

Jose Gonzalez-Calbet

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5497650/jose-gonzalez-calbet-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

370
papers

10,646
citations

47
h-index

87
g-index

390
ext. papers

11,490
ext. citations

4.9
avg, IF

6.12
L-index

#	Paper	IF	Citations
370	Polyelectrolyte-Coated Mesoporous Bioactive Glasses via Layer-by-Layer Deposition for Sustained Co-Delivery of Therapeutic Ions and Drugs. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
369	Exceptional Low-Temperature CO Oxidation over Noble-Metal-Free Iron-Doped Hollandites: An In-Depth Analysis of the Influence of the Defect Structure on Catalytic Performance.. <i>ACS Catalysis</i> , 2021 , 11, 15026-15039	13.1	0
368	Novel insights into the magnetic behavior of non-stoichiometric LaMnO ₃ + δ nanoparticles. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10361-10371	7.1	2
367	Sr-Containing Mesoporous Bioactive Glasses Bio-Functionalized with Recombinant ICOS-Fc: An In Vitro Study. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
366	A shelf-life study of silica- and carbon-based mesoporous materials. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 101, 205-213	6.3	2
365	Evaluation of the Nanodomain Structure in In-Zn-O Transparent Conductors. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
364	Unambiguous localization of titanium and iron cations in doped manganese hollandite nanowires. <i>Chemical Communications</i> , 2020 , 56, 4812-4815	5.8	2
363	Influence of Cation Substitution on the Complex Structure and Luminescent Properties of the ZnIn ₂ O ₄ + δ System. <i>Chemistry of Materials</i> , 2020 , 32, 6176-6185	9.6	2
362	New insights into the luminescence properties of a Na stabilized Ga ^{III} oxide homologous series. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2725-2731	7.1	1
361	Antioxidant mesoporous Ce-doped bioactive glass nanoparticles with anti-inflammatory and pro-osteogenic activities. <i>Materials Today Bio</i> , 2020 , 5, 100041	9.9	25
360	Silicon-Based Photonic Architectures from Hierarchically Porous Carbon Opals. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 1900396	3.1	1
359	Hydroxyapatites as Versatile Inorganic Hosts of Unusual Pentavalent Manganese Cations. <i>Chemistry of Materials</i> , 2020 , 32, 10584-10593	9.6	1
358	Influence of Doping and Controlled Sn Charge State on the Properties and Performance of SnO ₂ Nanoparticles as Anodes in Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 18490-18501	3.8	9
357	Multifunctional Copper-Containing Mesoporous Glass Nanoparticles as Antibacterial and Proangiogenic Agents for Chronic Wounds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 246	5.8	14
356	Complex structural ordering of the oxygen deficiency in LaCaMnO Ruddlesden-Popper phases. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019 , 75, 644-651	1.7	
355	Injectable Thermosensitive Formulation Based on Polyurethane Hydrogel/Mesoporous Glasses for Sustained Co-Delivery of Functional Ions and Drugs. <i>Pharmaceutics</i> , 2019 , 11,	6.4	24
354	Magnon-mediated magnetoresistance in layered manganites. <i>Physical Review B</i> , 2019 , 99,	3.3	2

353	Structure and electrochromism of two-dimensional octahedral molecular sieve hMWO. <i>Nature Communications</i> , 2019 , 10, 327	17.4	48
352	Controlled synthesis of lithium doped tin dioxide nanoparticles by a polymeric precursor method and analysis of the resulting defect structure. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6299-6308	13	18
351	Novel multifunctional strontium-copper co-substituted mesoporous bioactive particles. <i>Materials Letters</i> , 2018 , 223, 37-40	3.3	9
350	Multicationic Sr ₄ Mn ₃ O ₁₀ mesostructures: molten salt synthesis, analytical electron microscopy study and reactivity. <i>Materials Horizons</i> , 2018 , 5, 480-485	14.4	4
349	The Incorporation of Strontium to Improve Bone-Regeneration Ability of Mesoporous Bioactive Glasses. <i>Materials</i> , 2018 , 11,	3.5	39
348	Nickel-Doped Sodium Cobaltite 2D Nanomaterials: Synthesis and Electrocatalytic Properties. <i>Chemistry of Materials</i> , 2018 , 30, 4986-4994	9.6	11
347	Production and Physicochemical Characterization of Cu-Doped Silicate Bioceramic Scaffolds. <i>Materials</i> , 2018 , 11,	3.5	17
346	Copper-containing mesoporous bioactive glass nanoparticles as multifunctional agent for bone regeneration. <i>Acta Biomaterialia</i> , 2017 , 55, 493-504	10.8	158
345	Effect of lithium doping and precursors on the microstructural, surface electronic and luminescence properties of single crystalline microtubular tin oxide structures. <i>CrystEngComm</i> , 2017 , 19, 4321-4329	3.3	7
344	Atomically Resolved Short-Range Order at the Nanoscale in the Ca-Mn-O System. <i>Inorganic Chemistry</i> , 2017 , 56, 11753-11761	5.1	3
343	Critical Influence of Redox Pretreatments on the CO Oxidation Activity of BaFeO ₃ Perovskites: An in-Depth Atomic-Scale Analysis by Aberration-Corrected and in Situ Diffraction Techniques. <i>ACS Catalysis</i> , 2017 , 7, 8653-8663	13.1	10
342	Micro-CT based finite element models for elastic properties of glass-ceramic scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 65, 248-255	4.1	19
341	Composite Biomaterials Based on Sol-Gel Mesoporous Silicate Glasses: A Review. <i>Bioengineering</i> , 2017 , 4,	5.3	25
340	Topotactic reduction in SrMnO ₃ nanoparticles followed by atomically-resolved microscopy 2016 , 137-138		
339	Novel bioceramic-reinforced hydrogel for alveolar bone regeneration. <i>Acta Biomaterialia</i> , 2016 , 44, 97-100.8	10.8	45
338	Influence of composition, strain, and electric field anisotropy on different emission colors and recombination dynamics from InGa _N nanodisks in pencil-like Ga _N nanowires. <i>Physical Review B</i> , 2016 , 93,	3.3	18
337	Perpendicular magnetic anisotropy in granular multilayers of CoPd alloyed nanoparticles. <i>Physical Review B</i> , 2016 , 93,	3.3	10
336	Structural and magnetic properties of granular CoPd multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 400, 248-252	2.8	7

335	High resolution transmission electron microscopy: A key tool to understand drug release from mesoporous matrices. <i>Microporous and Mesoporous Materials</i> , 2016 , 225, 399-410	5.3	16
334	Experimental Evidence of the Origin of Nanophase Separation in Low Hole-Doped Colossal Magnetoresistant Manganites. <i>Nano Letters</i> , 2016 , 16, 760-5	11.5	2
333	Accommodation of oxygen deficiency in La _{0.5} Ca _{2.5} Mn ₂ O _{7-d} and LaSr ₂ Mn ₂ O _{7-d} Ruddlesden-Popper Manganites 2016 , 1098-1099		
332	Bioactive glass-based materials with hierarchical porosity for medical applications: Review of recent advances. <i>Acta Biomaterialia</i> , 2016 , 42, 18-32	10.8	176
331	Antibacterial Bioglass-Derived Scaffolds: Innovative Synthesis Approach and Characterization. <i>International Journal of Applied Glass Science</i> , 2016 , 7, 238-247	1.8	23
330	Improving optical performance of GaN nanowires grown by selective area growth homoepitaxy: Influence of substrate and nanowire dimensions. <i>Applied Physics Letters</i> , 2016 , 108, 253109	3.4	17
329	SrMnO ₃ Thermochromic Behavior Governed by Size-Dependent Structural Distortions. <i>Inorganic Chemistry</i> , 2016 , 55, 3980-91	5.1	9
328	Engineered porous scaffolds for periprosthetic infection prevention. <i>Materials Science and Engineering C</i> , 2016 , 68, 701-715	8.3	25
327	Chlorine Insertion Promoting Iron Reduction in Ba-Fe Hexagonal Perovskites: Effect on the Structural and Magnetic Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 6261-70	5.1	2
326	Short range order fluctuations and itinerant ferromagnetism in Ni ₃ Al. <i>Solid State Communications</i> , 2015 , 201, 111-114	1.6	2
325	Wollastonite-containing bioceramic coatings on alumina substrates: Design considerations and mechanical modelling. <i>Ceramics International</i> , 2015 , 41, 11464-11470	5.1	18
324	Ordered arrays of InGaN/GaN dot-in-a-wire nanostructures as single photon emitters 2015 ,		10
323	Understanding Internal Mechanisms To Obtain Nanomanganites by Hydrothermal Synthesis: The Particular Case of 4H-SrMnO ₃ . <i>Crystal Growth and Design</i> , 2015 , 15, 2192-2203	3.5	4
322	Environmental Conditions for Akaganeite Formation in Marine Atmosphere Mild Steel Corrosion Products and Its Characterization. <i>Corrosion</i> , 2015 , 71, 872-886	1.8	36
321	Blue-to-green single photons from InGaN/GaN dot-in-a-nanowire ordered arrays. <i>Europhysics Letters</i> , 2015 , 111, 24001	1.6	23
320	Rust exfoliation on carbon steels in chloride-rich atmospheres. <i>Corrosion Reviews</i> , 2015 , 33, 263-282	3.2	25
319	Atomic-resolution studies of epitaxial strain release mechanisms in La _{1.85} Sr _{0.15} CuO ₄ /La _{0.67} Ca _{0.33} MnO ₃ superlattices. <i>Physical Review B</i> , 2015 , 91,	3.3	1
318	Trabecular coating on curved alumina substrates using a novel bioactive and strong glass-ceramic. <i>Biomedical Glasses</i> , 2015 , 1,	2.7	6

317	Uniform Surface Modification of 3D Bioglass(β)-Based Scaffolds with Mesoporous Silica Particles (MCM-41) for Enhancing Drug Delivery Capability. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 177	5.8	25
316	Bioceramics and Scaffolds: A Winning Combination for Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 202	5.8	161
315	Laser-Induced Anatase-to-Rutile Transition in TiO ₂ Nanoparticles: Promotion and Inhibition Effects by Fe and Al Doping and Achievement of Micropatterning. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 11965-11974	3.8	35
314	A unified in vitro evaluation for apatite-forming ability of bioactive glasses and their variants. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 115	4.5	203
313	Crystallographically uniform arrays of ordered (In)GaN nanocolumns. <i>Journal of Applied Physics</i> , 2015 , 117, 035301	2.5	18
312	Outstanding Atomic Order in RuddlesdenPopper Oxide Microcrystals. <i>Chemistry of Materials</i> , 2015 , 27, 1397-1404	9.6	8
311	Biomaterials for orbital implants and ocular prostheses: overview and future prospects. <i>Acta Biomaterialia</i> , 2014 , 10, 1064-87	10.8	62
310	X-Ray Powder Diffraction as a Tool to Investigate the Ultrastructure of Nanoparticles. <i>Russian Physics Journal</i> , 2014 , 56, 1111-1115	0.7	4
309	The dissolution and biological effects of silver nanoparticles in biological media. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1634-1643	7.3	257
308	Hybrid Enzyme-Polymeric Capsules/Mesoporous Silica Nanodevice for In Situ Cytotoxic Agent Generation. <i>Advanced Functional Materials</i> , 2014 , 24, 4625-4633	15.6	42
307	Mechanical properties and reliability of glass/ceramic foam scaffolds for bone repair. <i>Materials Letters</i> , 2014 , 118, 27-30	3.3	63
306	Modelling of the strength/porosity relationship in glass-ceramic foam scaffolds for bone repair. <i>Journal of the European Ceramic Society</i> , 2014 , 34, 2663-2673	6	49
305	Influence of Fe and Al doping on the stabilization of the anatase phase in TiO ₂ nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10377-10385	7.1	56
304	The controlled transition-metal doping of SnO ₂ nanoparticles with tunable luminescence. <i>CrystEngComm</i> , 2014 , 16, 2969	3.3	15
303	A novel zwitterionic bioceramic with dual antibacterial capability. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 5639-5651	7.3	42
302	Key role of the expression of bone morphogenetic proteins in increasing the osteogenic activity of osteoblast-like cells exposed to shock waves and seeded on bioactive glass-ceramic scaffolds for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2014 , 29, 728-36	2.9	17
301	Bioceramics in ophthalmology. <i>Acta Biomaterialia</i> , 2014 , 10, 3372-97	10.8	36
300	Chemical analysis at atomic resolution of isolated extended defects in an oxygen-deficient, complex manganese perovskite. <i>Chemistry - A European Journal</i> , 2014 , 20, 1237-41	4.8	1

299	Structural and magnetic properties of granular Co-Pt multilayers with perpendicular magnetic anisotropy. <i>Physical Review B</i> , 2014 , 90,	3.3	18
298	Unexpected ferromagnetic ordering enhancement with crystallite size growth observed in La _{0.5} Ca _{0.5} MnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2014 , 116, 113901	2.5	22
297	Composite bone cements loaded with a bioactive and ferrimagnetic glass-ceramic. Part I: Morphological, mechanical and calorimetric characterization. <i>Journal of Biomaterials Applications</i> , 2014 , 29, 254-267	2.9	26
296	Epitaxial growth of luminescent Sn-Cr doped β -Ga ₂ O ₃ nanowires. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1707, 44		
295	Structure and magnetic properties of 4H-SrMnO ₃ (δ =0.0 and 0.18) nanoparticles synthesized by thermal decomposition of appropriate precursor. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1708, 25		
294	Light-emitting-diodes based on ordered InGaN nanocolumns emitting in the blue, green and yellow spectral range. <i>Nanotechnology</i> , 2014 , 25, 435203	3.4	18
293	Synthesis of 4H-SrMnO ₃ Nanoparticles from a Molecular Precursor and Their Topotactic Reduction Pathway Identified at Atomic Scale. <i>Chemistry of Materials</i> , 2014 , 26, 2256-2265	9.6	9
292	Magnetoresistance and Ferromagnetism in Disordered LaCu _{0.5} Mn _{0.5} O ₃ Perovskite. <i>Chemistry of Materials</i> , 2013 , 25, 2100-2108	9.6	9
291	Cobalt phosphate-modified barium-doped tantalum nitride nanorod photoanode with 1.5% solar energy conversion efficiency. <i>Nature Communications</i> , 2013 , 4, 2566	17.4	279
290	Magnetism in nanoparticles: tuning properties with coatings. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 484006	1.8	38
289	Surprising resistivity decrease in manganites with constant electronic density. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 484002	1.8	1
288	Influence of Sn and Cr Doping on Morphology and Luminescence of Thermally Grown Ga ₂ O ₃ Nanowires. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3036-3045	3.8	52
287	Direct Atomic Observation in Powdered 4H-Ba _{0.8} Sr _{0.2} Mn _{0.4} Fe _{0.6} O _{2.7} . <i>Chemistry of Materials</i> , 2013 , 25, 548-554	9.6	3
286	Relationship between the Magnetic Properties and the Formation of a ZnS/ZnO Interface in S-Capped ZnO Nanoparticles and ZnS/ZnO Thin Films. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12199-12209	3.8	13
285	Cr doped titania microtubes and microrods synthesized by a vapor-solid method. <i>CrystEngComm</i> , 2013 , 15, 5490	3.3	13
284	Room-Temperature Ferromagnetism in Reduced Rutile TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2171-2176	6.4	48
283	Effects of Transition Metal Doping on the Growth and Properties of Rutile TiO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 1941-1947	3.8	36
282	Local Structure of Rare Earth Niobates (RE ₃ NbO ₇ , RE = Y, Er, Yb, Lu) for Proton Conduction Applications?. <i>Fuel Cells</i> , 2013 , 13, 29-33	2.9	22

281	In-Doped Gallium Oxide Micro- and Nanostructures: Morphology, Structure, and Luminescence Properties. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 3935-3943	3.8	50
280	Supramolecular mechanisms in the synthesis of mesoporous magnetic nanospheres for hyperthermia. <i>Journal of Materials Chemistry</i> , 2012 , 22, 64-72		37
279	Perpendicular magnetic anisotropy in CoBt granular multilayers. <i>Low Temperature Physics</i> , 2012 , 38, 835-838	0.7	4
278	Structure-property relations in anion deficient 5H- and 3C-polytype Ba(Ti,Co)O ₃ perovskites. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15092		2
277	Stair-like Metamagnetic Transition Induced by Controlled Introduction of Oxygen Deficiency in La _{0.5} Ca _{0.5} MnO ₃ . <i>Chemistry of Materials</i> , 2012 , 24, 2519-2526	9.6	14
276	Phase coexistence in NaNb(1-x)Ta _x O ₃ materials with enhanced dielectric properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14938		15
275	Unknown aspects of self-assembly of PbS microscale superstructures. <i>ACS Nano</i> , 2012 , 6, 3800-12	16.7	90
274	Shape-dependent catalytic activity of palladium nanoparticles embedded in SiO ₂ and TiO ₂ . <i>Catalysis Today</i> , 2012 , 180, 59-67	5.3	22
273	Mesoporous bioactive glass as a multifunctional system for bone regeneration and controlled drug release. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012 , 10, 12-21	1.8	38
272	Poly(methyl methacrylate) coating of soft magnetic amorphous and crystalline Fe,Co-B nanoparticles by chemical reduction. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 1843-51	1.3	1
271	Long and Short Ordering in Cationic Deficient Manganese Related Brownmillerites. <i>Microscopy and Microanalysis</i> , 2012 , 18, 69-70	0.5	
270	Structural effects behind the low temperature nonconventional relaxor behavior of the Sr ₂ NaNb ₅ O ₁₅ bronze. <i>Inorganic Chemistry</i> , 2011 , 50, 12091-8	5.1	50
269	HRTEM, SAED and XRD investigations of La ₄ O ₄ [AsO ₄]Br and Pr ₄ O ₄ [AsO ₄]Br. <i>Solid State Sciences</i> , 2011 , 13, 239-243	3.4	5
268	Delamination of layered covalent organic frameworks. <i>Small</i> , 2011 , 7, 1207-11	11	199
267	Three-dimensional glass-derived scaffolds for bone tissue engineering: current trends and forecasts for the future. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 97, 514-35	5.4	199
266	Magnetoresistance in La _{0.5} Sr _{0.5} MnO _{2.5} . <i>Chemistry - A European Journal</i> , 2011 , 17, 2709-15	4.8	6
265	A new family of "clicked" estradiol-based low-molecular-weight gelators having highly symmetry-dependent gelation ability. <i>Chemical Communications</i> , 2011 , 47, 10281-3	5.8	15
264	Structure-Composition-Property Relationships of 6H-BaTi _{1-y} Co _y O ₃ [(0.1 ≤ y ≤ 0.4)]. <i>Chemistry of Materials</i> , 2011 , 23, 1050-1060	9.6	13

263	Structural and magnetic properties of amorphous Co-W alloyed nanoparticles. <i>Physical Review B</i> , 2011 , 84,	3.3	7
262	Resorbable glass-ceramic phosphate-based scaffolds for bone tissue engineering: synthesis, properties, and in vitro effects on human marrow stromal cells. <i>Journal of Biomaterials Applications</i> , 2011 , 26, 465-89	2.9	31
261	High Resolution Electron Microscopy: A Powerful Tool to Characterize Nanotubes. <i>Key Engineering Materials</i> , 2010 , 441, 95-119	0.4	
260	Morphology and magnetic properties of W-capped Co nanoparticles. <i>Journal of Applied Physics</i> , 2010 , 107, 09B508	2.5	2
259	Evidence of drug confinement into silica mesoporous matrices by STEM spherical aberration corrected microscopy. <i>Chemical Communications</i> , 2010 , 46, 2956-8	5.8	36
258	Polytypism in the BaMn _{0.85} Ti _{0.15} O ₃ system (0.070.34). Structural, Magnetic, and Electrical Characterization of the 9R-Polymorph. <i>Chemistry of Materials</i> , 2010 , 22, 4320-4327	9.6	9
257	Evidence of intrinsic magnetism in capped ZnO nanoparticles. <i>Physical Review B</i> , 2010 , 82,	3.3	78
256	Transmission electron microscopy evidence of spontaneous B-cation layered distribution in NaNb _(1-x) Ta _(x) O ₃ . <i>Journal of the American Chemical Society</i> , 2010 , 132, 9843-9	16.4	17
255	Hole and electron attractor model: An explanation of clustered states in manganites. <i>Progress in Solid State Chemistry</i> , 2010 , 38, 38-45	8	3
254	Feasibility and tailoring of bioactive glass-ceramic scaffolds with gradient of porosity for bone grafting. <i>Journal of Biomaterials Applications</i> , 2010 , 24, 693-712	2.9	29
253	The influence of proteins on the dispersability and cell-biological activity of silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2010 , 20, 512-518		176
252	Urea-Melt Assisted Synthesis of Ni/NiO Nanoparticles Exhibiting Structural Disorder and Exchange Bias. <i>Chemistry of Materials</i> , 2010 , 22, 6529-6541	9.6	47
251	An injectable paste of calcium phosphate nanorods, functionalized with nucleic acids, for cell transfection and gene silencing. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6144		19
250	Topotactic Migration of Cationic Vacancies in La _{1-x} Mn _{1-x} O ₃ . <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3436-3440	2.3	4
249	Tailored production of nanostructured metal/carbon foam by laser ablation of selected organometallic precursors. <i>Carbon</i> , 2010 , 48, 1807-1814	10.4	11
248	Synthesis and characterization of microporous titanasilicate ETS-10 obtained with different Ti sources. <i>Materials Research Bulletin</i> , 2009 , 44, 1225-1231	5.1	22
247	Mo-containing tetragonal tungsten bronzes. The influence of tellurium on catalytic behaviour in selective oxidation of propene. <i>Journal of Catalysis</i> , 2009 , 265, 43-53	7.3	20
246	High strength bioactive glass-ceramic scaffolds for bone regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 643-53	4.5	101

245	Glass-ceramic scaffolds containing silica mesophases for bone grafting and drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 809-20	4.5	42
244	Foam-like scaffolds for bone tissue engineering based on a novel couple of silicate-phosphate specular glasses: synthesis and properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2197-205	4.5	44
243	Akaganeite polymer nanocomposites. <i>Polymer</i> , 2009 , 50, 1088-1094	3.9	25
242	Ordered rock-salt related nanoclusters in CaMnO ₂ . <i>Journal of the American Chemical Society</i> , 2009 , 131, 8660-8	16.4	21
241	High-Resolution Transmission Electron Microscopy (HRTEM) and X-ray Diffraction (XRD) Study of the Intergrowth in Zeolites ITQ-13/ITQ-34. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 9305-9308	3.8	7
240	Induction of Relaxor Behavior in Na _{1-x} Sr _{x/2} /2NbO ₃ through the Introduction of Cationic Vacancies. <i>Chemistry of Materials</i> , 2009 , 21, 2193-2200	9.6	6
239	Composition-Structure-Property Relationships of 6H- and 12R-Type Hexagonal Ba(Mn,Ti)O ₃ Perovskites. <i>Chemistry of Materials</i> , 2009 , 21, 1731-1742	9.6	28
238	Mn-Rich BaMn _{1-x} FexO ₃ Perovskites Revisited: Structural, Magnetic, and Electrical Properties of Two New 6H? Polytypes. <i>Chemistry of Materials</i> , 2009 , 21, 5272-5283	9.6	12
237	Hydrothermal Synthesis: A Suitable Route to Elaborate Nanomanganites. <i>Chemistry of Materials</i> , 2009 , 21, 1898-1905	9.6	23
236	Nanostructure and Bioactivity of Hybrid Aerogels. <i>Chemistry of Materials</i> , 2009 , 21, 41-47	9.6	16
235	Synthesis, Structural, Magnetic, and Electrical Study of BaSrCo ₂ O ₅ , a Highly Disordered Cubic Perovskite. <i>Chemistry of Materials</i> , 2009 , 21, 2045-2054	9.6	11
234	Calcium phosphate nanoparticles with adjustable dispersability and crystallinity. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2166		47
233	Calcium phosphate nanoparticles as templates for nanocapsules prepared by the layer-by-layer technique. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3831		42
232	Magnetic polarization of noble metals by Co nanoparticles in M-capped granular multilayers (M=Cu, Ag, and Au): An x-ray magnetic circular dichroism study. <i>Physical Review B</i> , 2008 , 77,	3.3	53
231	Study of the Structural, Magnetic, and Electrical Properties of the 5H Hexagonal-Type Perovskite BaMn _{0.2} Co _{0.8} O _{2.8} . <i>Chemistry of Materials</i> , 2008 , 20, 2818-2828	9.6	23
230	Room Temperature Ferroelectricity in Na _{1-x} Sr _{x/2} /2NbO ₃ through the Introduction of Cationic Vacancies. <i>Chemistry of Materials</i> , 2008 , 20, 6957-6964	9.6	8
229	An Electron-Attractor Model: FM Nanoclusters Responsible for Magnetoresistant Behavior in Ca-Rich La _{1-x} CaxMnO ₃ . <i>Chemistry of Materials</i> , 2008 , 20, 3398-3403	9.6	6
228	Biocompatible glass-ceramic materials for bone substitution. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 471-8	4.5	74

227	Magnetic structure and electronic study of complex oxygen-deficient manganites. <i>Chemistry - A European Journal</i> , 2008 , 14, 9038-45	4.8	11
226	The hydrothermal synthesis of tetragonal tungsten bronze-based catalysts for the selective oxidation of hydrocarbons. <i>Chemical Communications</i> , 2007 , 5040-2	5.8	15
225	New stabilized phases in the Sr/CaMnCoO system: structural-magnetic properties relationship. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1620-1626		9
224	Structural Chemistry and Magnetic Properties of the BaMn _{0.4} Co _{0.6} O _{2.83} Hexagonal Perovskite. <i>Chemistry of Materials</i> , 2007 , 19, 1503-1508	9.6	15
223	Ferromagnetism in Twinned Pt Nanoparticles Obtained by Laser Ablation. <i>Chemistry of Materials</i> , 2007 , 19, 889-893	9.6	44
222	Structural Singularities in Ferroelectric Sr ₂ NaNb ₅ O ₁₅ . <i>Chemistry of Materials</i> , 2007 , 19, 3575-3580	9.6	33
221	Magnetic properties of ZnO nanoparticles. <i>Nano Letters</i> , 2007 , 7, 1489-94	11.5	373
220	Structure-Property Relationships of the 10H Hexagonal-Type Perovskite BaMn _{0.4} Fe _{0.6} O _{2.73} . <i>Chemistry of Materials</i> , 2007 , 19, 3425-3432	9.6	12
219	Strategies to stabilize new oxides in the Sr _(n+1) (CoTa) _(n) O _(3n+1) Ruddlesden-Popper homologous series. <i>Chemistry - A European Journal</i> , 2007 , 13, 910-5	4.8	9
218	Ferromagnetism in a new manganese-related Brownmillerite: La _{0.5} Sr _{0.5} MnO _{2.5} . <i>Chemistry - A European Journal</i> , 2007 , 13, 4246-52	4.8	15
217	Study of the Defects in Sintered SnO ₂ by High-Resolution Transmission Electron Microscopy and Cathodoluminescence. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1544-1548	2.3	17
216	Structural Chemistry of a New 10H Hexagonal Perovskite: BaMn _{0.4} Fe _{0.6} O _{2.73} . <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2129-2135	2.3	10
215	Structural Chemistry of an n = 1 Member of the Ruddlesden-Popper Sr _{n+1} (Co _{0.5} Ta _{0.5}) _n O _{3n+1} Homologous Series: Sr ₄ CoTaO ₈ . <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2068-2071	2.3	5
214	Influence of the Synthetic Pathway on the Properties of Oxygen-Deficient Manganese-Related Perovskites. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3350-3355	2.3	12
213	Ab initio determination of heavy oxide perovskite related structures from precession electron diffraction data. <i>Ultramicroscopy</i> , 2007 , 107, 445-52	3.1	25
212	Structural characterization of nanosized silica spheres. <i>Solid State Sciences</i> , 2007 , 9, 351-356	3.4	17
211	Revisiting the Role of Vacancies in Manganese Related Perovskites. <i>Open Inorganic Chemistry Journal</i> , 2007 , 1, 37-46		6
210	Evolution of magnetic behaviour in oxygen deficient LaMnO ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 579-582	3.9	17

209	Crystallochemistry, textural properties, and in vitro biocompatibility of different silicon-doped calcium phosphates. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 78, 762-71	5.4	30
208	Temperature dependence of the magnetic properties in LaMnO ₃ +□ <i>Journal of Applied Physics</i> , 2006 , 99, 08A702	2.5	4
207	Ab initio x-ray absorption study of the manganese K-edge XANES spectra in Mn- and Zn-related hexagonal perovskites. <i>Physical Review B</i> , 2006 , 74,	3.3	8
206	Magnetic field driving custom assembly in (FeCo) nanocrystals. <i>Applied Physics Letters</i> , 2006 , 89, 033508	3.4	15
205	Structural, Magnetic, and Electrical Behavior of Low Dimensional Ba ₂ CoO ₄ . <i>Chemistry of Materials</i> , 2006 , 18, 3898-3903	9.6	12
204	Structural Ordering and Ferromagnetism in La ₄ Mn ₄ O ₁₁ . <i>Chemistry of Materials</i> , 2006 , 18, 5756-5763	9.6	18
203	Magnetic field influence on nanocrystallization process of FeCoSiBCuNb alloys. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1271-1276	1.6	2
202	Gold/carbon nanocomposite foam. <i>Chemical Physics Letters</i> , 2006 , 420, 86-89	2.5	23
201	Influence of Mn ²⁺ in the magnetic behaviour of manganese related-perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 571-574	3.9	6
200	Ag ₂ CuMnO ₄ : A new silver copper oxide with delafossite structure. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3883-3892	3.3	19
199	Revisiting silica based ordered mesoporous materials: medical applications. <i>Journal of Materials Chemistry</i> , 2006 , 16, 26-31		293
198	Nanostructure of Bioactive Sol-Gel Glasses and Organic-Inorganic Hybrids. <i>Chemistry of Materials</i> , 2005 , 17, 1874-1879	9.6	66
197	Interface double-exchange ferromagnetism in the Mn-Zn-O system: new class of biphasic magnetism. <i>Physical Review Letters</i> , 2005 , 94, 217206	7.4	201
196	Thermally activated demagnetization in (La _{0.97} Ca _{0.03}) _{0.96} Mn _{0.96} O ₃ +□ <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 482-485	2.8	1
195	Crystallographic shear mechanisms in Rh one-dimensional oxides. <i>Solid State Sciences</i> , 2005 , 7, 173-177	3.4	1
194	Phosphorous-doped MCM-41 as bioactive material. <i>Solid State Sciences</i> , 2005 , 7, 233-237	3.4	72
193	MoVTenBO multifunctional catalysts: Correlation between constituent crystalline phases and catalytic performance. <i>Solid State Sciences</i> , 2005 , 7, 507-519	3.4	71
192	Tissue regeneration: A new property of mesoporous materials. <i>Solid State Sciences</i> , 2005 , 7, 983-989	3.4	172

191	Synthesis, Structural and Magnetic Characterization of a New Scheelite Related Compound: $\text{Eu}_2\text{Mo}_3\text{O}_{12}$. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 967-970	2.3	19
190	Influence of Na Content on the Chemical Stability of Nanometric Layered Na_xRhO_2 (0.7 \leq x \leq 1.0). <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4410-4416	2.3	10
189	Crystal Structure of the Ordered Double Perovskite, $\text{Sr}_2\text{NiTeO}_6$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2127-2130	1.3	18
188	A Structural Study of the Solid Solution $\text{Eu}_2(\text{Mo}_{1-x}\text{W}_x)_3\text{O}_{12}$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1988-1990	1.3	3
187	Ferromagnetism in $\text{Ba}_5\text{Co}_5\text{O}_{14}$: A structural, transport, thermal, and magnetic study. <i>Physical Review B</i> , 2005 , 71,	3.3	37
186	Bioactive organic-inorganic hybrid aerogels. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 847, 97		6
185	Bioactivity in ordered mesoporous materials. <i>Solid State Sciences</i> , 2004 , 6, 1295-1300	3.4	82
184	Structural relationships between 2D and 3D Ba_2Mn oxides. <i>Solid State Ionics</i> , 2004 , 172, 543-547	3.3	7
183	Porous materials from clays by the gallery template approach: synthesis, characterization and adsorption properties. <i>Microporous and Mesoporous Materials</i> , 2004 , 73, 175-180	5.3	51
182	Room-temperature CMR in manganites with 50% Mn^{4+} by generation of cationic vacancies. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1748-1750	2.8	11
181	Selective oxidative dehydrogenation of ethane on MoVTeNbO mixed metal oxide catalysts. <i>Journal of Catalysis</i> , 2004 , 225, 428-438	7.3	188
180	Structural-Magnetic Properties Relationship in a New Commensurate Material: $\text{Sr}_9\text{Mn}_5\text{Co}_2\text{O}_{21}$. <i>Chemistry of Materials</i> , 2004 , 16, 5408-5413	9.6	6
179	Spray pyrolysis for high T_c superconductors films. <i>Superconductor Science and Technology</i> , 2004 , 17, 1303-1310	3.10	9
178	Calcium phosphates as substitution of bone tissues. <i>Progress in Solid State Chemistry</i> , 2004 , 32, 1-31	8	810
177	Influence of Sr-doping in $\text{Ba}_7\text{Rh}_6\text{O}_{18}$, a new one-dimensional oxide of the homologous series $(\text{A}_3\text{Rh}_2\text{O}_6)_\alpha(\text{A}_3\text{Rh}_3\text{O}_9)_\beta$. <i>Journal of Electron Microscopy</i> , 2003 , 52, 41-7		
176	Synthesis and Microstructural Characterisation of Two New One-Dimensional Members of the $(\text{A}_3\text{NiMnO}_6)_\alpha(\text{A}_3\text{Mn}_3\text{O}_9)_\beta$ Homologous Series (A = Ba, Sr). <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2419-2425	2.3	7
175	HREM and CIP Characterization of Complex Superstructures in Cu-Co Related Perovskites. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2986-2991	2.3	1
174	Synthesis, Structural Characterization, and Magnetic Study of $\text{Sr}_4\text{Mn}_2\text{CoO}_9$. <i>Chemistry of Materials</i> , 2003 , 15, 3537-3542	9.6	25

173	A Hole-Attractor Model: Tailoring Manganese-Related Perovskites. <i>Chemistry of Materials</i> , 2003 , 15, 2864-2866	9.6	8
172	Incorporation of Mn ²⁺ single molecule magnets into mesoporous silica. <i>Journal of Materials Chemistry</i> , 2003 , 13, 3089-3095		46
171	Microstructural characterization of YBa ₂ Cu ₃ O _{7-x} thick films grown at very high rates and high temperatures by pulsed laser deposition. <i>Journal of Materials Research</i> , 2003 , 18, 956-964	2.5	15
170	Magnetic properties and pressure effects in Ca ₃ Co ₂ O ₆ ferrimagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 757-759	2.8	9
169	Strategies to stabilize new members of the (A ₃ MB ₃ O ₆) _α (A ₃ B ₃ O ₀) _β homologous series in the Sr-Rh-O system: structure of the one-dimensional (α = 3, β = 2) [Sr ₁₀ (Sr _{0.5} Rh _{1.5})TP(Rh ₆ Oh)] ₂₄ oxide. <i>Chemistry - A European Journal</i> , 2002 , 8, 4973-9	4.8	8
168	Recurrent intergrowths in the topotactic reduction process of LaBaCuCoO _{5.2} . <i>Chemistry - A European Journal</i> , 2002 , 8, 5694-700	4.8	16
167	A SAED and HREM study of structural defects in brownmillerite, LaBa(x)Sr(1-x)CuGaO _y related oxides. <i>Journal of Electron Microscopy</i> , 2002 , 51, 59-66		2
166	Synthesis and Structural Characterization of Ba ₆ Mn ₅ O ₁₆ : The First Layered Oxide Isostructural to Cs ₆ Ni ₅ F ₁₆ . <i>Chemistry of Materials</i> , 2002 , 14, 4006-4008	9.6	15
165	Structural and Magnetic Study of Sr _{3.3} Ca _{0.7} CoRh ₂ O ₉ : A New Partially Ordered Antiferromagnetic System. <i>Chemistry of Materials</i> , 2002 , 14, 4948-4954	9.6	9
164	Stabilization of Cu ^{III} under High Pressure in Sr ₂ CuGaO ₅ . <i>Chemistry of Materials</i> , 2002 , 14, 2055-2062	9.6	13
163	On the Nature and Structure of a New MoVTeO Crystalline Phase. <i>Chemistry of Materials</i> , 2002 , 14, 4416-4421	9.6	47
162	Correlated Oxygen Diffusion in BIFEVOX. <i>Chemistry of Materials</i> , 2002 , 14, 1606-1609	9.6	10
161	Planar defects in a precursor for phosphor materials: SrAl ₂ xB _x O ₄ (x). <i>Journal of Materials Chemistry</i> , 2002 , 12, 1128-1131		17
160	New Members of the (Ba ₈ Co ₆ O ₁₈)(Ba ₈ Co ₈ O ₂₄) _n Polysomatic Series. <i>Journal of Solid State Chemistry</i> , 2001 , 162, 322-326	3.3	6
159	Transition from the layered Sr ₂ RhO ₄ to the monodimensional Sr ₄ RhO ₆ phase. <i>Chemistry - A European Journal</i> , 2001 , 7, 1444-9	4.8	3
158	Variation of the magnetic properties of La _{0.5} Ca _{0.5} MnO as a function of the synthetic route. <i>Solid State Ionics</i> , 2001 , 141-142, 427-432	3.3	2
157	Structural elucidation of microporous and mesoporous catalysts and molecular sieves by high-resolution electron microscopy. <i>Accounts of Chemical Research</i> , 2001 , 34, 583-94	24.3	107
156	Short-Range/Long-Range Order Transformation in the Bi ₄ V _{2-x} FexO _{11-y} Series. <i>Chemistry of Materials</i> , 2001 , 13, 96-102	9.6	9

155	Oxygen content and microstructure in Bi ₄ V ₂ O ₁₁ . <i>Journal of Materials Chemistry</i> , 2001 , 11, 2320-2323		10
154	Ferroelectric Behavior of Pb(Mg _{1/3} Nb _{2/3})O ₃ (PMN) Obtained by the Sol-Gel Method. <i>Chemistry of Materials</i> , 2001 , 13, 415-419	9.6	5
153	A New Orthorhombic Ba ₈ Co ₇ O ₂₁ Phase: Polymorphism in the (Ba ₃ Co ₂ O ₆)/(Ba ₃ Co ₃ O ₉) System. <i>Journal of Solid State Chemistry</i> , 2000 , 151, 77-84	3.3	16
152	Phase Transition Induced by High Pressure in a New LaBaCuGaO ₅ Compound. <i>Journal of Solid State Chemistry</i> , 2000 , 155, 372-380	3.3	4
151	A comparative crystal chemical analysis of Ba ₂ CoO ₄ and BaCoO ₃ . <i>Solid State Sciences</i> , 2000 , 2, 57-64	3.4	15
150	Production of Magnetic Nanoparticles in Imine Polymer Matrixes. <i>Chemistry of Materials</i> , 2000 , 12, 3681-3688	3.688	51
149	Influence of the Oxidation on the Magnetic and Transport Properties in the (La _{1-x} Ca _x) _z Mn _z O _y (0	9.6	13
148	New Ordering Scheme Based on the Partial Occupation of Prismatic Sites in a Monodimensional SrRhO System. <i>Chemistry of Materials</i> , 2000 , 12, 3237-3239	9.6	5
147	A New Structure Model for Ba ₃ Nb ₂ O ₈ : A HREM Study. <i>Chemistry of Materials</i> , 2000 , 12, 2485-2489	9.6	2
146	The Oxycarbonate Ba ₃ Co ₂ O ₆ (CO ₃) _{0.60} with a 2HABO ₃ -Related Structure. <i>Chemistry of Materials</i> , 2000 , 12, 966-972	9.6	14
145	The Orthorhombic (Ba ₈ Co ₆ O ₁₈)/(Ba ₈ Co ₈ O ₂₄) Series, a New Family of Monodimensional Oxides. <i>Chemistry of Materials</i> , 2000 , 12, 2727-2735	9.6	13
144	Mn ⁴⁺ cation localization in La-rich La _{1-x} Ca _x MnO _y manganites. <i>Physical Review B</i> , 2000 , 62, 11328-11331	3.3	29
143	New Commensurate Phases in the Family (A ₃ Co ₂ O ₆)/(A ₃ Co ₃ O ₉) (A = Ca, Sr, Ba). <i>Chemistry of Materials</i> , 2000 , 12, 25-32	9.6	40
142	Raman Scattering Study of Cation-Deficient Ba _n (MoNb) _{n-1} O _{3n-x} and Related Perovskite-like Oxides. <i>Chemistry of Materials</i> , 2000 , 12, 2287-2291	9.6	6
141	Phase diagram on La _{1-x} Ca _x MnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 520-521	1.8	11
140	Study of the effect of formamide and N,N-dimethylformamide on the synthesis of CdS nanoparticles in a SiO ₂ matrix by sol-gel method. <i>Solid State Sciences</i> , 1999 , 1, 351-364	3.4	4
139	Cation Deficiency in (Ba, Sr)Co _{1-x} O _y Hexagonal Perovskite Related Oxides: New Members of the A _{n+2} B _n O _{3n+3} Homologous Series. <i>Journal of Solid State Chemistry</i> , 1999 , 142, 419-427	3.3	49
138	The A _{n+2} B _n O _{3n+3} Family (B=B'=Co): Ordered Intergrowth between 2HBaCoO ₃ and Ca ₃ Co ₂ O ₆ Structures. <i>Journal of Solid State Chemistry</i> , 1999 , 145, 116-127	3.3	67

137	Ordering of Oxygen Vacancies and Magnetic Properties in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_{3-x}$ ($0 \leq x \leq 0.5$). <i>Journal of Solid State Chemistry</i> , 1999 , 148, 158-168	3.3	50
136	Crystal Structure of an Unusual Polytype: $\text{H}_7\text{Ba}_7\text{Nb}_4\text{MoO}_{20}$. <i>Chemistry of Materials</i> , 1999 , 11, 433-437	9.6	14
135	Influence of the Deposition Parameters on LaAMnO (A = Ca, Sr) Films Grown by Low-Pressure Aerosol Pyrolysis. <i>Chemistry of Materials</i> , 1999 , 11, 3521-3527	9.6	6
134	Use of Electron Microscopy and Microdiffraction for Zeolite Framework Comparison. <i>Journal of the American Chemical Society</i> , 1997 , 119, 11000-11005	16.4	14
133	On the Incorporation of Buckminsterfullerene C60 in the Supercages of Zeolite Y. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 10184-10190	3.4	26
132	Ordering of ionic Vacancies in the $\text{BaCoO}_{2.94}$ Hexagonal Related Perovskite. <i>Journal of Solid State Chemistry</i> , 1997 , 128, 130-136	3.3	14
131	A New Microporous Polymorph of Silica Isomorphous to Zeolite MCM-22. <i>Chemistry of Materials</i> , 1996 , 8, 2415-2417	9.6	86
130	Adsorption and catalytic properties of MCM-22: The influence of zeolite structure. <i>Zeolites</i> , 1996 , 16, 7-14		92
129	A HREM Study on $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_{3-x}$, I: ($0 \leq x \leq 0.10$). <i>Journal of Solid State Chemistry</i> , 1996 , 124, 278-286	3.3	4
128	A HREM Study on $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_{3-x}$, II: ($0.15 \leq x \leq 0.33$). <i>Journal of Solid State Chemistry</i> , 1996 , 125, 125-132	3.3	4
127	Modulated Structure of $\text{La}_2\text{NiO}_{4+\delta}$ as a Mechanism of Oxygen Excess Accommodation. <i>Journal of Solid State Chemistry</i> , 1996 , 125, 133-139	3.3	12
126	Magnetic properties of colossal magnetoresistive manganese oxides. <i>Journal of Applied Physics</i> , 1996 , 79, 5182	2.5	21
125	Surface barrier and lower critical field of the powdered $\text{Pr}_{1.85}\text{Ce}_{0.15}\text{CuO}_{3.98}$ superconductor. <i>Physical Review B</i> , 1996 , 53, 5160-5162	3.3	3
124	Paramagnetic centers in $\text{Nd}_{2-x}\text{Sr}_x\text{NiO}_y$: an EPR study. <i>Physica B: Condensed Matter</i> , 1995 , 210, 171-177	2.8	
123	Influence of oxygen content on the cathodoluminescence of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Solid State Communications</i> , 1995 , 96, 45-48	1.6	12
122	Structural and magnetic properties of Sr_2RuO_4 -type oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 179-180	2.8	24
121	The deposition of Fe_2O_3 by aerosol chemical vapor deposition. <i>Journal of Materials Research</i> , 1995 , 10, 1307-1311	2.5	16
120	Direct Phasing in Electron Crystallography: Ab Initio Determination of a New MCM-22 Zeolite Structure. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8947-8956	16.4	63

119	Order-disorder in T, T _M and T* phase: superconductors and related materials. <i>Microscopy Research and Technique</i> , 1995 , 30, 193-207	2.8	
118	Determination of the Crystallite Size and Shape in Substituted Barium Hexaferrite by X-Ray Line Broadening Analysis. <i>Journal of Solid State Chemistry</i> , 1995 , 114, 534-538	3.3	5
117	Co-Ti Substituted Hexagonal Ferrites for Magnetic Recording. <i>Journal of Solid State Chemistry</i> , 1995 , 115, 347-352	3.3	20
116	Characterization by TEM of Local Crystalline Changes during Irradiation Damage of Hydroxyapatite Compounds. <i>Journal of Solid State Chemistry</i> , 1995 , 116, 265-274	3.3	23
115	Ordering and Defects in BaMnO ₃ - (0.22 ≤ x ≤ 0.40). <i>Journal of Solid State Chemistry</i> , 1995 , 117, 21-29	3.3	34
114	HREM Study of the BaCoO _{3-y} System: Evidence for a New 5H Phase. <i>Journal of Solid State Chemistry</i> , 1995 , 120, 327-331	3.3	40
113	Microstructural variations as a function of x in La _{2-x} Sr _x NiO ₄ . <i>Journal of Materials Research</i> , 1994 , 9, 1263-1271	2.5	3
112	EPR and magnetization of La ₂ NiO ₄ . <i>Journal of Materials Research</i> , 1994 , 9, 176-179	2.5	7
111	Crystal structure and microstructure of Nd _{1.8} Sr _{0.2} NiO _{3.72} : A K ₂ NiF ₄ -type nickelate with monoclinic symmetry and ordered oxygen vacancies. <i>Physical Review B</i> , 1994 , 49, 8591-8599	3.3	21
110	Synthesis of barium hexaferrite by pyrolysis of an aerosol. <i>Journal of Materials Research</i> , 1994 , 9, 712-716	2.5	29
109	Lower critical field and surface barrier in sintered Bi ₂ Sr ₂ CaCu ₂ O _{8+x} superconductor. <i>Journal of Applied Physics</i> , 1994 , 75, 2578-2583	2.5	7
108	A New "123" Family: LnBa ₂ Fe ₃ O _z . <i>Journal of Solid State Chemistry</i> , 1994 , 110, 142-149	3.3	4
107	Microstructural Characterization of the LaNiO _{3-y} System. <i>Journal of Solid State Chemistry</i> , 1994 , 110, 295-304	3.3	35
106	Prediction of Novel BaMnO _{3-y} (0 ≤ y ≤ 0.12). <i>Journal of Solid State Chemistry</i> , 1994 , 111, 202-207	3.3	37
105	The Solid Solution BaFe _{12-2x} Co _x Ti _x O ₁₉ (0 ≤ x ≤ 6): Cationic Distribution by Neutron Diffraction. <i>Journal of Solid State Chemistry</i> , 1994 , 111, 229-237	3.3	43
104	Microstructural Characterization of BaMnO _{3-y} (0.08 ≤ y ≤ 0.12): Evidence for a New Polytype (21R). <i>Journal of Solid State Chemistry</i> , 1994 , 113, 78-87	3.3	38
103	Control of carbon impurities in 2212 superconducting phase. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 230, 407-411	1.3	9
102	Electron and/or hole doping in Pr ₂ CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 811-812	1.3	1

101	Magnetic properties of Nd _{2-x} Sr _x NiO _{4+δ} oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 1561-1562	1.3	1
100	Specific heat, magnetic susceptibility and electrical resistivity measurements on LaNiO ₃ . <i>Journal of Alloys and Compounds</i> , 1993 , 191, 287-289	5.7	22
99	Band Gap Closing in La _{2-x} Sr _x NiO _{4+δ} <i>Journal of Solid State Chemistry</i> , 1993 , 102, 455-464	3.3	23
98	A New "123" Family: LnBa ₂ Fe ₃ O _z . <i>Journal of Solid State Chemistry</i> , 1993 , 104, 232-238	3.3	14
97	A New "123" Family: LnBa ₂ Fe ₃ O _z , (II), Ln = Nd, Sm, and Eu. <i>Journal of Solid State Chemistry</i> , 1993 , 105, 363-370	3.3	12
96	Microstructural Investigation of Oxygen-Deficient BaMnO _{3-y} Hexagonal Perovskites. <i>Journal of Solid State Chemistry</i> , 1993 , 106, 99-110	3.3	37
95	Nonstoichiometry in the La _{2-x} Sr _x NiO _{4+δ} system. <i>Solid State Ionics</i> , 1993 , 66, 21-26	3.3	8
94	Synthesis of mixed oxides by decomposition of polymeric acids. <i>Solid State Ionics</i> , 1993 , 63-65, 60-65	3.3	2
93	Synthesis of pure and Pd-doped SnO ₂ particles. <i>Solid State Ionics</i> , 1993 , 63-65, 159-163	3.3	3
92	Synthesis of cassiterite by pyrolysis of an aerosol. <i>Solid State Ionics</i> , 1993 , 63-65, 164-169	3.3	2
91	Influence of the synthetic method on the TiO ₂ texture. <i>Solid State Ionics</i> , 1993 , 63-65, 201-206	3.3	3
90	Influence of the synthetic route on the BaFe ₁₂ O ₁₉ properties. <i>Solid State Ionics</i> , 1993 , 63-65, 207-212	3.3	14
89	Compositional variations and structural disorder in the BaMnO _{3-y} system. <i>Solid State Ionics</i> , 1993 , 63-65, 614-619	3.3	15
88	A high temperature study of the BaFeO ₃ system. <i>Solid State Ionics</i> , 1993 , 63-65, 714-718	3.3	18
87	Phase transitions and oxygen content in the Nd _{2-x} Sr _x NiO _{4+δ} system?. <i>Solid State Ionics</i> , 1993 , 66, 219-223	3.3	6
86	Synthesis, structure and gas sensitivity properties of pure and doped SnO ₂ . <i>Sensors and Actuators B: Chemical</i> , 1993 , 16, 379-383	8.5	20
85	Electron spin resonance of La _{2-x} Sr _x NiO _{4+δ} <i>Physica B: Condensed Matter</i> , 1993 , 190, 177-182	2.8	3
84	The complex perovskite-related superstructure Ba ₂ Fe ₂ O ₅ solved by HREM and CIP. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1993 , 49, 27-35		43

83	Spherical iron oxide particles synthesized by an aerosol technique. <i>Journal of Materials Research</i> , 1993 , 8, 2694-2701	2.5	34
82	Texture evolution of SnO ₂ synthesized by pyrolysis of an aerosol. <i>Journal of Materials Research</i> , 1993 , 8, 138-144	2.5	12
81	Weak ferromagnetism and magnetic interactions in La ₂ NiO ₄ . <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 487-496	1.8	11
80	Stability range and T _c variation of superconducting Bi _{1.92} Sr _{1.89} Ca _{1.04} Cu ₂ O _y . <i>Solid State Communications</i> , 1992 , 82, 95-100	1.6	7
79	Oxygen vacancy ordering in La _{2-x} Sr _x NiO ₄ . <i>Physica B: Condensed Matter</i> , 1992 , 180-181, 399-401	2.8	4
78	Spin reorientations in Nd _{1.8} Sr _{0.2} NiO _{3.8} . <i>Physica B: Condensed Matter</i> , 1992 , 180-181, 402-404	2.8	3
77	Oxygen stoichiometry, critical temperature and pinning mechanisms in the 2212 BSCCO superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 203, 223-230	1.3	17
76	Magnetic properties of the Ca _n Fe ₂ Ti _{n-3} O _{3n} perovskite related series: An EPR study. <i>Journal of Solid State Chemistry</i> , 1992 , 98, 25-32	3.3	11
75	Evolution of the microstructure and its influence on the magnetic properties of aerosol synthesized BaFe ₁₂ O ₁₉ particles. <i>Journal of Solid State Chemistry</i> , 1992 , 101, 265-274	3.3	25
74	Topological excitations vs intergranular phase coherence in a HTSC Y _{0.5} Sm _{0.5} Ba ₂ Cu ₃ O ₇ ceramics. <i>European Physical Journal B</i> , 1992 , 87, 21-28	1.2	4
73	⁵¹ V NMR study of magnetic order in La ₂ NiO ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 941-943	2.8	7
72	Thin films of magnesium oxide by modified CVD: A buffer layer for HTCS films. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 180, 57-60	1.3	22
71	Magnetic irreversibility in granular superconductors: AC susceptibility study. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1843-1844	1.3	7
70	Influence of oxygen stoichiometry on T _c and pinning force of Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 2475-2476	1.3	7
69	Anionic vacancy distribution in reduced barium-lanthanum ferrites. <i>Journal of Solid State Chemistry</i> , 1991 , 92, 110-115	3.3	15
68	Magnetic transitions in Nd ₂ NiO ₄ . <i>Physical Review B</i> , 1991 , 43, 10451-10454	3.3	15
67	Magnetic and structural properties of electrodeposited Co _{1-x} P _x amorphous ribbons. <i>Journal of Applied Physics</i> , 1991 , 69, 5454-5456	2.5	16
66	Electron microscopy, neutron diffraction, and physical properties of bismuth strontium copper oxide (Bi ₄ Sr ₈ Cu ₅ O _{19+y}). <i>Chemistry of Materials</i> , 1991 , 3, 844-852	9.6	4

65	Non-stoichiometry in lanthanide substituted Ba ₂ Fe ₂ O ₅ + □ <i>Journal of the Less Common Metals</i> , 1991 , 169, 25-31		4
64	Complex magnetic structures of the rare-earth cuprates R ₂ Cu ₂ O ₅ (R=Y, Ho, Er, Yb, Tm). <i>Physical Review B</i> , 1991 , 44, 4716-4719	3.3	26
63	Low temperature magnetization of antiferromagnetic YBa ₂ Cu ₃ O ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 83, 517-518	2.8	3
62	Microstructural study of hexaferrite related compounds: Z(Ba ₃ Cu ₂ Fe ₂₄ O ₄₁) and BaFe ₂ O ₄ phase. <i>Materials Research Bulletin</i> , 1990 , 25, 567-574	5.1	13
61	HREM study and structure analysis of the Z(Ba ₃ Cu ₂ Fe ₂₄ O ₄₁) hexagonal ferrite. <i>Materials Research Bulletin</i> , 1990 , 25, 845-853	5.1	8
60	Irradiation-induced phase transition in Ba ₂ Fe ₂ O ₅ . <i>Journal of Solid State Chemistry</i> , 1990 , 85, 15-22	3.3	6
59	Ferromagnetic layers in Y ₂ Cu ₂ O ₅ : a neutron diffraction study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990 , 149, 319-327	2.3	20
58	Nonstoichiometry in BaFeO ₃ □ (0.35) <i>Journal of Solid State Chemistry</i> , 1990 , 86, 149-159	3.3	34
57	Structural aspects and Mössbauer resonance investigation of Ba ₂ Fe ₂ O ₅ . <i>Journal of Solid State Chemistry</i> , 1990 , 88, 261-268	3.3	24
56	Hrem study and image matching of BaFe ₂ O ₄ . <i>Journal of the Less Common Metals</i> , 1990 , 166, 343-352		1
55	Non-stoichiometry and twinning in perovskite-related chromites. <i>Journal of the Less Common Metals</i> , 1990 , 157, 271-279		10
54	Evidence for a kosterlitz-thouless transition in high quality YBaCuO ceramics. <i>Journal of the Less Common Metals</i> , 1990 , 164-165, 160-165		2
53	Structural intergrowths in iron substituted Y?Ba?Cu?O. <i>Journal of the Less Common Metals</i> , 1990 , 161, 159-164		
52	Perovskite threefold superlattices: A structure determination of the A ₃ M ₃ O ₈ phase. <i>Materials Research Bulletin</i> , 1989 , 24, 423-430	5.1	42
51	Influence of Sb and Pb substitution on the physical properties of the BiSrCaCuO compounds. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 863-864	1.3	3
50	Diamagnetism and critical currents of Bi?Ca?Sr?Cu?O samples. <i>Cryogenics</i> , 1989 , 29, 379-383	1.8	7
49	Y-Sm twinned and untwinned high temperature superconductors: a comparative study. <i>Cryogenics</i> , 1989 , 29, 350-354	1.8	4
48	Twins, electron-phonon coupling and fluctuations in Y _{0.5} Sm _{0.5} Ba ₂ Cu ₃ O ₇ □. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 157, 285-292	1.3	6

47	The tubular crystal structure of the new phase $\text{Bi}_4\text{Sr}_8\text{Cu}_5\text{O}_{19+x}$ related to the superconducting perovskites. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 157, 525-530	1.3	33
46	Electron microscopy, electrical resistivity and magnetic properties of the new tubular phase $\text{Bi}_4\text{Sr}_8\text{Cu}_5\text{O}_{19+x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 865-866	1.3	1
45	Antiferromagnetism in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 1273-1274	1.3	8
44	On inhomogeneous superconductivity in Fe substituted $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 41-42	1.3	3
43	Thermal expansion and heat capacity of $\text{Bi}_4\text{Ca}_3\text{Sr}_3\text{Cu}_4\text{O}_{16+x}$ at low temperatures. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 566-567	1.3	2
42	Fluctuations and critical fields in (Y Sm) HTSC. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 723-724	1.3	
41	On the effects of helium absorption on the superconducting onset of $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Solid State Communications</i> , 1989 , 69, 1073-1077	1.6	3
40	Lithium insertion in reduced tungsten oxides. <i>Solid State Ionics</i> , 1989 , 32-33, 162-166	3.3	5
39	An electron diffraction study of new phases in the LaNiO_3 system. <i>Solid State Ionics</i> , 1989 , 32-33, 721-726	3.3	35
38	Sur le système BaFeO_3 (0. Journal of Solid State Chemistry, 1989 , 80, 6-11	3.3	40
37	Oxygen vacancy distribution in 6HBaFeO_3 (0.20 μ 0.35). <i>Journal of Solid State Chemistry</i> , 1989 , 83, 121-131	3.3	24
36	Mössbauer study of vacancy distribution in $\text{CaMn}_{1-x}\text{Fe}_x\text{O}_3$ ($x = 0.5, 0.6$). <i>Journal of Solid State Chemistry</i> , 1989 , 83, 150-157	3.3	5
35	Microdomains in the $\text{CaFe}_x\text{Mn}_{1-x}\text{O}_3$ ferrites. III. 0.5 $\leq x \leq 0.9$. <i>Journal of Solid State Chemistry</i> , 1989 , 81, 1-8	3.3	7
34	Critical fields in $\text{Ba}_2\text{SmCu}_3\text{O}_7$ high T_c superconductor from magnetization measurements. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 1503-1504	1.3	
33	Magnetic energy absorption in sintered $\text{YBa}_2\text{Cu}_3\text{O}_7$ samples. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 1533-1534	1.3	7
32	Structural, electrical and magnetic properties of $\text{Ba}_2\text{ReCu}_3\text{O}_7$ (Re=Y, Ho) high T_c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 888-889	1.3	4
31	A Mössbauer spectroscopy study of the $\text{CaFe}_x\text{Mn}_{1-x}\text{O}_3$ ferrites (0.2 $\leq x \leq 0.4$). <i>Journal of Solid State Chemistry</i> , 1988 , 73, 57-64	3.3	9
30	Lithium insertion in reduced tungsten oxides. <i>Journal of Solid State Chemistry</i> , 1988 , 76, 313-318	3.3	10

29	Structure determination of Ca ₄ Fe ₂ Ti ₂ O ₁₁ by electron microscopy and crystallographic image processing. <i>Journal of Solid State Chemistry</i> , 1988 , 77, 316-321	3.3	26
28	Electron microscopy and diffraction of barium-lanthanum ferrites: Ba _x La _{1-x} FeO ₃ . <i>Journal of Solid State Chemistry</i> , 1988 , 74, 110-116	3.3	16
27	The influence of the synthesis procedure in the obtention of untwinned superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 357-358	1.3	6
26	Diamagnetism and electrical connectivity in an inhomogeneous Ba ₂ YCu ₃ O _{7-x} superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 389-390	1.3	5
25	Mössbauer emission study of ⁵⁷ Co: YBa ₂ Cu ₃ O _{7-x} HTSC. <i>European Physical Journal B</i> , 1988 , 73, 143-148	1.2	5
24	Synthesis and characterization of a new double perovskite: LaCaMnCoO ₆ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1988 , 775-779		16
23	Meissner effect and critical fields in an inhomogeneous Ba ₂ HoCu ₃ O _{7-x} high-T _c superconductor. <i>Physical Review B</i> , 1988 , 38, 2455-2459	3.3	8
22	Tunneling measurements of the energy gap in Bi ₄ Ca ₃ Sr ₃ Cu ₄ O _{16+δ} . <i>Physical Review B</i> , 1988 , 38, 9295-9298	3.3	42
21	High pressure synthesis of Ru ₂ Cr mixed oxides and oxyhydroxides. <i>Journal of the Less Common Metals</i> , 1987 , 135, 105-111		2
20	Raman scattering in the high T _c superconductors MBa ₂ Cu ₃ O _{7-x} . <i>Solid State Communications</i> , 1987 , 63, 839-841	1.6	52
19	A new high temperature superconductor: Ba ₂ SmCu ₃ O _{9-x} . <i>Solid State Communications</i> , 1987 , 63, 507-510	1.6	30
18	Phase transitions in Sr ₂ Co ₂ O ₅ : A neutron thermodiffraction study. <i>Solid State Communications</i> , 1987 , 62, 231-234	1.6	67
17	Nonstoichiometry and structural intergrowth in the Ca _x Fe _{1-x} Mn _{1-x} O ₃ (0 ≤ x ≤ 1) system. <i>Journal of Solid State Chemistry</i> , 1987 , 71, 331-341	3.3	17
16	A new perovskite-type compound: Ca ₄ Fe ₂ Ti ₂ O ₁₁ . <i>Journal of Solid State Chemistry</i> , 1987 , 68, 266-272	3.3	32
15	A reassessment of Ba ₂ Fe ₂ O ₅ . <i>Materials Research Bulletin</i> , 1987 , 22, 1413-1419	5.1	29
14	Microdomains in the Ca _x Fe _{1-x} Mn _{1-x} O ₃ ferrites. <i>Journal of Solid State Chemistry</i> , 1986 , 65, 383-391	3.3	11
13	The A ₂ SnO ₃ (A=Ca,Sr) perovskites. <i>Acta Crystallographica Section B: Structural Science</i> , 1986 , 42, 167-172		129
12	Rhombohedral Sr ₂ Co ₂ O ₅ : A new A ₂ M ₂ O ₅ phase. <i>Materials Research Bulletin</i> , 1986 , 21, 429-439	5.1	43

11	Microdomain formation in the $\text{CaFexMn}_{1-x}\text{O}_3$ ferrites. <i>Journal of Solid State Chemistry</i> , 1985 , 57, 197-206	3.3	26
10	Microdomains in the reduction of $\text{Ca}_2\text{LaFe}_3\text{O}_{8+z}$. <i>Journal of Solid State Chemistry</i> , 1985 , 60, 320-331	3.3	25
9	Thermal decomposition of mixed titanium-chromium oxyhydroxides.. <i>Thermochimica Acta</i> , 1985 , 85, 79-82	2.9	1
8	Structural intergrowth in the system $(0 \leq x \leq 1)$: An electron microscopy study. <i>Journal of Solid State Chemistry</i> , 1984 , 55, 251-261	3.3	35
7	High pressure synthesis of mixed Titanium-Chromium oxyhydroxides. <i>Materials Research Bulletin</i> , 1984 , 19, 1207-1213	5.1	2
6	Brownmillerite-type microdomains in the calcium lanthanum ferrites: $\text{Ca}_x\text{La}_{1-x}\text{FeO}_3$. <i>Journal of Solid State Chemistry</i> , 1983 , 49, 219-231	3.3	71
5	Structural intergrowths in the calcium lanthanum ferrites.. <i>Materials Research Bulletin</i> , 1983 , 18, 285-292	5.1	38
4	Surprises in the structural chemistry of zeolites. <i>Journal of Solid State Chemistry</i> , 1982 , 45, 368-380	3.3	26
3	A thermogravimetric and electron microscopy study of the decomposition of akaganeite. <i>Thermochimica Acta</i> , 1982 , 58, 45-51	2.9	13
2	The porous structure of synthetic akaganeite. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1981 , 43, 257-264		36
1	Bioactive Glass-Ceramic/Mesoporous Silica Composite Scaffolds for Bone Grafting and Drug Release. <i>Ceramic Transactions</i> , 123-129	0.1	