

Flaviano Garcia-Alvarado

List of Publications by Year in descending order

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127
papers

2,671
citations

218677

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Lithium Intercalation Mechanism and Critical Role of Structural Water in Layered $\text{H}_{0.2}\text{V}_{0.3}\text{O}_{0.8}$ High-Capacity Cathode Material for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2022, 34, 694-705.	6.7	11
2	Deepening into the charge storage mechanisms and electrochemical performance of TiO_2 hollandite for sodium-ion batteries. <i>Electrochimica Acta</i> , 2022, 427, 140872.	5.2	0
3	Analysis of Performance Losses and Degradation Mechanism in Porous $\text{La}_{2-x}\text{NiTiO}_6$ -YSZ Electrodes. <i>Materials</i> , 2021, 14, 2819.	2.9	3
4	Understanding the high performance of nanosized rutile TiO_2 anode for lithium-ion batteries. <i>Journal of Power Sources</i> , 2021, 515, 230632.	7.8	23
5	Reduction of Grain Boundary Resistance of $\text{La}_{0.5}\text{Li}_{0.5}\text{TiO}_3$ by the Addition of Organic Polymers. <i>Nanomaterials</i> , 2021, 11, 61.	4.1	4
6	Carbon coating of air-sensitive insulating transition metal fluorides: An example study on Li_3FeF_6 high-performance cathode for lithium ion batteries. <i>Journal of Materials Science and Technology</i> , 2020, 55, 107-115.	10.7	6
7	Theoretical Description, Synthesis, and Structural Characterization of $\text{Li}_{0.33}\text{V}_2\text{O}_5$ and Its Fluorinated Derivative $\text{Li}_{0.33}\text{V}_2\text{O}_4\text{F}_{0.33}$: Influence of Oxygen Substitution by Fluorine on the Electrochemical Properties. <i>Inorganic Chemistry</i> , 2020, 59, 16361-16374.	4.0	5
8	Redox Chemistry and Reversible Structural Changes in Rhombohedral VO_2F Cathode during Li Intercalation. <i>Inorganic Chemistry</i> , 2020, 59, 10048-10058.	4.0	1
9	Unprecedented rock-salt ordering of A and B cations in the double perovskite $\text{Nd}_{2-x}\text{Ca}_x\text{MgTiO}_6$ and defect association. <i>Dalton Transactions</i> , 2019, 48, 13651-13661.	3.3	0
10	Novel Perovskite Materials for Thermal Water Splitting at Moderate Temperature. <i>ChemSusChem</i> , 2019, 12, 4029-4037.	6.8	9
11	Sodium insertion in high pressure V_2O_5 : A new high capacity cathode material for sodium ion batteries. <i>Journal of Power Sources</i> , 2019, 422, 42-48.	7.8	22
12	Comprehensive investigation of the lithium insertion mechanism of the $\text{Na}_2\text{Ti}_6\text{O}_{13}$ anode material for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 443-455.	10.3	16
13	Defect Chemistry, Electrical Properties, and Evaluation of New Oxides $\text{Sr}_2\text{CoNb}_{1-x}\text{Ti}_x\text{O}_6$ ($0 \leq x \leq 1$) as Cathode Materials for Solid Oxide Fuel Cells. <i>ChemSusChem</i> , 2017, 10, 2978-2989.	6.8	7
14	Effect of Internal Pressure and Temperature on Phase Transitions in Perovskite Oxides: The Case of the Solid Oxide Fuel Cell Cathode Materials of the $\text{La}_{2-x}\text{Sr}_x\text{CoTiO}_6$ Series. <i>Inorganic Chemistry</i> , 2016, 55, 12766-12774.	4.0	3
15	A-site order in rhombohedral perovskite-like oxides $\text{La}_{2-x}\text{Sr}_x\text{CoTiO}_6$ ($0.6 \leq x \leq 1.0$). <i>Journal of Applied Crystallography</i> , 2016, 49, 31-39.	4.5	3
16	Structural and Electrochemical Study of Vanadium-Doped TiO_2 Ramsdellite with Superior Lithium Storage Properties for Lithium-Ion Batteries. <i>ChemPhysChem</i> , 2016, 17, 1062-1069.	2.1	2
17	The A-cation deficient perovskite series $\text{La}_{2-x}\text{CoTiO}_6$ ($0 \leq x \leq 0.20$): new components for potential SOFC composite cathodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3386-3397.	10.3	21
18	The effect of ceramic synthesis conditions on the electrochemical properties of $\text{Li}_2\text{Ti}_3\text{O}_7$. <i>Journal of Materials Science</i> , 2016, 51, 4520-4529.	3.7	4

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19	Complex magnetic behaviour of $\text{Sr}_{2-x}\text{CoNb}_{1-x}\text{Ti}_x\text{O}_6$ (0 \leq x \leq 1). <i>Journal of Applied Crystallography</i> , 2014, 47, 745-754.	3.3	15
20	Synthesis and Characterization of $\text{NaNiF}_3 \cdot 3\text{H}_2\text{O}$: An Unusual Ordered Variant of the ReO_3 Type. <i>Inorganic Chemistry</i> , 2015, 54, 3172-3182.	4.0	8
21	VO_2F : a new transition metal oxyfluoride with high specific capacity for Li ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20508-20515.	10.3	26
22	Oxygen-participated electrochemistry of new lithium-rich layered oxides Li_3MRuO_5 (M = Mn, Fe). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3749-3760.	2.8	22
23	Structure evolution with Sr content of the perovskite-like materials $\text{La}_{2-x}\text{Sr}_x\text{CoTiO}_6$ (0 \leq x \leq 0.5). <i>Journal of Applied Crystallography</i> , 2014, 47, 745-754.	4.5	11
24	Characterization of $\text{La}_{2-x}\text{Sr}_x\text{CoTiO}_6$ (0.6 \leq x \leq 1.0) series as new cathodes of solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 5440-5450.	7.1	9
25	Hollandite-type TiO_2 : a new negative electrode material for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1825-1833.	10.3	88
26	Local structure and lithium mobility in intercalated $\text{Li}_3\text{Al}_x\text{Ti}_{2-x}(\text{PO}_4)_3$ NASICON type materials: a combined neutron diffraction and NMR study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18397-18405.	2.8	27
27	A-site sub-stoichiometry and oxygen vacancies as the origin of the electrical properties of $\text{Sr}_{2-x}\text{LuNb}_{1-x}\text{Ti}_x\text{O}_6$ perovskite-like materials. <i>Dalton Transactions</i> , 2014, 43, 14099-14108.	3.3	3
28	New rock salt-related oxides $\text{Li}_3\text{M}_2\text{RuO}_6$ (M=Co, Ni): Synthesis, structure, magnetism and electrochemistry. <i>Journal of Solid State Chemistry</i> , 2013, 203, 160-165.	2.9	13
29	Structural Factors That Enhance Lithium Mobility in Fast-Ion $\text{Li}_{1-x}\text{Ti}_{2-x}\text{Al}_x(\text{PO}_4)_3$ (0 \leq x \leq 0.4) Conductors Investigated by Neutron Diffraction in the Temperature Range 100-500 K. <i>Inorganic Chemistry</i> , 2013, 52, 9290-9296.	4.0	106
30	Li_3MRuO_5 (M = Co, Ni), new lithium-rich layered oxides related to LiCoO_2 : promising electrochemical performance for possible application as cathode materials in lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10686.	10.3	22
31	The intercalation chemistry of $\text{H}_2\text{V}_3\text{O}_8$ nanobelts synthesised by a green, fast and cost-effective procedure. <i>Journal of Power Sources</i> , 2013, 232, 173-180.	7.8	31
32	The role of the $\text{Co}^{2+}/\text{Co}^{3+}$ redox-pair in the properties of $\text{La}_{2-x}\text{Sr}_x\text{CoTiO}_6$ (0 \leq x \leq 0.5) perovskites as components for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2013, 227, 309-317.	7.8	15
33	A- and B-Site Ordering in the A-Cation-Deficient Perovskite Series $\text{La}_{2-x}\text{NiTi}_x\text{O}_6$ (0 \leq x \leq 0.20) and Evaluation as Potential Cathodes for Solid Oxide Fuel Cells. <i>Chemistry of Materials</i> , 2013, 25, 2484-2494.	6.7	41
34	Defect and dopant properties of the $\hat{1}\pm$ - and $\hat{1}^2$ -polymorphs of the Li_3FeF_6 lithium battery material. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6588.	10.3	12
35	On the Mechanism of Lithium Insertion into $\text{A}_2\text{Ti}_6\text{O}_{13}$ (A = Na, Li). <i>ECS Transactions</i> , 2012, 41, 195-206.	0.5	7
36	Full structural and electrochemical characterization of $\text{Li}_2\text{Ti}_6\text{O}_{13}$ as anode for Li-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2892.	2.8	24

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37	The role of the Eu ³⁺ /Eu ²⁺ redox-pair in the electrical properties of Sr ₂ EuNb _{1-x} Ti _x O ₆ oxides. Journal of Materials Chemistry, 2012, 22, 18033.	6.7	13
38	Driving Curie temperature towards room temperature in the half-metallic ferromagnet K ₂ Cr ₈ O ₁₆ by soft redox chemistry. Dalton Transactions, 2012, 41, 1840-1847.	3.3	6
39	H ₂ Ti ₆ O ₁₃ , a new protonated titanate prepared by Li ⁺ /H ⁺ ion exchange: synthesis, crystal structure and electrochemical Li insertion properties. RSC Advances, 2012, 2, 3530.	3.6	31
40	Insight into the channel ion distribution and influence on the lithium insertion properties of hexatitanates A ₂ Ti ₆ O ₁₃ (A = Na, Li, H) as candidates for anode materials in lithium-ion batteries. Dalton Transactions, 2012, 41, 14633.	3.3	44
41	Structural and electrochemical characterization of La _{2-x} Sr _x NiTiO ₆ . International Journal of Hydrogen Energy, 2012, 37, 7242-7251.	7.1	14
42	Reaching the full capacity of the electrode material Li ₃ FeF ₆ by decreasing the particle size to nanoscale. Journal of Power Sources, 2012, 197, 260-266.	7.8	26
43	Facile synthesis of \hat{I}^2 -Li ₃ VF ₆ : A new electrochemically active lithium insertion material. Journal of Power Sources, 2012, 207, 160-165.	7.8	21
44	Synthesis, structures and electrical transport properties of the La _{2-x} Sr _x NiTiO ₆ (0 ≤ x ≤ 0.5) perovskite series. Journal of Materials Chemistry, 2011, 21, 13195.	6.7	22
45	New perovskite materials of the La _{2-x} Sr _x CoTiO ₆ series. Dalton Transactions, 2011, 40, 7908.	3.3	30
46	Ionic mobility in Nasicon-type LiMIV ₂ (PO ₄) ₃ materials followed by ⁷ Li NMR spectroscopy. Materials Research Society Symposia Proceedings, 2011, 1313, 70501.	0.1	1
47	Synthesis, structure and electrochemical Li insertion behaviour of Li ₂ Ti ₆ O ₁₃ with the Na ₂ Ti ₆ O ₁₃ tunnel-structure. Journal of Power Sources, 2011, 196, 1378-1385.	7.8	35
48	A Structural and Electrochemical Study of Li ₂ Ti ₆ O ₁₃ . Materials Research Society Symposia Proceedings, 2011, 1313, 139001.	0.1	1
49	On the Electrochemical Properties of \hat{I}^{\pm} -Li ₃ FeF ₆ Prepared by Precipitation from Aqueous-Alcohol Based Solutions. Materials Research Society Symposia Proceedings, 2011, 1313, 70301.	0.1	1
50	A Comparative Study of \hat{I}^{\pm} - and \hat{I}^2 -Li ₃ FeF ₆ : Structure and Electrochemical Behavior. ECS Transactions, 2010, 25, 9-18.	0.5	8
51	On the room temperature synthesis of monoclinic Li ₃ FeF ₆ : A new cathode material for rechargeable lithium batteries. Journal of Power Sources, 2010, 195, 4990-4996.	7.8	42
52	New ramsdellites LiTi ₂ YVO ₄ (O ₁): Synthesis, structure, magnetic properties and electrochemical performances as electrode materials for lithium batteries. Journal of Solid State Chemistry, 2010, 183, 20-26.	2.9	10
53	A Comparative Study of \hat{I}^{\pm} - and \hat{I}^2 -Li ₃ FeF ₆ : Structure and Electrochemical Behavior. Journal of the Electrochemical Society, 2010, 157, A1002.	2.9	23
54	Characterization of Lithium Insertion into NASICON-Type Li _{1+x} Ti _{2-x} Al _x (PO ₃) _{Tj} ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	19

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55	Electrical conductivity of the oxygen-deficient rutile CrNbO_4 . <i>Solid State Sciences</i> , 2009, 11, 207-213.	3.2	14
56	Structural characterization and electrical properties of $\text{NiNb}_2\text{Ta}_x\text{O}_6$ ($0 \leq x \leq 2$) and some Ti-substituted derivatives. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1944-1949.	2.9	7
57	Insight into Ramsdellite $\text{Li}_2\text{Ti}_3\text{O}_7$ and Its Proton-Exchange Derivative. <i>Inorganic Chemistry</i> , 2009, 48, 7659-7666.	4.0	21
58	Proton and Deuteron Exchange in TTB-Like $\text{Na}_{1.2}\text{Nb}_{1.2}\text{W}_{0.8}\text{O}_6$: Structural Characterization and Spectroscopic Study. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 49-58.	2.0	9
59	Electrochemical performances of BiSbO_4 as electrode material for lithium batteries. <i>Journal of Power Sources</i> , 2008, 182, 365-369.	7.8	30
60	Synthesis, Structure and Electrochemical Lithium Intercalation Chemistry of Ramsdellite-Type LiCrTiO_4 . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 880-886.	1.2	14
61	Driving Electrons to Anti-Bonding States: On the Synthesis of New Niobium Cluster Chlorides by Electrochemical Lithium Intercalation. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1148, 1.	0.1	0
62	Thermodynamic Aspects of the Reaction of Lithium with SnP_2O_7 Based Positive Electrodes. <i>Journal of the Electrochemical Society</i> , 2007, 154, A217.	2.9	8
63	Effect of Ti-substitution on the Electrical Properties of MnNb_2O_6 . <i>Chemistry of Materials</i> , 2007, 19, 2310-2315.	6.7	16
64	Structural Characterization and NMR Study of NaNbWO_6 and Its Proton-Exchanged Derivatives. <i>Inorganic Chemistry</i> , 2007, 46, 5390-5397.	4.0	5
65	On the Synthesis of Ramsdellite LiTiMO_4 ($M = \text{Ti, V, Cr, Mn, Fe}$): An Experimental and Computational Study of the Spinel-Ramsdellite Transformation. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3375-3384.	2.0	17
66	Structural evolution of ramsdellite-type $\text{Li}_x\text{Ti}_2\text{O}_4$ upon electrochemical lithium insertion-deinsertion ($0 \leq x \leq 2$). <i>Journal of Power Sources</i> , 2007, 174, 421-427.	7.8	35
67	The effect of cationic disordering on the electrochemical performances of the layered nitrides LiWN_2 and $\text{Li}_{0.84}\text{W}_{1.16}\text{N}_2$. <i>Journal of the European Ceramic Society</i> , 2007, 27, 4199-4203.	5.7	1
68	On the Electrical Properties of Synthetic Manganocolumbite MnNb_2O_6 . <i>Chemistry of Materials</i> , 2006, 18, 3827-3834.	6.7	22
69	Electron energy loss spectroscopy analysis of lithium deintercalated $\text{Li}_{5/3}\text{Ti}_7/3\text{CrO}_7$. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1295-1298.	4.0	3
70	Novel olivine and spinel LiMASO_4 ($M = 3d\text{-metal}$) as positive electrode materials in lithium cells. <i>Solid State Ionics</i> , 2006, 177, 2625-2628.	2.7	21
71	Towards innovative electrode materials obtained by high-pressure: Experimental and computational study of HP-FePO_4 . <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1243-1247.	4.0	8
72	Improved electrode characteristics of olivine-type LiCoPO_4 processed by high energy milling. <i>Journal of Power Sources</i> , 2006, 160, 523-528.	7.8	95

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73	Synthesis and structure of olivine-like arsenates ($\text{Fe}_x\text{Co}_{1-x}$ and Ni) and their high-pressure spinel-like polymorphs. <i>Solid State Sciences</i> , 2006, 8, 952-957.	3.2	10
74	An Experimental and Computational Study of the Electrode Material Olivine- LiCoAsO_4 . <i>Journal of the Electrochemical Society</i> , 2006, 153, A673.	2.9	18
75	Electrochemical zinc insertion into W18O49 : Synthesis and characterization of new bronzes. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2998-3003.	2.9	13
76	Synthesis and Characterization of a H^+ Exchanged Zirconate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1991-1993.	1.2	7
77	Influence of Percolation Effects on Lithium Intercalation into $\text{Li}_{0.5-x}\text{Na}_x\text{La}_{0.5}\text{TiO}_3$ ($0 \leq x \leq 0.5$) Perovskites. <i>Journal of the Electrochemical Society</i> , 2005, 152, A2285.	2.9	3
78	Electrochemical Lithium Intercalation in Titanium Nitride Chloride. <i>Journal of the Electrochemical Society</i> , 2004, 151, A843.	2.9	7
79	New protonic solid electrolyte with tetragonal tungsten bronze structure obtained through ionic exchange. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2366-2372.	2.9	13
80	Mechanical grinding of Si_3N_4 to be used as an electrode in lithium batteries. <i>Materials Letters</i> , 2003, 57, 3063-3069.	2.6	30
81	Electrode characteristics of $\text{Li}_2\text{Ti}_3\text{O}_7$ -ramsdellite processed by mechanical grinding. <i>Journal of Materials Science</i> , 2002, 37, 3981-3986.	3.7	10
82	La transformaci3n espinela-ramsdelita: una nueva ruta de obtenci3n de materiales para bater3as recargables de litio. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2002, 41, 385-392.	1.9	2
83	Influence of the Structure on the Electrochemical Performance of Lithium Transition Metal Phosphates as Cathodic Materials in Rechargeable Lithium Batteries: A New High-Pressure Form of LiMPO_4 (M = Fe and Ni). <i>Chemistry of Materials</i> , 2001, 13, 1570-1576.	6.7	184
84	Electrochemical lithium insertion in TiO_2 with the ramsdellite structure. <i>Journal of Power Sources</i> , 2001, 92, 221-227.	7.8	96
85	Sodium Ordering in $\text{Na}_x\text{W18O49}$. <i>Journal of Solid State Chemistry</i> , 2000, 151, 220-224.	2.9	7
86	Structural Study of Electrochemically Obtained $\text{Li}_2+x\text{Ti}_3\text{O}_7$. <i>Journal of Solid State Chemistry</i> , 2000, 153, 132-139.	2.9	31
87	Caracterizaci3n estructural y electroqu3mica de materiales 3tiles como electrodo en bater3as recargables de litio. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2000, 39, 239-243.	1.9	0
88	Structure and reaction with lithium of tetragonal pyrochlore-like compound $\text{Sm}_2\text{Ti}_2\text{O}_7$. <i>Journal of Materials Processing Technology</i> , 1999, 92-93, 529-533.	6.3	15
89	New electrode materials for lithium rechargeable batteries. <i>Journal of Power Sources</i> , 1999, 81-82, 85-89.	7.8	25
90	From $\text{Bi}_4\text{V}_2\text{O}_{11}$ to $\text{Li}_{28}\text{Bi}_4\text{V}_2\text{O}_{11}$ by electrochemical lithium insertion:. <i>Solid State Sciences</i> , 1999, 1, 83-86.	0.7	9

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91	Lithium intercalation in $K_xTi_8O_{16}$ compounds. Solid State Sciences, 1999, 1, 117-121.	0.7	17
92	Characterisation of the system $Li\text{-}Na_{0.90}Fe_{0.90}Ti_{1.10}O_4$ by electrochemical techniques. Solid State Sciences, 1999, 1, 357-360.	0.7	0
93	Study of the Conductivity of $Nax\text{-}FeTi_2\text{-}xO_4$ ($x=0.875, 0\leq x\leq 0.40$). Journal of Solid State Chemistry, 1998, 137, 168-173.	2.9	5
94	Lithium insertion in $Bi_4V_2O_{11}$: Study of the $Li_xBi_4V_2O_{11}$ ($0<x<12$) phases. Molecular Crystals and Liquid Crystals, 1998, 311, 31-36.	0.3	4
95	Formation of new tungsten bronzes: electrochemical zinc insertion in WO_3 . Journal of Materials Chemistry, 1998, 8, 1805-1807.	6.7	19
96	Electrochemical lithium intercalation in $Li_2Ti_3O_7$ -ramsdellite structure. Materials Research Bulletin, 1997, 32, 993-1001.	5.2	58
97	Microstructural Study of the Li-Ion Substituted Perovskites $Li_{0.5}\text{-}3xNd_{0.5+x}TiO_3$. Journal of Solid State Chemistry, 1997, 128, 97-101.	2.9	32
98	Topotactic Oxidation of the Quadruple-Rutile-Type Chain Structure $Na_{0.875}Fe_{0.875}Ti_{1.125}O_4$. Journal of Solid State Chemistry, 1997, 130, 184-191.	2.9	3
99	Synthesis and characterization of h-MgWO and MgWO and their intercalation with lithium. Solid State Ionics, 1996, 84, 181-188.	2.7	12
100	Structural effects of sodium extraction on $NaxFexTi_2\text{-}xO_4$ single crystals. Solid State Ionics, 1996, 86-88, 811-818.	2.7	10
101	$Bi_4V_2O_{11}$ and related compounds as positive electrode materials for lithium rechargeable batteries. Solid State Ionics, 1996, 91, 273-278.	2.7	20
102	Structural details and lithium intercalation in the perovskite $La_{0.5}\text{-}Li_{0.5}\text{-}TiO_3$. Phase Transitions, 1996, 58, 111-120.	1.3	7
103	Microstructural Study of $La_{0.5}Li_{0.5}TiO_3$. Journal of Solid State Chemistry, 1995, 118, 78-83.	2.9	79
104	Lithium in W_18O_{49} : synthesis and characterization of novel phases. Journal of Materials Chemistry, 1995, 5, 513-516.	6.7	14
105	On the electrochemical reduction of $YBa_2Cu_3O_7$ with lithium. Physica C: Superconductivity and Its Applications, 1994, 235-240, 387-388.	1.2	0
106	Lithium intercalation in $Ag_2V_4O_{11}$. Solid State Ionics, 1994, 73, 247-254.	2.7	32
107	New vanadium bronzes MyV_2O_5 ($M=Cu$ or Ag ; $0<y<0.85$): Structure and lithium intercalation. Solid State Ionics, 1993, 63-65, 401-406.	2.7	12
108	Synthesis and Electrochemical Study of New Copper Vanadium Bronzes and of Two New Polymorphs: $\beta\text{-}Cu_2V_2O_5$ and $\mu\text{-}Cu_2V_2O_5$. Journal of the Electrochemical Society, 1992, 139, 32	2.9	43

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109	The modulation of the monoclinic $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ phase. <i>Journal of Solid State Chemistry</i> , 1992, 98, 245-251.	2.9	6
110	Thermoelectric study of $\text{Pb}_x\text{Bi}_{2-x}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ superconductors. <i>Solid State Communications</i> , 1991, 77, 437-439.	1.9	8
111	Localization effects in the superconducting $\text{Bi}_{1-x}\text{Sr}_x\text{Cu}_{1-y}\text{O}$ system. <i>Solid State Communications</i> , 1991, 80, 697-700.	1.9	1
112	Thermoelectric power in lead-doped polycrystalline BiSrCaCuO superconductors. <i>Superconductor Science and Technology</i> , 1991, 4, S292-S294.	3.5	15
113	A systematic study of $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ phases ($0 \leq x \leq 2$). <i>Materials Research Bulletin</i> , 1990, 25, 223-229.	5.2	6
114	A structural study of Ni-substituted $\text{Pb}_2\text{Sr}_2\text{Cu}_3\text{O}_8$. <i>Physica C: Superconductivity and Its Applications</i> , 1990, 165, 499-504.	1.2	2
115	$\text{Pb}_2\text{Sr}_{2-1-x}\text{Ca}_x\text{Cu}_3\text{O}_8$: Raman and far infrared investigation. <i>Solid State Communications</i> , 1989, 69, 857-865.	1.9	16
116	Superconducting energy gap and phonon spectra in $\text{MBa}_2\text{Cu}_3\text{O}_7$ type materials. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 663-664.	1.2	2
117	New materials derived from the BPB superconductor. <i>Solid State Ionics</i> , 1988, 26, 156.	2.7	0
118	Excess electrical conductivity in polycrystalline Bi-Ca-Sr-Cu-O compounds and thermodynamic fluctuations of the amplitude of the superconducting order parameter. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 156, 807-816.	1.2	82
119	Rounding effects on electrical resistivity above T_c in high temperature superconductors and thermodynamic fluctuations. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 1371-1372.	1.2	8
120	The rare-earth H.T.S.C. family $\text{Ba}_2(\text{RE})\text{Cu}_3\text{O}_7$; structural, electrical and magnetic studies (RE=Y,Nd,Sm,Eu,Gd,Dy,Ho,Er,Tm). <i>Materials Research Bulletin</i> , 1988, 23, 313-321.	5.2	27
121	Excess electrical conductivity above T_c in high-temperature superconductors, and thermal fluctuations. <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, L599-L606.	1.5	40
122	AC and DC electrical resistivity measurements in $\text{Ba}_2\text{HoCu}_3\text{O}_7$ compounds. <i>Journal Physics D: Applied Physics</i> , 1988, 21, 378-381.	2.8	15
123	Raman scattering in the high T_c superconductors $\text{MBa}_2\text{Cu}_3\text{O}_7-x$. <i>Solid State Communications</i> , 1987, 63, 839-841.	1.9	53
124	A new high temperature superconductor: $\text{Ba}_2\text{SmCu}_3\text{O}_9$. <i>Solid State Communications</i> , 1987, 63, 507-510.	1.9	32
125	Magnetic properties of $\text{Ba}_2\text{SmCu}_3\text{O}_9$ high T_c superconductor. <i>Solid State Communications</i> , 1987, 64, 707-710.	1.9	13
126	Infrared and Raman spectra of the $\text{MBa}_2\text{Cu}_3\text{O}_7$ -type high- T_c superconductors. <i>Solid State Communications</i> , 1987, 64, 727-732.	1.9	110

#	ARTICLE	IF	CITATIONS
127	Temperature dependence of the Raman and infrared phonons of MBa ₂ Cu ₃ O _{7-δ} -type superconductors. Solid State Communications, 1987, 64, 477-481.	1.9	87