

Lorenzo Malavasi

List of Publications by Year in descending order

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225
papers

6,907
citations

61984

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91884

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238
all docs

238
docs citations

238
times ranked

9379
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocrystals perovskites photocatalyzed singlet oxygen generation for light-driven organic reactions. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 613-624.	2.9	5
2	Maltodextrin-amino acids electrospun scaffolds cross-linked with Maillard-type reaction for skin tissue engineering. <i>Materials Science and Engineering C</i> , 2022, 133, 112593.	7.3	12
3	Structure-property correlation in oxide-ion and proton conductors for clean energy applications: recent experimental and computational advancements. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5082-5110.	10.3	23
4	Reaction Mechanism of Photocatalytic Hydrogen Production at Water/Tin Halide Perovskite Interfaces. <i>ACS Energy Letters</i> , 2022, 7, 1308-1315.	17.4	26
5	Pressure response of decylammonium-containing 2D iodide perovskites. <i>IScience</i> , 2022, 25, 104057.	4.1	4
6	Water-stable DMASnBr ₃ Lead-Free Perovskite for Effective Solar-Driven Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3611-3618.	13.8	72
7	Water-stable DMASnBr ₃ Lead-Free Perovskite for Effective Solar-Driven Photocatalysis. <i>Angewandte Chemie</i> , 2021, 133, 3655-3662.	2.0	12
8	Innovative Strategies in Tendon Tissue Engineering. <i>Pharmaceutics</i> , 2021, 13, 89.	4.5	34
9	g-C ₃ N ₄ /metal halide perovskite composites as photocatalysts for singlet oxygen generation processes for the preparation of various oxidized synthons. <i>Catalysis Science and Technology</i> , 2021, 11, 2292-2298.	4.1	5
10	Cation Dynamics and Structural Stabilization in Formamidinium Lead Iodide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3503-3508.	4.6	22
11	Morphological and Optical Tuning of Lead-Free Cs ₂ SnX ₆ (X = I, Br) Perovskite Nanocrystals by Ligand Engineering. <i>Frontiers in Electronics</i> , 2021, 2, .	3.2	6
12	Germanium-Based Halide Perovskites: Materials, Properties, and Applications. <i>ChemPlusChem</i> , 2021, 86, 879-888.	2.8	50
13	Application of Metal Halide Perovskites as Photocatalysts in Organic Reactions. <i>Inorganics</i> , 2021, 9, 56.	2.7	19
14	Biomaterials for Soft Tissue Repair and Regeneration: A Focus on Italian Research in the Field. <i>Pharmaceutics</i> , 2021, 13, 1341.	4.5	20
15	Optical and Structural Property Tuning in Physical Vapor Deposited Bismuth Halides Cs ₃ Bi ₂ (I _{1-x} Br _x) ₉ (0 ≤ x ≤ 1) <i>Tj ETQq.101 0.784314 rgB</i>	4.1	17
16	Experimental Strategy and Mechanistic View to Boost the Photocatalytic Activity of Cs ₃ Bi ₂ Br ₉ Lead-Free Perovskite Derivative by g-C ₃ N ₄ Composite Engineering. <i>Advanced Functional Materials</i> , 2021, 31, 2104428.	14.9	53
17	Role of spacer cations and structural distortion in two-dimensional germanium halide perovskites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9899-9906.	5.5	28
18	Electrospun Scaffolds in Periodontal Wound Healing. <i>Polymers</i> , 2021, 13, 307.	4.5	29

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19	Pressure Effects on Lead-Free Metal Halide Perovskites: a Route to Design Optimized Materials for Photovoltaics. <i>Solar Rrl</i> , 2021, 5, 2100550.	5.8	15
20	Smart Device for Biologically Enhanced Functional Regeneration of Osteo-Tendon Interface. <i>Pharmaceutics</i> , 2021, 13, 1996.	4.5	8
21	Graphitic Carbon Nitride as a Sustainable Photocatalyst Material for Pollutants Removal. State-of-the-Art, Preliminary Tests and Application Perspectives. <i>Materials</i> , 2021, 14, 7368.	2.9	8
22	Green-Emitting Lead-Free Cs ₄ SnBr ₆ Zero-Dimensional Perovskite Nanocrystals with Improved Air Stability. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 618-623.	4.6	42
23	Exploring the role of halide mixing in lead-free BZA ₂ SnX ₄ two dimensional hybrid perovskites. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1875-1886.	10.3	21
24	Solar-Driven Hydrogen Generation by Metal Halide Perovskites: Materials, Approaches, and Mechanistic View. <i>ACS Omega</i> , 2020, 5, 25511-25519.	3.5	22
25	Origin of pressure-induced band gap tuning in tin halide perovskites. <i>Materials Advances</i> , 2020, 1, 2840-2845.	5.4	20
26	The Ba ₃ Mo _{1-x} W _x NbO _{8.5} ion conductors: insights into local coordination from X-ray and neutron total scattering. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21227-21240.	10.3	8
27	The Effect of Extended Ball-Milling upon Three-Dimensional and Two-Dimensional Perovskite Crystals Properties. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4775.	2.5	8
28	Physical and chemical vapor deposition methods applied to all-inorganic metal halide perovskites. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	14
29	Versatile vapor phase deposition approach to cesium tin bromide materials CsSnBr ₃ , CsSn ₂ Br ₅ and Cs ₂ SnBr ₆ . <i>RSC Advances</i> , 2020, 10, 28478-28482.	3.6	19
30	Carbon Nitride-Perovskite Composites: Evaluation and Optimization of Photocatalytic Hydrogen Evolution in Saccharides Aqueous Solution. <i>Catalysts</i> , 2020, 10, 1259.	3.5	22
31	Nanotechnology-Based Medical Devices for the Treatment of Chronic Skin Lesions: From Research to the Clinic. <i>Pharmaceutics</i> , 2020, 12, 815.	4.5	27
32	Collagen/PCL Nanofibers Electrospun in Green Solvent by DOE Assisted Process. An Insight into Collagen Contribution. <i>Materials</i> , 2020, 13, 4698.	2.9	28
33	Electron Transport Materials: Evolution and Case Study for High-Efficiency Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2000136.	5.8	32
34	PEA ₂ SnBr ₄ : a water-stable lead-free two-dimensional perovskite and demonstration of its use as a co-catalyst in hydrogen photogeneration and organic-dye degradation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9189-9194.	5.5	54
35	Halloysite- and Montmorillonite-Loaded Scaffolds as Enhancers of Chronic Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 179.	4.5	31
36	Highly Tunable Emission by Halide Engineering in Lead-Free Perovskite-Derivative Nanocrystals: The Cs ₂ SnX ₆ (X = Cl, Br, Br/I, I) System. <i>Frontiers in Chemistry</i> , 2020, 8, 35.	3.6	35

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37	Norfloxacin-Loaded Electrospun Scaffolds: Montmorillonite Nanocomposite vs. Free Drug. <i>Pharmaceutics</i> , 2020, 12, 325.	4.5	31
38	Chitosan/Glycosaminoglycan Scaffolds: The Role of Silver Nanoparticles to Control Microbial Infections in Wound Healing. <i>Polymers</i> , 2019, 11, 1207.	4.5	59
39	Platelet lysate loaded electrospun scaffolds: Effect of nanofiber types on wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 247-257.	4.3	31
40	The role of chitosan as coating material for nanostructured lipid carriers for skin delivery of fucoxanthin. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118487.	5.2	41
41	Local Coordination of Protons in In- and Sc-Doped BaZrO ₃ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 26065-26072.	3.1	10
42	Band Gap Engineering in MASnBr ₃ and CsSnBr ₃ Perovskites: Mechanistic Insights through the Application of Pressure. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7398-7405.	4.6	57
43	Chitosan Oleate Coated Poly Lactic-Glycolic Acid (PLGA) Nanoparticles versus Chitosan Oleate Self-Assembled Polymeric Micelles, Loaded with Resveratrol. <i>Marine Drugs</i> , 2019, 17, 515.	4.6	19
44	Local structure and vibrational dynamics in indium-doped barium zirconate. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7360-7372.	10.3	24
45	Chitosan/glycosaminoglycan scaffolds for skin reparation. <i>Carbohydrate Polymers</i> , 2019, 220, 219-227.	10.2	59
46	Facile anion-exchange reaction in mixed-cation lead bromide perovskite nanocrystals. <i>RSC Advances</i> , 2019, 9, 13263-13268.	3.6	7
47	Enhanced air-stability of Sn-based hybrid perovskites induced by dimethylammonium (DMA): synthesis, characterization, aging and hydrogen photogeneration of the MA _{1-x} DMA _x SnBr ₃ system. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7020-7026.	5.5	41
48	Synthesis, Properties, and Modeling of Cs _{1-x} Rb _x SnBr ₃ Solid Solution: A New Mixed-Cation Lead-Free All-Inorganic Perovskite System. <i>Chemistry of Materials</i> , 2019, 31, 3527-3533.	6.7	30
49	g-C ₃ N ₄ - Singlet Oxygen Made Easy for Organic Synthesis: Scope and Limitations. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8176-8182.	6.7	50
50	Designing a High-Power Sodium-Ion Battery by <i>in Situ</i> Metal Plating. <i>ACS Applied Energy Materials</i> , 2019, 2, 344-353.	5.1	23
51	Photocatalytic hydrogen evolution assisted by aqueous (waste) biomass under simulated solar light: Oxidized g-C ₃ N ₄ vs. P25 titanium dioxide. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4072-4078.	7.1	27
52	Investigation of Dimethylammonium Solubility in MAPbBr ₃ Hybrid Perovskite: Synthesis, Crystal Structure, and Optical Properties. <i>Inorganic Chemistry</i> , 2019, 58, 944-949.	4.0	22
53	Enhanced hydrogen photogeneration by bulk g-C ₃ N ₄ through a simple and efficient oxidation route. <i>Dalton Transactions</i> , 2018, 47, 6772-6778.	3.3	18
54	Synthesis, crystal structure and ionic conductivity of the $\text{Ba}_{1-x}\text{W}_x\text{Br}_3$. <i>Journal of Solid State Chemistry</i> , 2018, 258, 628-633.		

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55	Freeze dried chitosan acetate dressings with glycosaminoglycans and traxenamic acid. Carbohydrate Polymers, 2018, 184, 408-417.	10.2	43
56	Ambient condition retention of band-gap tuning in MAPbI ₃ induced by high pressure quenching. Chemical Communications, 2018, 54, 13212-13215.	4.1	21
57	Rationalization of hydrogen production by bulk g-C ₃ N ₄ : an in-depth correlation between physico-chemical parameters and solar light photocatalysis. RSC Advances, 2018, 8, 39421-39431.	3.6	15
58	Ubiquitous Short-Range Distortion of Hybrid Perovskites and Hydrogen-Bonding Role: the MAPbCl ₃ Case. Journal of Physical Chemistry C, 2018, 122, 28265-28272.	3.1	21
59	Electrospun Alginate Fibers: Mixing of Two Different Poly(ethylene oxide) Grades to Improve Fiber Functional Properties. Nanomaterials, 2018, 8, 971.	4.1	25
60	Novel Physical Vapor Deposition Approach to Hybrid Perovskites: Growth of MAPbI ₃ Thin Films by RF-Magnetron Sputtering. Scientific Reports, 2018, 8, 15388.	3.3	30
61	Effects of Nearly 2D Oxygen Vacancy Clustering on the Magnetic Properties of d ⁰ Systems: The Case of Anatase and Rutile TiO ₂ . Physica Status Solidi (B): Basic Research, 2018, 255, 1800058.	1.5	1
62	High-Temperature Structural Evolution in the Ba ₃ Mo(1-x)W _x NbO _{8.5} System and Correlation with Ionic Transport Properties. Inorganic Chemistry, 2018, 57, 6746-6752.	4.0	19
63	Exploring the Limits of Three-Dimensional Perovskites: The Case of FAPb _{1-x} Sn _x Br ₃ . ACS Energy Letters, 2018, 3, 1353-1359.	17.4	31
64	Improved photocatalytic H ₂ production assisted by aqueous glucose biomass by oxidized g-C ₃ N ₄ . International Journal of Hydrogen Energy, 2018, 43, 14925-14933.	7.1	55
65	Electrospun Gelatin-Chondroitin Sulfate Scaffolds Loaded with Platelet Lysate Promote Immature Cardiomyocyte Proliferation. Polymers, 2018, 10, 208.	4.5	24
66	Facile and fast preparation of low-cost silica-supported graphitic carbon nitride for solid-phase extraction of fluoroquinolone drugs from environmental waters. Journal of Chromatography A, 2017, 1489, 9-17.	3.7	45
67	Wide band-gap tuning in Sn-based hybrid perovskites through cation replacement: the FA _{1-x} MA _x SnBr ₃ mixed system. Journal of Materials Chemistry A, 2017, 5, 9391-9395.	10.3	65
68	Halloysite and chitosan oligosaccharide nanocomposite for wound healing. Acta Biomaterialia, 2017, 57, 216-224.	8.3	125
69	Pressure-Induced Effects in Organic-Inorganic Hybrid Perovskites. Journal of Physical Chemistry Letters, 2017, 8, 2613-2622.	4.6	88
70	The FA _{1-x} MA _x PbI ₃ System: Correlations among Stoichiometry Control, Crystal Structure, Optical Properties, and Phase Stability. Journal of Physical Chemistry C, 2017, 121, 8746-8751.	3.1	27
71	Direct Evidence of Permanent Octahedra Distortion in MAPbBr ₃ Hybrid Perovskite. ACS Energy Letters, 2017, 2, 863-868.	17.4	32
72	g-C ₃ N ₄ -promoted degradation of ofloxacin antibiotic in natural waters under simulated sunlight. Environmental Science and Pollution Research, 2017, 24, 4153-4161.	5.3	27

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73	Chemistry at high pressure: Tuning functional materials properties. MRS Bulletin, 2017, 42, 718-723.	3.5	8
74	Locking of Methylammonium by Pressure-Enhanced H-Bonding in (CH ₃) ₃ NH ₃ PbBr ₃ Hybrid Perovskite. Journal of Physical Chemistry C, 2017, 121, 28125-28131.	3.1	35
75	Effect of pressure on optical properties of the transition metal dichalcogenide MoSe ₂ . Journal of Physics: Conference Series, 2017, 950, 042012.	0.4	6
76	Chemical Structures of Specific Sodium Ion Battery Components Determined by Operando Pair Distribution Function and X-Ray Diffraction Computed Tomography. Angewandte Chemie - International Edition, 2017, 56, 11385-11389.	13.8	54
77	Chitosan-coupled solid lipid nanoparticles: Tuning nanostructure and mucoadhesion. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 110, 13-18.	4.3	57
78	The effect of high pressure on the lattice structure and dynamics of phenacenes. Journal of Physics: Conference Series, 2017, 950, 042017.	0.4	3
79	High-pressure behavior of methylammonium lead iodide (MAPbI ₃) hybrid perovskite. Journal of Applied Physics, 2016, 119, .	2.5	78
80	FA _{0.8} MA _{0.2} Sn _x Pb _{1-x} I ₃ Hybrid Perovskite Solid Solution: Toward Environmentally Friendly, Stable, and Near-IR Absorbing Materials. Inorganic Chemistry, 2016, 55, 12752-12757.	4.0	11
81	Synthesis, structural and optical characterization of APbX ₃ (A=methylammonium, dimethylammonium,) Tj ETQq1 1 0.784314 rgBT /C 2016, 240, 55-60.	2.9	73
82	Short-Range Order of Methylammonium and Persistence of Distortion at the Local Scale in MAPbBr ₃ Hybrid Perovskite. Angewandte Chemie - International Edition, 2016, 55, 14320-14324.	13.8	42
83	Percolative metal-insulator transition in LaMnO_3 Physical Review B, 2016, 93, .	3.2	10
84	Pair distribution function analysis: The role of structural degrees of freedom in the high-pressure insulator to metal transition of VO_2 Physical Review B, 2016, 93, .	3.2	10
85	Short-Range Order of Methylammonium and Persistence of Distortion at the Local Scale in MAPbBr ₃ Hybrid Perovskite. Angewandte Chemie, 2016, 128, 14532-14536.	2.0	5
86	Structural Evolution of Solid Phenanthrene at High Pressures. Journal of Physical Chemistry C, 2016, 120, 14310-14316.	3.1	11
87	Platelet lysate and chondroitin sulfate loaded contact lenses to heal corneal lesions. International Journal of Pharmaceutics, 2016, 509, 188-196.	5.2	22
88	Correlation between Deposition Parameters and Hydrogen Production in CuO Nanostructured Thin Films. Langmuir, 2016, 32, 1510-1520.	3.5	28
89	Sponge-Like Dressings Based on the Association of Chitosan and Sericin for the Treatment of Chronic Skin Ulcers. II. Loading of the Hemoderivative Platelet Lysate. Journal of Pharmaceutical Sciences, 2016, 105, 1188-1195.	3.3	27
90	Nanoscale stabilization of the scheelite-type structure in La _{0.99} Ca _{0.01} NbO ₄ thin films. Nanoscale, 2015, 7, 2221-2224.	5.6	1

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91	Preparation of (substituted) picenes via solar light-induced Mallory photocyclization. RSC Advances, 2015, 5, 27470-27475.	3.6	12
92	Hyper-expanded interlayer separations in superconducting barium intercalates of FeSe. Chemical Communications, 2015, 51, 7112-7115.	4.1	24
93	Interstitial oxide ion migration in scheelite-type electrolytes: a combined neutron diffraction and computational study. Journal of Materials Chemistry A, 2015, 3, 22258-22265.	10.3	24
94	Recent advances in the application of total scattering methods to functional materials. Chemical Communications, 2015, 51, 16592-16604.	4.1	24
95	Origin of colossal magnetoresistance in LaMnO ₃ manganite. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10869-10872.	7.1	70
96	CH ₃ NH ₃ Sn _x Pb _{1-x} Br ₃ Hybrid Perovskite Solid Solution: Synthesis, Structure, and Optical Properties. Inorganic Chemistry, 2015, 54, 8893-8895.	4.0	55
97	Superconductivity in Sm-doped [n]phenacenes (n = 3, 4, 5). Chemical Communications, 2015, 51, 1092-1095.	4.1	44
98	Sunlight photodegradation of marbofloxacin and enrofloxacin adsorbed on clay minerals. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 299, 103-109.	3.9	27
99	Platelet lysate embedded scaffolds for skin regeneration. Expert Opinion on Drug Delivery, 2015, 12, 525-545.	5.0	39
100	Probing the electronic and local structural changes across the pressure-induced insulator-to-metal transition in VO ₂ . Europhysics Letters, 2014, 108, 36003.	2.0	14
101	Evidence for photo-induced monoclinic metallic VO ₂ under high pressure. Applied Physics Letters, 2014, 104, .	3.3	42
102	Chemical compatibility study of melilite-type gallate solid electrolyte with different cathode materials. Journal of Solid State Chemistry, 2014, 213, 287-292.	2.9	7
103	Superconductivity in metal-intercalated aromatic hydrocarbons. Journal of Materials Chemistry C, 2014, 2, 1577.	5.5	25
104	Correlation between the local scale structure and the electrochemical properties in lithium orthosilicate cathode materials. Journal of Materials Chemistry A, 2014, 2, 17867-17874.	10.3	6
105	Nature of conductivity in SrSiO ₃ -based fast ion conductors. Chemical Communications, 2014, 50, 14732-14735.	4.1	36
106	Ionic conductivity in melilite-type silicates. Journal of Materials Chemistry A, 2014, 2, 907-910.	10.3	20
107	Clay minerals for adsorption of veterinary FQs: Behavior and modeling. Journal of Environmental Chemical Engineering, 2014, 2, 738-744.	6.7	30
108	Electrochemical open circuit voltage (OCV) characterization of SOFC materials. Ionics, 2013, 19, 1135-1144.	2.4	66

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109	Combined experimental and computational study of the pressure dependence of the vibrational spectrum of solid picene $C_{22}H_{14}$. Physical Review B, 2013, 88, .	3.2	25
110	Wound dressings based on silver sulfadiazine solid lipid nanoparticles for tissue repairing. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 84-90.	4.3	88
111	Local Structure of Proton-Conducting Lanthanum Tungstate $La_{28}W_{4+}O_{54}$: a Combined Density Functional Theory and Pair Distribution Function Study. Chemistry of Materials, 2013, 25, 2378-2384.	6.7	25
112	High-Pressure Optical Properties and Chemical Stability of Picene. Journal of Physical Chemistry C, 2013, 117, 5343-5351.	3.1	32
113	Labeling interacting configurations through an analysis of excitation dynamics in a resonant photoemission experiment: the case of rutile TiO_2 . Journal of Physics Condensed Matter, 2013, 25, 075502.	1.8	11
114	Tracking competitive lattice distortions in strongly correlated VO_2 -based systems: A temperature-dependent EXAFS study. Europhysics Letters, 2013, 102, 66004.	2.0	15
115	Electrodynamics of $BaFe_2As_2$ from infrared measurements under pressure. Physical Review B, 2012, 85, .	3.2	10
116	Average versus local structure in K_2NiF_4 -type $LaSrAlO_4$: direct experimental evidence of local cationic ordering. Journal of Materials Chemistry, 2012, 22, 10488.	6.7	18
117	Insight into the local structure of barium indate oxide-ion conductors: An X-ray total scattering study. Dalton Transactions, 2012, 41, 50-53.	3.3	19
118	HOMO-LUMO transitions in solvated and crystalline picene. Journal of Chemical Physics, 2012, 137, 224506.	3.0	15
119	Anisotropic compression in the high-pressure regime of pure and chromium-doped vanadium dioxide. Physical Review B, 2012, 85, .	3.2	32
120	Vibrational spectrum of solid picene ($C_{22}H_{14}$). Journal of Physics Condensed Matter, 2012, 24, 252203.	1.8	4
121	Structure-properties correlations in Fe chalcogenide superconductors. Chemical Society Reviews, 2012, 41, 3897.	38.1	22
122	Interstitial oxygen in the Ga-based melilite ion conductor: A neutron total scattering study. International Journal of Hydrogen Energy, 2012, 37, 8073-8080.	7.1	21
123	Thermosensitive eyedrops containing platelet lysate for the treatment of corneal ulcers. International Journal of Pharmaceutics, 2012, 426, 1-6.	5.2	51
124	A Special Issue on Nanomaterials and Nanoscale Phenomena for Clean Energy Applications. Nanoscience and Nanotechnology Letters, 2012, 4, 117-117.	0.4	0
125	Local structure investigation of oxide ion and proton defects in Ge-apatites by pair distribution function analysis. Chemical Communications, 2011, 47, 250-252.	4.1	10
126	Total scattering investigation of materials for clean energy applications: The importance of the local structure. Dalton Transactions, 2011, 40, 3777.	3.3	23

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127	Pressure Effects in the Isoelectronic REFe _{0.85} Ir _{0.15} AsO System. Journal of the American Chemical Society, 2011, 133, 3252-3255.	13.7	10
128	Nanoscale phase separation in coated Ag nanoparticles. Nanoscale, 2011, 3, 4220.	5.6	4
129	Combined Neutron and Synchrotron X-ray Diffraction Investigation of the BaCe _{0.85-x} Zr _x Y _{0.15} O _{3-δ} (0.1 at% δ) $\delta = 0.7843$		
130	Platelet lysate formulations based on mucoadhesive polymers for the treatment of corneal lesions. Journal of Pharmacy and Pharmacology, 2011, 63, 189-198.	2.4	60
131	Local structural studies of Ba _{1-x} K _x Fe ₂ As ₂ using atomic pair distribution function analysis. Journal of Physics Condensed Matter, 2011, 23, 112202.	1.8	5
132	Platelet Lysate Mucoadhesive Formulation to Treat Oral Mucositis in Graft Versus Host Disease Patients: A New Therapeutic Approach. AAPS PharmSciTech, 2011, 12, 893-9.	3.3	41
133	Temperature-dependent local structure of NdFeAsO _{1-x} F _x system using arsenic K-edge extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2011, 23, 265701.	1.8	19
134	Local structural investigation of SmFeAsO _{1-x} F _x high temperature superconductors. Journal of Physics Condensed Matter, 2011, 23, 272201.	1.8	7
135	TiO ₂ thin films for spintronics application: a Raman study. Journal of Raman Spectroscopy, 2010, 41, 558-565.	2.5	74
136	Role of oxygen content on the magnetic properties of epitaxial anatase and rutile TiO ₂ thin films. Journal of Physics: Conference Series, 2010, 200, 072030.	0.4	2
137	Evidence for a monoclinic metallic phase in high-pressure VO ₂ . High Pressure Research, 2010, 30, 55-59.	1.2	12
138	Structural and physical properties of $\text{SmFe}_{1-x}\text{Co}_x\text{O}_{2-\delta}$		

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145	High-temperature neutron diffraction study of $\text{La}_{1-x}\text{Y}_x\text{O}_{3-\delta}$ proton conductor. Correlation between structure and transport pr. Physical Review B, 2010, 82, .	3.2	29
146	High pressure behavior of Ga-doped LaMnO_3 : a combined X-ray diffraction and optical spectroscopy study. Journal of Materials Chemistry, 2010, 20, 1304-1311.	6.7	20
147	Charge ordering driven metal-insulator transition in the layered cobaltite $\text{HoBaCo}_2\text{O}_7$. Physical Review B, 2009, 80, .	3.2	9
148	Pressure induced phase separation in optimally doped bilayer manganites. Applied Physics Letters, 2009, 94, .	3.3	10
149	Control of F-Doping in Pnictide High-Temperature Superconductors. Journal of the American Chemical Society, 2009, 131, 12044-12045.	13.7	17
150	In Situ Time-Resolved Neutron Diffraction Investigation during Oxygen Exchange in Layered Cobaltite Cathode Materials. Angewandte Chemie - International Edition, 2009, 48, 8539-8542.	13.8	2
151	Role of synthetic route on the transport properties of $\text{BaCe}_{1-x}\text{Y}_x\text{O}_3$ proton conductor. Journal of Alloys and Compounds, 2009, 470, 477-485.	5.5	66
152	Investigation of the high temperature structural behavior of $\text{La}_{0.99}\text{Ca}_{0.01}\text{NbO}_4$ proton conducting material. Journal of Alloys and Compounds, 2009, 475, L42-L45.	5.5	21
153	Local and average structures of the proton conducting Y-doped BaCeO_3 from neutron diffraction and neutron pair distribution function analysis. Journal of Applied Physics, 2009, 105, .	2.5	18
154	$\text{BaCe}_{1-x}\text{Zr}_x\text{Y}_y\text{O}_{3-\delta}$ Proton Conductors: The Role of the Synthetic Route on their Properties. ECS Transactions, 2008, 11, 89-96.	0.5	1
155	RF-Sputtering Deposition of Gadolinia Doped Ceria Films for IT-SOFCs Applications. ECS Transactions, 2008, 11, 113-119.	0.5	1
156	Lattice effects in cubic $\text{La}_2\text{Mo}_2\text{O}_9$: Effect of vacuum and correlation with transport properties. Journal of Solid State Chemistry, 2008, 181, 603-610.	2.9	26
157	New Insight into the Properties of Proton-Conducting Oxides from Neutron Total Scattering. ChemPhysChem, 2008, 9, 2309-2312.	2.1	3
158	Structure and magnetism of $\text{HoBaCo}_2\text{O}_{5+\delta}$ layered cobaltites with. Solid State Communications, 2008, 148, 87-90.	1.9	15
159	Mucoadhesive behaviour of emulsions containing polymeric emulsifier. European Journal of Pharmaceutical Sciences, 2008, 34, 226-235.	4.0	33
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