

VÃ-ctor M Orera

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Experience and lessons learnt in the design, fabrication and deployment of ceramic passive sampler for contaminant monitoring in water. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2021, , .	0.9	3
2	Reversible operation of microtubular solid oxide cells using $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{3-\delta}\text{-}\dot{\text{C}}\text{e}_{0.9}\text{Gd}_{0.1}\text{O}_{2-\delta}$ oxygen electrodes. Journal of Power Sources, 2018, 378, 184-189.	4.0	46
3	Design and characterization of macroporous alumina membranes for passive samplers of water contaminants. Journal of the European Ceramic Society, 2018, 38, 1853-1859.	2.8	5
4	Characterization of laser-processed thin ceramic membranes for electrolyte-supported solid oxide fuel cells. International Journal of Hydrogen Energy, 2017, 42, 13939-13948.	3.8	27
5	Development of a macroporous ceramic passive sampler for the monitoring of cytostatic drugs in water. Chemosphere, 2017, 182, 681-690.	4.2	21
6	Directionally-Solidified Eutectic Oxide Ceramics. , 2016, , .		0
7	Improved stability of reversible solid oxide cells with a nickelate-based oxygen electrode. Journal of Materials Chemistry A, 2016, 4, 1446-1453.	5.2	83
8	Directionally solidified $\text{Al}_2\text{O}_3\text{-}\dot{\text{Y}}\text{b}_3\text{Al}_5\text{O}_{12}$ eutectics for selective emitters. Solar Energy Materials and Solar Cells, 2016, 144, 405-410.	3.0	11
9	Directionally-Solidified Eutectic Oxide Ceramics. , 2016, , 216-224.		0
10	Electrochemical performance of intermediate temperature micro-tubular solid oxide fuel cells using porous ceria barrier layers. Ceramics International, 2015, 41, 7651-7660.	2.3	22
11	Microtubular solid oxide fuel cells with lanthanum strontium manganite infiltrated cathodes. International Journal of Hydrogen Energy, 2015, 40, 5469-5474.	3.8	29
12	Ceramics with photonic and optical applications. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2015, 54, 1-10.	0.9	27
13	Fabrication and Microstructure of Self-Supporting Thin Ceramic Electrolytes Prepared by Laser Machining. ECS Transactions, 2015, 68, 2129-2139.	0.3	1
14	Fibrillar $\text{Mn}_3\text{O}_4\text{-}\dot{\text{Y}}\text{Mn}_2\text{S}_2$ well-ordered eutectics with potential functional applications. Journal of the European Ceramic Society, 2015, 35, 909-918.	2.8	6
15	New polaritonic materials in the THz range made of directionally solidified halide eutectics. Journal of the European Ceramic Society, 2014, 34, 2061-2069.	2.8	16
16	Fabrication Methods and Performance in Fuel Cell and Steam Electrolysis Operation Modes of Small Tubular Solid Oxide Fuel Cells: A Review. Frontiers in Energy Research, 2014, 2, .	1.2	43
17	Optical absorption and selective thermal emission in directionally solidified $\text{Al}_2\text{O}_3\text{-Er}_3\text{Al}_5\text{O}_{12}$ and $\text{Al}_2\text{O}_3\text{-Er}_3\text{Al}_5\text{O}_{12}\text{-ZrO}_2$ eutectics. Journal of the European Ceramic Society, 2013, 33, 2587-2596.	2.8	37
18	Superplastic deformation of directionally solidified nanofibrillar $\text{Al}_2\text{O}_3\text{-}\dot{\text{Y}}\text{Al}_5\text{O}_{12}\text{-}\dot{\text{Z}}\text{rO}_2$ eutectics. Journal of the European Ceramic Society, 2013, 33, 2579-2586.	2.8	24

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19	Eutectic epsilon-near-zero metamaterial terahertz waveguides. Optics Letters, 2013, 38, 1140.	1.7	36
20	Long-term Stability Studies of Anode-supported Microtubular Solid Oxide Fuel Cells. Fuel Cells, 2013, 13, 1116-1122.	1.5	22
21	Eutectic terahertz metamaterials. , 2013, , .		0
22	Self-organization approach for THz polaritonic metamaterials. Optics Express, 2012, 20, 14663.	1.7	42
23	Interacting plasmon and phonon polaritons in aligned nano- and microwires. Optics Express, 2012, 20, 10879.	1.7	26
24	Micropillar compression of LiF [111] single crystals: Effect of size, ion irradiation and misorientation. International Journal of Plasticity, 2012, 36, 50-63.	4.1	69
25	Growth of eutectic ceramic structures by directional solidification methods. Journal of Crystal Growth, 2012, 360, 99-104.	0.7	46
26	Processing, microstructure and optical properties of the directionally solidified Al ₂ O ₃ -EuAlO ₃ eutectic rods. Journal of Crystal Growth, 2012, 360, 123-126.	0.7	16
27	Redox behaviour and ageing of GDC-Co cermets: A comparison between lamellar and conventional cermets. Solid State Ionics, 2012, 226, 30-36.	1.3	4
28	Directionally Solidified Al ₂ O ₃ -Er ₂ O ₃ Eutectic Ceramics with Interpenetrating or Nanofibrillar Microstructure: Residual Stress Analysis. Journal of the American Ceramic Society, 2012, 95, 1138-1146.	1.9	7
29	Electrolyte degradation in anode supported microtubular yttria stabilized zirconia-based solid oxide steam electrolysis cells at high voltages of operation. Journal of Power Sources, 2011, 196, 8942-8947.	4.0	131
30	Micro-spectroscopic study of the degradation of scandia and ceria stabilized zirconia electrolytes in solid oxide electrolysis cells. International Journal of Hydrogen Energy, 2011, 36, 13051-13058.	3.8	39
31	Mechanical properties of highly textured porous Ni-YSZ and Co-YSZ cermets produced from directionally solidified eutectics. Ceramics International, 2011, 37, 3123-3131.	2.3	8
32	Anode-supported microtubular cells fabricated with gadolinia-doped ceria nanopowders. Journal of Power Sources, 2011, 196, 1184-1190.	4.0	32
33	Performance and Aging of Microtubular YSZ-based Solid Oxide Regenerative Fuel Cells. Fuel Cells, 2011, 11, 116-123.	1.5	60
34	Microstructure and mechanical properties of Al ₂ O ₃ /Er ₃ Al ₅ O ₁₂ eutectic rods grown by the laser-heated floating zone method. Journal of the European Ceramic Society, 2011, 31, 1241-1250.	2.8	61
35	Directionally solidified CeO ₂ (or GDC)/CoO eutectic ceramics as cermet precursors for SOFCs anodes: Microstructure cross-over. Journal of the European Ceramic Society, 2011, 31, 1269-1276.	2.8	6
36	Self-Supporting Thin Yttria-Stabilised Zirconia Electrolytes for Solid Oxide Fuel Cells Prepared by Laser Machining. Journal of the Electrochemical Society, 2011, 158, B1193.	1.3	29

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37	Self-Supported Thin Yttria-Stabilized Zirconia Electrolytes for Solid Oxide Fuel Cells Prepared by Laser Machining. ECS Transactions, 2011, 35, 1193-1202.	0.3	0
38	Compositionally graded YSZâ€NiO composites by surface laser melting. Journal of the European Ceramic Society, 2010, 30, 147-152.	2.8	16
39	Textured cermets of CeO ₂ (or GDC) with Co for solid oxide fuel cells anodes. International Journal of Hydrogen Energy, 2010, 35, 11499-11504.	3.8	15
40	Solid-particle erosion of directionally solidified Al ₂ O ₃ â€ZrO ₂ (Y ₂ O ₃) eutectics. Wear, 2010, 268, 571-578.	1.5	7
41	Steam Electrolysis Using a Microtubular Solid Oxide Fuel Cell. Journal of the Electrochemical Society, 2010, 157, B852.	1.3	45
42	Raman spectroscopy studies of apatite-type germanate oxide ion conductors: correlation with interstitial oxide ion location and conduction. Journal of Materials Chemistry, 2010, 20, 2170.	6.7	30
43	Electromagnetic response of anisotropic eutectic metamaterials in THz range. , 2010, , .		2
44	High Efficiency Reversible Solid Oxide Microtubular Fuel Cells. ECS Transactions, 2009, 25, 865-872.	0.3	1
45	Cold laser machining of nickel-yttrium stabilised zirconia cermets: Composition dependence. Materials Research Bulletin, 2009, 44, 1910-1915.	2.7	15
46	Indentation Damage and Residual Stress Field in Aluminaâ€Y ₂ O ₃ â€Stabilized Zirconia Composites. Journal of the American Ceramic Society, 2009, 92, 152-160.	1.9	17
47	Laser spectroscopy of Nd ³⁺ ions in glasses with the 0.8CaSiO ₃ â€0.2Ca ₃ (PO ₄) ₂ eutectic composition. Optical Materials, 2009, 31, 1319-1322.	1.7	11
48	Ni-GDC microtubular cermets. Solid State Ionics, 2009, 180, 784-787.	1.3	8
49	Niâ€YSZ cermet micro-tubes with textured surface. Journal of the European Ceramic Society, 2009, 29, 85-90.	2.8	18
50	Near infrared to visible upconversion of Er ³⁺ in CaZrO ₃ /CaSZ eutectic crystals with ordered lamellar microstructure. Journal of Luminescence, 2009, 129, 1422-1427.	1.5	13
51	Spectroscopic properties and frequency upconversion of Er ³⁺ -doped 0.8CaSiO ₃ â€0.2Ca ₃ (PO ₄) ₂ eutectic glass. Optical Materials, 2009, 31, 1105-1108.	1.7	14
52	Redox behaviour of Gd-doped ceriaâ€nickel oxide composites. Journal of Power Sources, 2009, 192, 180-184.	4.0	11
53	Fabrication, electrochemical characterization and thermal cycling of anode supported microtubular solid oxide fuel cells. Journal of Power Sources, 2009, 192, 120-125.	4.0	72
54	Orientation relationship and interfaces in Ni and Co-YSZ cermets prepared from directionally solidified eutectics. Open Physics, 2009, 7, .	0.8	7

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55	Broadband laser tunability of Nd ³⁺ ions in 08CaSiO ₃ -02Ca ₃ (PO ₄) ₂ eutectic glass. Optics Express, 2009, 17, 4382.	1.7	21
56	Crystallography and thermal stability of textured Co-YSZ cermets from eutectic precursors. Journal of the European Ceramic Society, 2008, 28, 2325-2329.	2.8	17
57	High-temperature mechanical properties of porous NaMgF ₃ derived from directionally solidified NaMgF ₃ -NaF eutectics. Journal of the European Ceramic Society, 2008, 28, 2451-2457.	2.8	6
58	Laser drilling of Ni-YSZ cermets. Journal of the European Ceramic Society, 2008, 28, 2673-2680.	2.8	39
59	Effect of oxygen content on the ²⁹ Si NMR, Raman spectra and oxide ion conductivity of the apatite series, La _{8+x} Sr _{2-2x} (SiO ₄) ₆ O _{2+x} /2. Dalton Transactions, 2008, , 5296.	1.6	64
60	Upconversion processes of Er ³⁺ in ZrO ₂ -CaO eutectic crystals. , 2008, , .		1
61	SOFC mini-tubulares basadas en YSZ. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2008, 47, 189-195.	0.9	14
62	Ultra-High-Strength Nanofibrillar Al ₂ O ₃ -YAG-YSZ Eutectics. Advanced Materials, 2007, 19, 2313-2318.	11.1	156
63	Optical properties of Al ₂ O ₃ -YAG-YSZ eutectics. Journal of the European Ceramic Society, 2007, 27, 1111-1116.	1.7	5
64	Porous crystal structures obtained from directionally solidified eutectic precursors. Journal of Crystal Growth, 2007, 300, 387-393.	0.7	19
65	Degradaci3n ambiental de las propiedades mec3nicas de fibras monocristalinas de circona dopada con erbia. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2007, 46, 131-137.	0.9	0
66	High-Temperature Tensile Strength of Er ₂ O ₃ -Doped ZrO ₂ Single Crystals. Journal of the American Ceramic Society, 2006, 89, 060427083300077-???	1.9	0
67	High-temperature plastic behaviour of Al ₂ O ₃ -Y ₃ Al ₅ O ₁₂ directionally solidified eutectics. Acta Materialia, 2006, 54, 3107-3116.	3.8	45
68	Directionally solidified eutectic ceramic oxides. Progress in Materials Science, 2006, 51, 711-809.	16.0	464
69	Processing, microstructure and mechanical properties of directionally-solidified Al ₂ O ₃ -Y ₃ Al ₅ O ₁₂ -ZrO ₂ ternary eutectics. Journal of the European Ceramic Society, 2006, 26, 3113-3121.	2.8	112
70	Hydrothermal synthesis of Co-doped willemite powders with controlled particle size and shape. Journal of the European Ceramic Society, 2005, 25, 3165-3172.	2.8	37
71	Growth of Al ₂ O ₃ /ZrO ₂ (Y ₂ O ₃) eutectic rods by the laser floating zone technique: effect of the rotation. Journal of the European Ceramic Society, 2005, 25, 1341-1350.	2.8	31
72	Microstructure and mechanical properties of Al ₂ O ₃ -YSZ and Al ₂ O ₃ -YAG directionally solidified eutectic plates. Journal of the European Ceramic Society, 2005, 25, 1419-1429.	2.8	102

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73	Structured porous Ni- and Co-YSZ cermets fabricated from directionally solidified eutectic composites. Journal of the European Ceramic Society, 2005, 25, 1455-1462.	2.8	43
74	Stability of Channeled Ni-YSZ Cermets Produced from Self-Assembled NiO-YSZ Directionally Solidified Eutectics. Journal of the American Ceramic Society, 2005, 88, 3215-3217.	1.9	37
75	Stress Corrosion Cracking of Single-Crystal Tetragonal ZrO ₂ (Er ₂ O ₃). Journal of the American Ceramic Society, 2005, 88, 3125-3130.	1.9	13
76	NaCl-assisted growth of micrometer-wide long single crystalline fluoride fibres. Optical Materials, 2005, 27, 1726-1729.	1.7	19
77	Directionally Solidified Eutectic Oxide Ceramics. , 2005, , 1-9.		1
78	Influence of the Y ₂ O ₃ Content and Temperature on the Mechanical Properties of Melt-Grown Al ₂ O ₃ -ZrO ₂ Eutectics. Journal of the American Ceramic Society, 2004, 87, 633-639.	1.9	78
79	Directionally solidified calcia stabilised zirconia-nickel oxide plates in anode supported solid oxide fuel cells. Journal of the European Ceramic Society, 2004, 24, 1349-1353.	2.8	24
80	YSZ Thin Films Deposited on NiO-CSZ Anodes by Pulsed Injection MOCVD for Intermediate Temperature-SOFC Applications. Chemical Vapor Deposition, 2004, 10, 249-252.	1.4	10
81	Preparation through Aerosols of Cr-Doped Y ₂ Sn ₂ O ₇ (Pyrochlore) Red-Shadow Pigments and Determination of the Cr Oxidation State. Journal of the American Ceramic Society, 2004, 87, 2108-2113.	1.9	50
82	Resolidificaci3n superficial de eut3cticos Al ₂ O ₃ -YSZ asistida por l3ser. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 855-862.	0.9	5
83	Resolidificaci3n con l3ser de barreras t3rmicas de circona depositadas por proyecci3n t3rmica plasma (APS). Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 925-928.	0.9	4
84	Oxidation state and localization of chromium ions in Cr-doped cassiterite and Cr-doped malayaite. Acta Materialia, 2003, 51, 2371-2381.	3.8	68
85	Microstructure-size dependence of the 1.520 μm Er ³⁺ luminescence lifetime in Al ₂ O ₃ -ZrO ₂ eutectic melt growth composites. Applied Physics Letters, 2002, 80, 589-591.	1.5	8
86	Spectroscopic properties of Er ³⁺ and Nd ³⁺ doped glasses with the 0.8CaSiO ₃ -0.2Ca ₃ (PO ₄) ₂ eutectic composition. Journal of Non-Crystalline Solids, 2002, 298, 23-31.	1.5	44
87	Piezo-spectroscopy at low temperatures: residual stresses in Al ₂ O ₃ -ZrO ₂ (Y ₂ O ₃) eutectics measured from 77 to 350 K. Acta Materialia, 2002, 50, 4677-4686.	3.8	20
88	ZrO ₂ -Al ₂ O ₃ eutectic plates produced by laser zone melting. Journal of the European Ceramic Society, 2002, 22, 191-198.	2.8	129
89	Microstructure of Y ₂ O ₃ doped Al ₂ O ₃ -ZrO ₂ eutectics grown by the laser floating zone method. Journal of the European Ceramic Society, 2002, 22, 2595-2602.	2.8	108
90	Oxide thin film deposition on eutectic substrates. Thin Solid Films, 2002, 405, 87-91.	0.8	3

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91	Phase Distribution and Residual Stresses in Melt-Grown $\text{Al}_2\text{O}_3\text{-ZrO}_2(\text{Y}_2\text{O}_3)$ Eutectics. <i>Journal of the American Ceramic Society</i> , 2002, 85, 2025-2032.	1.9	68
92	Mechanical properties of directionally solidified $\text{Al}_2\text{O}_3\text{-ZrO}_2(\text{Y}_2\text{O}_3)$ eutectics. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001, 308, 241-249.	2.6	117
93	A New Approach to Obtain Strip-Structured Biepitaxial $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Films by Using Ca-Stabilized Zirconia- CaZrO_3 Eutectic Substrates. <i>Advanced Materials</i> , 2000, 12, 116-119.	11.1	12
94	Structural and optical properties of yttria-stabilized-zirconia films grown by MOCVD. <i>Thin Solid Films</i> , 2000, 370, 173-178.	0.8	25
95	Microstructure and physical properties of some oxide eutectic composites processed by directional solidification. <i>Acta Materialia</i> , 2000, 48, 4683-4689.	3.8	70
96	Concentration and temperature dependence of Nd^{3+} luminescence in LaGaO_3 . <i>Journal of Luminescence</i> , 2000, 86, 147-153.	1.5	23
97	Microstructure and Physical Properties of $\text{CaF}_2\text{-MgO}$ Eutectics Produced by the Bridgman Method. <i>Journal of Materials Research</i> , 2000, 15, 1314-1319.	1.2	29
98	Piezospectroscopic Study of Residual Stresses in $\text{Al}_2\text{O}_3\text{-ZrO}_2$ Directionally Solidified Eutectics. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2745-2752.	1.9	68
99	EPR anisotropy induced by a magnetic field in the smectic A phase of a mesogenic $\text{Cu}(\text{II})$ complex derived from a Schiff's base. <i>Liquid Crystals</i> , 1999, 26, 649-655.	0.9	4
100	Orientation relationship and interfaces in nonfaceted-nonfaceted $\text{ZrO}_2(\text{c})\text{-CaZrO}_3$ lamellar eutectics. <i>Journal of Materials Research</i> , 1999, 14, 2588-2593.	1.2	12
101	Structured $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films grown on aligned calcium stabilized zirconia-calcium zirconate lamellar eutectic substrates. <i>European Physical Journal Special Topics</i> , 1999, 09, Pr8-307-Pr8-311.	0.2	0
102	Tetragonally distorted Cr^{2+} ions in BaF_2 and SrCl_2 studied by ESEEM spectroscopy. <i>Applied Magnetic Resonance</i> , 1998, 15, 155-168.	0.6	6
103	Preparation by hydrolysis of aerosols and colour properties of Cr-doped and Co-doped zircon powders. <i>Journal of the European Ceramic Society</i> , 1998, 18, 821-830.	2.8	23
104	Cation-radical salts with organometallic gold anions. X-ray structure of $[\text{TTFPh}]_2[\text{Au}(\text{C}_6\text{F}_5)_2]$. <i>Synthetic Metals</i> , 1998, 92, 245-251.	2.1	8
105	Synthesis, Structural Characterization, and Luminescence Studies of Gold(I) and Gold(III) Complexes with a Triphosphine Ligand. <i>Inorganic Chemistry</i> , 1998, 37, 5125-5130.	1.9	50
106	Raman and x-ray study of perovskite solid solutions. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 11687-11702.	0.7	40
107	Magnetic susceptibility of NdGaO_3 at low temperatures: A quasi-two-dimensional Ising behavior. <i>Physical Review B</i> , 1998, 58, 798-804.	1.1	20
108	Vibrational spectroscopy of single crystals. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 7501-7510.	0.7	37

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109	Spectroscopic Studies on the Localization of Vanadium(IV) in Vanadium-Doped Zircon Pigments. <i>Journal of the American Ceramic Society</i> , 1998, 81, 395-400.	1.9	32
110	Prospects of new planar optical waveguides based on eutectic microcomposites of insulating crystals: The ZrO ₂ (c)-CaZrO ₃ erbium doped system. <i>Applied Physics Letters</i> , 1997, 71, 2746-2748.	1.5	33
111	Luminescence properties of ZrO ₂ -CaO eutectic crystals with ordered lamellar microstructure activated with Er ³⁺ ions. <i>Physical Review B</i> , 1997, 56, 10907-10915.	1.1	40
112	Ionic Relaxation around the Jahn-Teller Distorted Cr ²⁺ Ion in SrF ₂ :Cr Studied by ESEEM*. <i>Zeitschrift Fur Physikalische Chemie</i> , 1997, 201, 75-82.	1.4	1
113	Optical and electron paramagnetic resonance characterization of Dy ³⁺ in YSZ single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 1579-1585.	1.9	18
114	Aligned ZrO ₂ (c)-CaZrO ₃ eutectics grown by the laser floating zone method: Electrical and optical properties. <i>Advanced Materials</i> , 1996, 8, 909-912.	11.1	38
115	Charge-transfer salts with mononuclear and dinuclear gold(I) complexes: x-ray structure of [Au(CH ₂ PPh ₃) ₂](TCNQ) (TCNQ = 7,7,8,8-tetracyanoquinodimethane). <i>Journal of Organometallic Chemistry</i> , 1996, 506, 203-210.	0.8	16
116	Dynamical effects on the electronic spin relaxation of an off-centre interstitial hydrogen in SrF ₂ and BaF ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 1996, 57, 1861-1867.	1.9	5
117	Structure of the Jahn-Teller distorted Cr ²⁺ -defect in SrF ₂ :Cr by electron-spin-echo envelope modulation. <i>Physical Review B</i> , 1996, 54, 12099-12108.	1.1	16
118	Continuous-wave and pulsed EPR studies of Cr ²⁺ -defects in CaF ₂ . <i>Physical Review B</i> , 1996, 53, 3047-3054.	1.1	21
119	An electron paramagnetic resonance study of the tetragonally distorted ion in and. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 7179-7190.	0.7	7
120	The Preparation of CdS Particles in Silica Glasses by a Sol-Gel Method. <i>Journal of Solid State Chemistry</i> , 1995, 118, 1-5.	1.4	26
121	Correlation between intrinsic electron traps and electrical conductivity in stabilized zirconia. <i>Solid State Ionics</i> , 1995, 76, 97-102.	1.3	23
122	Paramagnetic electron traps in reduced stabilized zirconia. <i>Physical Review B</i> , 1995, 52, 6150-6153.	1.1	32
123	Magnetic exchange effects in nematogenic Schiff's base Cu(II) complexes. An EPR study. <i>Liquid Crystals</i> , 1995, 19, 603-613.	0.9	9
124	Axial anisotropy of Co ²⁺ in CdSe from the magnetization step and EPR. <i>Physical Review B</i> , 1995, 51, 15211-15217.	1.1	27
125	Enhanced raman scattering of phonons in CaF ₂ and MgO containing Ca and Li colloids. <i>Radiation Effects and Defects in Solids</i> , 1995, 137, 99-103.	0.4	2
126	The optical properties of the Nd ³⁺ ion in NdGaO ₃ and LaGaO ₃ :Nd: temperature and concentration dependence. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 9657-9673.	0.7	14

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127	Synthesis, Structural Characterization, and Spectroscopic Studies of Heterodimetallic [NBu ₄][(C ₆ F ₅) ₃ Pt(μ-Pb)(μ-X)Pt(C ₆ F ₅) ₃] (X = Cl, OH) Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 6514-6519.	1.9	30
128	EPR of jahn-teller Cf ₂ +in CaF ₂ , BaF ₂ and SrCl ₂ . <i>Radiation Effects and Defects in Solids</i> , 1995, 135, 179-182.	0.4	2
129	The enhanced Raman scattering of phonons in CaF ₂ and MgO samples containing Ca and Li colloids. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 9647-9657.	0.7	9
130	Electron Paramagnetic Resonance as a Tool for Monitoring Overexpression in Escherichia coli of Fully Functional Flavodoxin. <i>Analytical Biochemistry</i> , 1994, 218, 255-258.	1.1	4
131	Ce ³⁺ →Ce ⁴⁺ conversion in ceria-doped zirconia single crystals induced by oxido-reduction treatments. <i>Solid State Ionics</i> , 1994, 72, 224-231.	1.3	57
132	EPR and optical study of Ni ²⁺ ions in CsCaF ₃ and CsCdF ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 1994, 55, 263-272.	1.9	38
133	Site resolution spectroscopy of Nd ³⁺ in Yttrium Stabilized Zirconia. <i>Solid State Communications</i> , 1993, 88, 435-438.	0.9	8
134	Luminescence of tetrahedrally coordinated Co ²⁺ in zirconia. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 3717-3726.	0.7	17
135	Persistence of short range order in the fluid phases of a mesogen copper complex studied by EPR. <i>Liquid Crystals</i> , 1993, 13, 585-596.	0.9	27
136	X-ray and Raman study of the low temperature NH ₄ MnF ₃ structure; evidence of librational motion of the NH ₄ ⁺ ion. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 283-300.	0.7	15
137	Spectroscopic characterization of Er ³⁺ in stabilized zirconia single crystals. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 8491-8502.	0.7	33
138	Electron and hole trapped defects produced by thermoreduction or irradiation in Stabilized Zirconia. <i>Radiation Effects and Defects in Solids</i> , 1991, 119-121, 907-912.	0.4	7
139	Optical properties of ZnF ₂ -CdF ₂ glasses doped with 4f ions. <i>Materials Research Bulletin</i> , 1991, 26, 741-748.	2.7	20
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