Silver Nanoparticles. <i>Chemistry of Materials</i> , 2007, 19, 1509-1517.	6.7	43
14	Controlled filling and external cleaning of multi-wall carbon nanotubes using a wet chemical method. <i>Carbon</i> , 2007, 45, 2205-2208.	10.3	24
15	Double perovskite Sr ₂ FeMoO ₆ films: Growth, structure, and magnetic behavior. <i>Journal of Applied Physics</i> , 2006, 100, 013907.	2.5	27
16	Investigation of magnetization reversal processes in Co-Pt/Pt thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 467-470.	2.3	1
17	Synthesis of gold nanocrystals in concurrently polymerizing organic-inorganic hybrid films. <i>Journal of Materials Research</i> , 2005, 20, 1287-1294.	2.6	1
18	Magnetite Nanoparticles Anchored to Crystalline Silicon Surfaces. <i>Chemistry of Materials</i> , 2005, 17, 3311-3316.	6.7	46

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19	Synthesis, Morphology, and Magnetic Characterization of Iron Oxide Nanowires and Nanotubes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7103-7109.	2.6	125
20	Structural and magnetic properties of pulsed laser deposited CoPt ₃ films. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E907-E908.	2.3	0
21	Structural, optical, and acoustic characterization of high-quality AlN thick films sputtered on Al ₂ O ₃ (0001) at low temperature for GHz-band electroacoustic devices applications. <i>Journal of Applied Physics</i> , 2004, 96, 2610-2615.	2.5	49
22	Synthesis and Characterization of MoO ₃ Thin Films and Powders from a Molybdenum Chloromethoxide. <i>Chemistry of Materials</i> , 2004, 16, 5495-5501.	6.7	50
23	Structural, morphological and acoustic properties of AlN thick films sputtered on Si(001) and Si(111) substrates at low temperature. <i>Thin Solid Films</i> , 2003, 441, 32-37.	1.8	49
24	High-frequency, high-sensitivity acoustic sensor implemented on ALN/Si substrate. <i>Applied Physics Letters</i> , 2003, 83, 1641-1643.	3.3	52
25	Structural and acoustic characterization of highly oriented piezoelectric AlN films. , 2001, , .		3
26	Investigation of static and dynamic magnetic properties of Joule heated granular Co ₁₀ Cu ₉₀ ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 202, 123-132.	2.3	8
27	Effects of thermal treatments on structural and magnetic properties of acicular $\hat{\pm}$ -Fe ₂ O ₃ nanoparticles. <i>Scripta Materialia</i> , 1999, 11, 797-803.	0.5	48
28	X-ray-scattering analysis of surface structures produced by vapor-phase epitaxy of GaAs. <i>Physical Review B</i> , 1994, 49, 1957-1965.	3.2	37
29	Gallium arsenide surface reconstructions during organometallic vapor-phase epitaxy. <i>Applied Physics Letters</i> , 1992, 60, 2610-2612.	3.3	67
30	Condensation reactions of tetracyanoethylene and its monoanion promoted by Lewis acids: synthesis and crystal, molecular, and electronic structure of a novel heterocycle, the 2,3,6,7-tetracyano-5-(tricyanoethenylimino)-3H-1,4,7b-triazabenzotriazapentalenide ion. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 121.	0.9	5
31	Weak charge-transfer polyoxoanion salts: the reaction of quinolin-8-ol (Hquin) with phosphotungstic acid and the crystal and molecular structure of [H ₂ quin] ₃ [PW ₁₂ O ₄₀] $\hat{\wedge}$ -4EtOH $\hat{\wedge}$ -2H ₂ O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3221-3228.	1.1	68
32	Dithiolene-like platinum complexes of the methyl esters of N ₃ -isopropyl and t-butyl substituted dithiocarbazic acids. Crystal and molecular structures of [Pt{N ⁱ PrNC(S)SMe} ₂] and [Pt{N ^t BuNC(S)SMe} ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 931.	1.1	5
33	spectroscopy of the anions C ₁₆ N ₈ H ₅ $\hat{\wedge}$ ⁻ , dicyano(3,4-dicyano-5-benzimidazol-1-yl-2H-pyrrol-2-ylideneamino)methanide (1) and C ₁₈ N ₉ H ₄ $\hat{\wedge}$ ⁻ , 1,2,4,5-tetracyano-3,6,7,12,13-penta-aza-5H-indeno[1,2-d]-acenaphthylen-5-ide (2). Crystal and molecular structure of their tetraphenylarsonium salts. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, 1359-1364.	0.9	3
34	N-Analogues of Metal Acetylacetonates: Bis(1,2,6,7-tetracyano-3, 5-diimino-3,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (5-dihydropr Angewandte Chemie International Edition in English, 1989, 28, 1049-1050.	4.4	20
35	Tetrathiafulvalenium salts of planar PtII, PdII, and CuII 1,2-dithio-oxalato-S ₂ S $\hat{\wedge}$ ²⁻ anions. Synthesis, chemistry and molecular structures of bis(tetrathiafulvalenium) bis(1,2-dithio-oxalato-S ₂ S $\hat{\wedge}$ ²⁻)palladate(II), [tff] ₂ [Pd(S ₂ C ₂ O ₂) ₂], and of bis(tetrathiafulvalenium)tetrathiafulvalene bis(1,2-dithio-oxalato-S ₂ S $\hat{\wedge}$ ²⁻)platinate(II), [tff] ₃ [Pt(S ₂ C ₂ O ₂) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 719-727.	1.1	31
36	Dithiolene-like nickel complexes of the methyl ester of dithiocarbazic acid and its N ₃ phenyl- and benzyl-substituted derivatives. Crystal and molecular structure of [Ni{PhNC ₆ H ₄ NNC(S)SMe}(NCS)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1217.	1.1	11

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37	Electronic and structural properties of novel cyanocarbon dyes based on tetracyanoethylene. Journal of the Chemical Society Perkin Transactions II, 1988, , 1447.	0.9	8
38	Electron-transfer platinum complexes of esters of dithiocarbazic acid. The crystal and molecular structure of $[Pt\{N(CH_2Ph)NC(S)SMe\}_2]$. Journal of the Chemical Society Dalton Transactions, 1987, , 1035.	1.1	14
39	Characterization of the adducts formed by Cu(CN) and Cu(NCS) with biquinoline. The crystal structure of the polymeric cyano-compound containing both linear and tetrahedrally co-ordinated copper(I), $[Cu_3(bq)_2(CN)_3]_n$. Journal of the Chemical Society Dalton Transactions, 1985, , 1285.	1.1	14
40	Study of the stability of the phenanthrene- and 1,2-benzanthracene-choleic acids by vapor pressure measurements. Journal of Chemical & Engineering Data, 1983, 28, 242-244.	1.9	12