

Alejandro Varez

List of Publications by Year in descending order

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134
papers

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159358

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49
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139
all docs

139
docs citations

139
times ranked

2834
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of Constant Loss in Ionic Conductors. <i>Physical Review Letters</i> , 2001, 86, 1279-1282.	2.9	208
2	Influence of composition on the structure and conductivity of the fast ionic conductors $\text{La}_{2/3-x}\text{Li}_3\text{TiO}_3$ ($0.03 \leq x \leq 0.167$). <i>Solid State Ionics</i> , 2000, 134, 219-228.	1.3	162
3	Production of alumina parts by powder injection molding with a binder system based on high density polyethylene. <i>Journal of the European Ceramic Society</i> , 2008, 28, 763-771.	2.8	131
4	On the Location of Li^+ Cations in the Fast Li-Cation Conductor $\text{La}_{0.5}\text{Li}_{0.5}\text{TiO}_3$ Perovskite. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 619-621.	7.2	126
5	Influence of powder particle size distribution on rheological properties of 316L powder injection moulding feedstocks. <i>Powder Technology</i> , 2010, 200, 30-36.	2.1	108
6	Electrical conductivity relaxation and nuclear magnetic resonance of Li conducting $\text{Li}_{0.5}\text{La}_{0.5}\text{TiO}_3$. <i>Physical Review B</i> , 1996, 54, 184-189.	1.1	93
7	Li Mobility in the Orthorhombic $\text{Li}_{0.18}\text{La}_{0.61}\text{TiO}_3$ Perovskite Studied by NMR and Impedance Spectroscopies. <i>Chemistry of Materials</i> , 2000, 12, 1694-1701.	3.2	80
8	Microstructural Study of $\text{La}_{0.5}\text{Li}_{0.5}\text{TiO}_3$. <i>Journal of Solid State Chemistry</i> , 1995, 118, 78-83.	1.4	79
9	Percolation-Limited Ionic Diffusion in $\text{Li}_{0.5-x}\text{Na}_x\text{La}_{0.5}\text{TiO}_3$ Perovskites ($0 \leq x \leq 0.5$). <i>Chemistry of Materials</i> , 2002, 14, 5148-5152.	3.2	63
10	Electrochemical lithium intercalation in $\text{Li}_2\text{Ti}_3\text{O}_7$ -ramsdellite structure. <i>Materials Research Bulletin</i> , 1997, 32, 993-1001.	2.7	58
11	Evaluation of polyolefin-based macroporous separators for high temperature Li-ion batteries. <i>Electrochimica Acta</i> , 2016, 216, 68-78.	2.6	57
12	Ultra-thick battery electrodes for high gravimetric and volumetric energy density Li-ion batteries. <i>Journal of Power Sources</i> , 2019, 437, 226923.	4.0	57
13	Influence of Quenching Treatments on Structure and Conductivity of the $\text{Li}_3\text{La}_{2/3-x}\text{TiO}_3$ Series. <i>Chemistry of Materials</i> , 2003, 15, 225-232.	3.2	50
14	Design of industrially scalable microtubular solid oxide fuel cells based on an extruded support. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 5470-5476.	3.8	49
15	Thermal and mechanical characterization of injection moulded high density polyethylene/paraffin wax blends as phase change materials. <i>Renewable Energy</i> , 2014, 68, 140-145.	4.3	48
16	Cation miscibility in CeO_2 - ZrO_2 oxides with fluorite structure. A combined TEM, SAED and XRD Rietveld analysis. <i>Journal of Materials Chemistry</i> , 2006, 16, 4249-4256.	6.7	47
17	Structure of Fast Ion Conductors $\text{Li}_3\text{La}_{2/3-x}\text{TiO}_3$ Deduced from Powder Neutron Diffraction Experiments. <i>Chemistry of Materials</i> , 2005, 17, 2404-2412.	3.2	42
18	Magnetic properties of Mg-ferrite after milling process. <i>Journal of Materials Processing Technology</i> , 2003, 143-144, 470-474.	3.1	41

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19	High mass loading additive-free LiFePO ₄ cathodes with 500 Å thickness for high areal capacity Li-ion batteries. <i>Journal of Power Sources</i> , 2020, 458, 228033.	4.0	41
20	Structural Modifications Induced by High-Temperature Quenching Treatments in the Fast Ion Conductor Li _{0.18} La _{0.61} TiO ₃ : A Neutron Diffraction Study. <i>Chemistry of Materials</i> , 2003, 15, 4637-4641.	3.2	40
21	Development of new feedstock formulation based on high density polyethylene for MIM of M2 high speed steels. <i>Powder Metallurgy</i> , 2005, 48, 134-138.	0.9	40
22	Structural characterization of Ce _{1-x} Zr _x O ₂ (0 ≤ x ≤ 1) samples prepared at 1650 °C by solid state reaction. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3677-3682.	2.8	40
23	Structural changes produced during heating of the fast ion conductor Li _{0.18} La _{0.61} TiO ₃ . A neutron diffraction study. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1157-1164.	1.4	37
24	Non-Debye conductivity relaxation in the non-Arrhenius Li _{0.5} La _{0.5} TiO ₃ fast ionic conductor. A nuclear magnetic resonance and complex impedance study. <i>Journal of Non-Crystalline Solids</i> , 1998, 235-237, 753-760.	1.5	35
25	Synthesis and characterization of polysulfone/layered double hydroxides nanocomposite membranes for fuel cell application. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 4016-4022.	3.8	35
26	Synthesis and characterization of novel hybrid polysulfone/silica membranes doped with phosphomolybdic acid for fuel cell applications. <i>Journal of Membrane Science</i> , 2015, 492, 371-379.	4.1	35
27	Li ₃ La _{(2/3)-x} TiO ₃ fast ionic conductors.. <i>Journal of Non-Crystalline Solids</i> , 2002, 307-310, 992-998.	1.5	34
28	Electrochemical and structural characterization of sulfonated polysulfone. <i>Polymer Testing</i> , 2015, 45, 185-193.	2.3	34
29	Effect of residual carbon on the sintering process of M2 high speed steel parts obtained by a modified metal injection molding process. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2002, 33, 1843-1851.	1.1	33
30	Additive-free Li ₄ Ti ₅ O ₁₂ thick electrodes for Li-ion batteries with high electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5952-5961.	5.2	33
31	Sintering in different atmospheres of T15 and M2 high speed steels produced by a modified metal injection moulding process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 366, 318-324.	2.6	32
32	Li mobility in Li _{0.5-x} NaxLa _{0.5} TiO ₃ perovskites (0 ≤ x ≤ 0.5) Influence of structural and compositional parameters. <i>Solid State Ionics</i> , 2009, 180, 1362-1371.	1.3	32
33	Structural Study of Electrochemically Obtained Li _{2-x} Ti ₃ O ₇ . <i>Journal of Solid State Chemistry</i> , 2000, 153, 132-139.	1.4	31
34	Octahedral tilting and ordering of vacancies in the fast ion conductor Li _{0.12} La _{0.63} TiO ₃ perovskite: a neutron diffraction study. <i>Dalton Transactions RSC</i> , 2002, , 1406-1408.	2.3	31
35	Optimization of the Processing of 8YSZ Powder by Powder Injection Molding for SOFC Electrolytes. <i>International Journal of Applied Ceramic Technology</i> , 2008, 5, 574-581.	1.1	31
36	Mechanical grinding of Si ₃ N ₄ to be used as an electrode in lithium batteries. <i>Materials Letters</i> , 2003, 57, 3063-3069.	1.3	30

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37	Structural characterisation of ferroelectric Ag ₂ Nb ₄ O ₁₁ and dielectric Ag ₂ Ta ₄ O ₁₁ . Journal of Materials Chemistry, 2011, 21, 2715.	6.7	30
38	Development of sodium-conducting polymer electrolytes: comparison between film-casting and films obtained via green processes. Electrochimica Acta, 2016, 192, 456-466.	2.6	29
39	Powder injection moulding of premixed ferritic and austenitic stainless steel powders. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 3480-3488.	2.6	28
40	A novel α -phase of the family of Y ₂ Ba ₄ Cu _{6+n} O _{14+n} high-temperature superconducting materials. Physica C: Superconductivity and Its Applications, 1991, 172, 477-480.	0.6	26
41	Lithium dynamics and disorder effects in the Raman spectrum of La(2-x)/3LiTiO ₃ . Physical Review B, 2002, 66, .	1.1	26
42	The log(σ) vs. log(ω) derivative plot used to analyze the ac conductivity. Application to fast Li ⁺ ion conductors with perovskite structure. Solid State Ionics, 2012, 227, 113-118.	1.3	26
43	New electrode materials for lithium rechargeable batteries. Journal of Power Sources, 1999, 81-82, 85-89.	4.0	25
44	Mechanical properties and pitting corrosion behaviour of 316L stainless steel parts obtained by a modified metal injection moulding process. Journal of Materials Processing Technology, 2003, 143-144, 397-402.	3.1	24
45	Microstructure, magnetic and mechanical properties of Ni-Zn ferrites prepared by powder injection moulding. Powder Technology, 2011, 210, 29-35.	2.1	24
46	Multiblock copolymers of sulfonated PSU/PPSU Poly(ether sulfone)s as solid electrolytes for proton exchange membrane fuel cells. Electrochimica Acta, 2019, 302, 428-440.	2.6	24
47	Na ₃ Si ₂ Y _{0.16} Zr _{1.84} PO ₁₂ -ionic liquid hybrid electrolytes: An approach for realizing solid-state sodium-ion batteries?. Journal of Power Sources, 2018, 383, 157-163.	4.0	23
48	Processing of P/M T15 high speed steels by mould casting using thermosetting binders. Materials Chemistry and Physics, 2001, 67, 43-48.	2.0	22
49	Synthesis and characterization of sulfonated PEEK-WC-PES copolymers for fuel cell proton exchange membrane application. European Polymer Journal, 2017, 93, 390-402.	2.6	22
50	Fabrication of 8-YSZ thin-wall tubes by powder extrusion moulding for SOFC electrolytes. Ceramics International, 2009, 35, 2329-2335.	2.3	21
51	Polymorphism, structural characterisation and electrical properties of Na ₂ Nb ₄ O ₁₁ . Journal of Materials Chemistry, 2011, 21, 12096.	6.7	21
52	Development of sodium hybrid quasi-solid electrolytes based on porous NASICON and ionic liquids. Journal of the European Ceramic Society, 2021, 41, 7723-7733.	2.8	21
53	Lithium insertion in Ba ₂ YCu ₃ O _{7-y} . Solid State Ionics, 1990, 44, 73-80.	1.3	20
54	Influence of Vacancy Ordering on the Percolative Behavior of (Li _{1-x} Na _x) ₃ La _{2/3-y} TiO ₃ Perovskites. Journal of Physical Chemistry B, 2005, 109, 3262-3268.	1.2	20

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55	Metal injection moulding of HS12-1-5-5 high-speed steel using a PW-HDPE based binder. Journal of Materials Processing Technology, 2006, 175, 173-178.	3.1	20
56	A new proton-conducting Bi-carboxylate framework. Dalton Transactions, 2019, 48, 11181-11185.	1.6	20
57	On the Influence of the Vacancy Distribution on the Structure and Ionic Conductivity of A-Site-Deficient $\text{Li}_{1-x}\text{Sr}_x\text{La}_{2/3-x}\text{TiO}_3$ Perovskites. Inorganic Chemistry, 2012, 51, 5831-5838.	1.9	19
58	High-performance $\text{Ni}^{\delta}\text{YSZ}$ thin-walled microtubes for anode-supported solid oxide fuel cells obtained by powder extrusion moulding. RSC Advances, 2016, 6, 19007-19015.	1.7	19
59	Ionic conductivity of lithium inserted $\text{Ba}_2\text{YCu}_3\text{O}_{7-\delta}$. Solid State Communications, 1990, 76, 917-920.	0.9	17
60	Modified metal injection moulding process of 316L stainless steel powders using thermosetting binder. Powder Metallurgy, 2000, 43, 233-237.	0.9	17
61	Microstructural development of the $\text{La}_{0.5}\text{Li}_{0.5}\text{TiO}_3$ lithium ion conductor processed by the laser floating zone (LFZ) method. Journal of Materials Chemistry, 2001, 11, 125-130.	6.7	17
62	The role of Ce reduction in the segregation of metastable phases in the $\text{ZrO}_2\text{-CeO}_2$ system. Journal of the European Ceramic Society, 2012, 32, 689-696.	2.8	17
63	Structural characterisation and Li conductivity of $\text{Li}_{1/2-x}\text{Sr}_x\text{La}_{1/2-x}\text{TiO}_3$ ($0 \leq x \leq 0.5$) perovskites. Ceramics International, 2013, 39, 9619-9626.	2.3	17
64	Near constant loss regime in fast ionic conductors analyzed by impedance and NMR spectroscopies. Physical Chemistry Chemical Physics, 2014, 16, 15346-15354.	1.3	17
65	Opening the door to liquid-free polymer electrolytes for calcium batteries. Electrochimica Acta, 2020, 353, 136525.	2.6	17
66	Crossover of near-constant loss to ion hopping relaxation in ionically conducting materials: experimental evidences and theoretical interpretation. Journal of Non-Crystalline Solids, 2002, 305, 88-95.	1.5	16
67	Characterization of 430L porous supports obtained by powder extrusion moulding for their application in solid oxide fuel cells. Materials Characterization, 2013, 86, 108-115.	1.9	16
68	New amphiphilic semi-interpenetrating networks based on polysulfone for anion-exchange membrane fuel cells with improved alkaline and mechanical stabilities. Polymer, 2021, 226, 123824.	1.8	16
69	Structure and reaction with lithium of tetragonal pyrochlore-like compound $\text{Sm}_2\text{Ti}_2\text{O}_7$. Journal of Materials Processing Technology, 1999, 92-93, 529-533.	3.1	15
70	Structure and mechanical properties of HSS HS6-5-2- and HS12-1-5-5-type steel produced by modified powder injection moulding process. Journal of Materials Processing Technology, 2004, 157-158, 658-668.	3.1	15
71	Microstructural study of duplex stainless steels obtained by powder injection molding. Journal of Alloys and Compounds, 2014, 589, 314-321.	2.8	15
72	Fabrication methods and heat treatment conditions effect on tribological properties of high speed steels. Journal of Materials Processing Technology, 2004, 157-158, 324-330.	3.1	14

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73	Production of Alumina Microparts by Powder Injection Molding. International Journal of Applied Ceramic Technology, 2011, 8, 617-626.	1.1	14
74	Preparation and characterization of ammonium-functionalized polysulfone/Al ₂ O ₃ composite membranes. Journal of Materials Science, 2015, 50, 5893-5903.	1.7	14
75	Multiphase Transformations Controlled by Ostwald's Rule in Nanostructured Ce _{0.5} Zr _{0.5} O ₂ Powders Prepared by a Modified Pechini Route. Inorganic Chemistry, 2009, 48, 9693-9699.	1.9	13
76	Synthesis and characterization of benzimidazolium-functionalized polysulfones as anion-exchange membranes. Journal of Polymer Science Part A, 2015, 53, 2363-2373.	2.5	13
77	The structural consequences of the chemical reaction of YBa ₂ Cu ₃ O _{7-δ} with n-butyl lithium. Journal of Solid State Chemistry, 1991, 95, 388-396.	1.4	12
78	Influence of octahedral tilting and composition on electrical properties of the Li _{0.2} NaxLa _{0.6} TiO ₃ (0 ≤ x ≤ 0.2) series. Solid State Ionics, 2008, 179, 495-502.	1.3	12
79	Structural, morphology and luminescence study of Er ³⁺ -doped garnet-type Li ₅ La ₃ Nb ₂ O ₁₂ electrolytes as a potential new phosphor. Ceramics International, 2018, 44, 18969-18977.	2.3	11
80	Processing of P/M M2 high speed steels by mould casting using thermosetting binders. Journal of Materials Processing Technology, 2001, 119, 1-6.	3.1	10
81	Electrode characteristics of Li ₂ Ti ₃ O ₇ -ramsdellite processed by mechanical grinding. Journal of Materials Science, 2002, 37, 3981-3986.	1.7	10
82	Electrical and Magnetic Properties of NiZn Ferrite Prepared by Conventional and Solar Sintering. Journal of the American Ceramic Society, 2016, 99, 2327-2333.	1.9	10
83	Unravelling the complex nanostructure of La _{0.5} Li _{0.5} Sr ₂ TiO ₃ Li ionic conductors. Dalton Transactions, 2016, 45, 7148-7157.	1.6	10
84	Engineering the electrical and optical properties of graphene oxide via simultaneous alkali metal doping and thermal annealing. Journal of Materials Research and Technology, 2020, 9, 15824-15837.	2.6	10
85	Optimization of the Synthesis of Soft Magnetic Materials by Mechanochemical Process at Room Temperature. Materials Science Forum, 2003, 426-432, 4349-4354.	0.3	9
86	Metal Injection Moulding (MIM) of M2 High Speed Steel Using a Polyethylene Based Binder. Materials Science Forum, 2003, 426-432, 4361-4366.	0.3	9
87	Rhombohedral-cubic transition in Li _{0.2} Na _{0.3} La _{0.5} TiO ₃ perovskite. Journal of Solid State Chemistry, 2004, 177, 4665-4671.	1.4	9
88	Comparison of structure and properties of the HS12-1-5-5 type high-speed steel fabricated using the pressureless forming and PIM methods. Journal of Materials Processing Technology, 2005, 162-163, 230-235.	3.1	9
89	Humidity Related Low Temperature Conductivity Hysteresis of Ce _{1-x} Zr _x O ₂ (0 ≤ x ≤ 1). Ceramics Structural Disorder Relationship. Fuel Cells, 2011, 11, 642-653.		
90	Study of the densification, mechanical and magnetic properties of Ni-Zn ferrites sintered in a solar furnace. Ceramics International, 2015, 41, 6534-6541.	2.3	9

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91	Synthesis and characterization of new membranes based on sulfonated polysulfone/Zn,Al-heptamolibdate LDH. <i>Materials Letters</i> , 2015, 152, 125-127.	1.3	9
92	Aqueous and non-aqueous Li ⁺ /H ⁺ ion exchange in Li _{0.44} La _{0.52} TiO ₃ perovskite. <i>Advanced Powder Technology</i> , 2017, 28, 514-520.	2.0	9
93	Synthesis and Characterization of Novel Anion Exchange Membranes Based on Semi-Interpenetrating Networks of Functionalized Polysulfone: Effect of Ionic Crosslinking. <i>Polymers</i> , 2021, 13, 958.	2.0	9
94	Sulfonated Polysulfone/TiO ₂ (B) Nanowires Composite Membranes as Polymer Electrolytes in Fuel Cells. <i>Polymers</i> , 2021, 13, 2030.	2.0	9
95	Tape casting manufacturing of thick Li ₄ Ti ₅ O ₁₂ ceramic electrodes with high areal capacity for lithium-ion batteries. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1025-1032.	2.8	8
96	Structural details and lithium intercalation in the perovskite La _{0.5} Li _{0.5} TiO ₃ . <i>Phase Transitions</i> , 1996, 58, 111-120.	0.6	7
97	Interplay between humidity, temperature and electrical response of a conductivity sensor based on a La ₂ LiNbO ₆ double perovskite. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5430-5442.	5.2	7
98	Proton Conductive Zr-Phosphonate UPG-1Aminoacid Insertion as Proton Carrier Stabilizer. <i>Molecules</i> , 2020, 25, 3519.	1.7	7
99	Room temperature lithium reduction of La ₂ MO ₄ (M=Cu, Ni). <i>Solid State Ionics</i> , 1993, 63-65, 907-914.	1.3	6
100	Effect of quenching on structure and antiferroelectric instability of La _(2-x) Li _x TiO ₃ compounds: a Raman study. <i>Journal of the European Ceramic Society</i> , 2004, 24, 1135-1139.	2.8	6
101	Processing of Mn-Zn ferrites using mould casting with acrylic thermosetting binder. <i>Powder Metallurgy</i> , 2005, 48, 249-253.	0.9	6
102	Metal injection moulding of bronze using thermoplastic binder based on HDPE. <i>Powder Metallurgy</i> , 2007, 50, 184-188.	0.9	6
103	Effect of Residual Carbon on the Microstructure Evolution during the Sintering of M2 HSS Parts Shaping by Metal Injection Moulding Process. <i>Materials Science Forum</i> , 2007, 534-536, 353-356.	0.3	6
104	Sodium polymer electrolytes composed of sulfonated polysulfone and macromolecular/molecular solvents for Na-batteries. <i>Electrochimica Acta</i> , 2017, 245, 807-813.	2.6	6
105	Study of the La _{1/2+1/2x} Li _{1/2-1/2x} Ti _{1-x} Al _x O ₃ (0 ≤ x ≤ 1) solid solution. A new example of percolative system in fast ion conductors. <i>Journal of Alloys and Compounds</i> , 2017, 720, 460-465.	2.8	6
106	Non-woven polyaramid porous membranes as separators for Li-ion batteries?. <i>Electrochimica Acta</i> , 2021, 390, 138835.	2.6	6
107	Effect of Relaxations on the Conductivity of La _{1/2+1/2x} Li _{1/2-1/2x} Ti _{1-x} Al _x O ₃ Fast Ion Conductors. <i>Chemistry of Materials</i> , 2022, 34, 5484-5499.	2.0	6
108	Spectroscopy and Judd-Ofelt analysis of Er ³⁺ ions in Li ₅ La ₃ Nb ₂ O ₁₂ garnet-type ceramic powder. <i>Journal of Luminescence</i> , 2018, 202, 232-238.	1.5	5

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109	Interplay between Conductivity, Matrix Relaxations and Composition of Ca-Polyoxyethylene Polymer Electrolytes. <i>ChemElectroChem</i> , 2021, 8, 2459-2466.	1.7	5
110	Ion-Exchanged UPG-1 as Potential Electrolyte for Fuel Cells. <i>Inorganic Chemistry</i> , 2021, 60, 11803-11812.	1.9	5
111	On the motion of lithium in YBa ₂ Cu ₃ O ₇ lithiated materials. <i>Solid State Ionics</i> , 1993, 63-65, 518-522.	1.3	4
112	Powder extrusion moulding of 430L stainless steel thin tubes for porous metal supported SOFCs. <i>Powder Metallurgy</i> , 2011, 54, 103-107.	0.9	4
113	Reduction of Grain Boundary Resistance of La _{0.5} Li _{0.5} TiO ₃ by the Addition of Organic Polymers. <i>Nanomaterials</i> , 2021, 11, 61.	1.9	4
114	Influence of Percolation Effects on Lithium Intercalation into Li _[sub 0.5x] Na _[sub x] La _[sub 0.5] TiO _[sub 3] (0 ≤ x ≤ 0.5) Perovskites. <i>Journal of the Electrochemical Society</i> , 2005, 152, A2285.	1.3	3
115	Trade-off analysis of C ₁₂ A ₇ :e ⁺ deposition techniques applied to Low Work Function Tethers. <i>Acta Astronautica</i> , 2020, 177, 806-812.	1.7	3
116	Microstructural Changes in the Reduction of Pr-123 with Lithium. <i>Journal of Solid State Chemistry</i> , 1994, 111, 89-95.	1.4	2
117	Misinterpreting Aquinas. <i>Nature</i> , 1995, 373, 652-652.	13.7	2
118	Low temperature ac conductivity in the fast ionic conductor Li _{0.18} La _{0.61} TiO ₃ . <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 545-548.	2.8	2
119	Influence of Binders on the Structure and Properties of High Speed-Steel HS6-5-2 Type Fabricated Using Pressureless Forming and PIM Methods. <i>Materials Science Forum</i> , 2007, 534-536, 693-696.	0.3	2
120	Tratamiento mecanoquímico de la ferrita MgFe ₂ O ₄ . <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2000, 39, 277-280.	0.9	2
121	Caracterización estructural y espectroscópica de fibras cristalinas de Ce _{0.4} Zr _{0.6} O ₂ crecidas mediante el método de fusión zonal asistida por láser. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2008, 47, 165-170.	0.9	2
122	Layer Shape LiFePO ₄ Obtained by Powder Extrusion Molding as Solid Boosters for Ferro/Ferricyanide Catholyte in Semisolid Redox Flow Battery: Effect of Porosity and Shape. <i>Batteries and Supercaps</i> , 2022, 5, .	2.4	2
123	Ionic conductivity of chemically lithiated YBa ₂ Cu ₃ O ₇ : NMR and impedance spectroscopic studies. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 5477-5489.	0.7	1
124	Li mobility in (Li,Na) _y La _{0.66-y} /3TiO ₃ perovskites (0.09 ≤ y ≤ 0.5). A model system for the percolation theory.. <i>Materials Research Society Symposia Proceedings</i> , 2002, 756, 1.	0.1	1
125	Structure of Fast Ion Conductors Li _{3x} La _{2/3-x} TiO ₃ Deduced from Powder Neutron Diffraction Experiments.. <i>ChemInform</i> , 2005, 36, no.	0.1	1
126	Li motion mechanisms in (Li,Na) _{3x} La _{2/3-x} TiO ₃ (x = 0.067 and 0.167) series followed by ND, NMR and Impedance spectroscopy.. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1313, 70401.	0.1	1

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127	Porous Ni-YSZ planar anodes by powder extrusion moulding employing PMMA as pore former. Powder Metallurgy, 2016, 59, 281-287.	0.9	1
128	Lithium Insertion in La ₂ NiO _{4+y} . Materials Research Society Symposia Proceedings, 1990, 210, 467.	0.1	0
129	A new Li-conductor based on HTSC Pb ₂ Sr ₂ Y _{1-x} CaxCu ₃ O _{8+δ} . Solid State Ionics, 1993, 66, 225-230.	1.3	0
130	On the electrochemical reduction of YBa ₂ Cu ₃ O ₇ with lithium. Physica C: Superconductivity and Its Applications, 1994, 235-240, 387-388.	0.6	0
131	Structure and Properties of the Heat-Treated High-Speed Steel HS6-5-2 and HS12-1-5-5 Produced by Powder Injection Molding Process. Materials Science Forum, 2003, 437-438, 133-136.	0.3	0
132	Nanocrystalline functional materials and nanocomposites synthesis through aerosol routes. Hemijska Industrija, 2003, 57, 262-268.	0.3	0
133	Magnetic Properties of Ni-Ferrite Produced by High Energy Milling. Ceramic Transactions, 0, , 219-227.	0.1	0
134	MIXED CONDUCTORS OBTAINED BY CHEMICAL LITHIATION OF HTSC AND RELATED MATERIALS: AN OVERVIEW. , 1992, , 507-513.		0