

# Bianchi Mendez

## List of Publications by Year in descending order

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141  
papers

1,841  
citations

304368

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360668

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144  
docs citations

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times ranked

1658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide Dynamic Range Thermometer Based on Luminescent Optical Cavities in Ga <sub>2</sub> O <sub>3</sub> :Cr Nanowires. Small, 2022, 18, e2105355.	5.2	8
2	Intense cold-white emission due to native defects in Zn <sub>2</sub> GeO <sub>4</sub> nanocrystals. Journal of Alloys and Compounds, 2022, 898, 162993.	2.8	4
3	Kinetic Study of the Thermal Quenching of the Ultraviolet Emission in Zn <sub>2</sub> GeO <sub>4</sub> Microrods. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	1.2	3
4	Study of NiGa <sub>2</sub> O <sub>4</sub> microneedles grown by a thermal-evaporation method. Journal of Alloys and Compounds, 2022, , 165718.	2.8	2
5	Near-UV optical cavities in Ga <sub>2</sub> O <sub>3</sub> nanowires. Optics Letters, 2021, 46, 278.	1.7	2
6	Zn <sub>2</sub> GeO <sub>4</sub> /SnO <sub>2</sub> Nanowire Heterostructures Driven by Plateauâ€“Rayleigh Instability. Crystal Growth and Design, 2020, 20, 506-513.	1.4	9
7	Hybrid solar cells with Î²- and Î³- gallium oxide nanoparticles. Materials Letters, 2020, 261, 127088.	1.3	13
8	Raman response of topologically protected surface states in subâ€“micrometric Pb 0.77 Sn 0.23 Se flakes. Journal of Raman Spectroscopy, 2020, 51, 2489-2495.	1.2	1
9	Influence of an external electric field on the rapid synthesis of MoO <sub>3</sub> micro- and nanostructures by Joule heating of Mo wires. RSC Advances, 2020, 10, 11892-11897.	1.7	4
10	Ge incorporation in gallium oxide nanostructures grown by thermal treatment. Journal of Materials Science, 2020, 55, 11431-11438.	1.7	5
11	The role of surface properties in the cathodoluminescence of Zn <sub>2</sub> GeO <sub>4</sub> /SnO <sub>2</sub> nanowire heterostructures. Materials Letters, 2020, 275, 128152.	1.3	3
12	Understanding the UV luminescence of zinc germanate: The role of native defects. Acta Materialia, 2020, 196, 626-634.	3.8	12
13	New insights into the luminescence properties of a Na stabilized Gaâ€“Ti oxide homologous series. Journal of Materials Chemistry C, 2020, 8, 2725-2731.	2.7	2
14	Micro-Opto-Electro-Mechanical Device Based on Flexible Î²-Ga <sub>2</sub> O <sub>3</sub> Micro-Lamellas. ECS Journal of Solid State Science and Technology, 2019, 8, Q3235-Q3241.	0.9	3
15	Quantum nanoconstrictions fabricated by cryo-etching in encapsulated graphene. Scientific Reports, 2019, 9, 13572.	1.6	16
16	Probing surface states in C <sub>60</sub> decorated ZnO microwires: detailed photoluminescence and cathodoluminescence investigations. Nanoscale Advances, 2019, 1, 1516-1526.	2.2	18
17	Chiral Microneedles from an Achiral Bis(boron dipyrromethene): Spontaneous Mirror Symmetry Breaking Leading to a Promising Photoluminescent Organic Material. Langmuir, 2019, 35, 5021-5028.	1.6	6
18	Eu Activation in Î²-Ga <sub>2</sub> O <sub>3</sub> MOVPE Thin Films by Ion Implantation. ECS Journal of Solid State Science and Technology, 2019, 8, Q3097-Q3102.	0.9	15

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19	Incorporation of Europium into GaN Nanowires by Ion Implantation. Journal of Physical Chemistry C, 2019, 123, 11874-11887.	1.5	12
20	Direct observation of tunnelled intergrowth in SnO <sub>2</sub> /Ga <sub>2</sub> O <sub>3</sub> complex nanowires. Nanotechnology, 2019, 30, 054004.	1.3	2
21	Exciting and confining light in Cr doped gallium oxide. , 2019, , .		1
22	Efficient white-light emission from Zn <sub>2</sub> GeO <sub>4</sub> nanomaterials. , 2019, , .		0
23	Electronic and Nanostructured Functional Materials Dedication to Professor Javier Piqueras. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800703.	0.8	0
24	Structural and Luminescence Properties of Ga <sub>2</sub> O <sub>3</sub> :Zn Micro- and Nanostructures. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800217.	0.8	11
25	Correlative Study of Vibrational and Luminescence Properties of Zn <sub>2</sub> GeO <sub>4</sub> Microrods. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800270.	0.8	12
26	Rapid Synthesis of Undoped and Er Doped MoO <sub>3</sub> Layered Plates by Resistive Heating of Molybdenum: Structural and Optical Properties. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800471.	0.8	5
27	Modal Analysis of $\hat{I}^2$ Ga <sub>2</sub> O <sub>3</sub> :Cr Widely Tunable Luminescent Optical Microcavities. Physical Review Applied, 2018, 9, .		13
28	Size-selective breaking of the core-shell structure of gallium nanoparticles. Nanotechnology, 2018, 29, 355707.	1.3	16
29	Raman and cathodoluminescence analysis of transition metal ion implanted Ga <sub>2</sub> O <sub>3</sub> nanowires. Journal of Luminescence, 2017, 191, 56-60.	1.5	15
30	Tailoring the shape of oxide complex nanostructures. Proceedings of SPIE, 2017, , .	0.8	1
31	Shape Engineering Driven by Selective Growth of SnO <sub>2</sub> on Doped Ga <sub>2</sub> O <sub>3</sub> Nanowires. Nano Letters, 2017, 17, 515-522.	4.5	26
32	3D and 2D growth of SnO <sub>2</sub> nanostructures on Ga <sub>2</sub> O <sub>3</sub> nanowires: synthesis and structural characterization. CrystEngComm, 2017, 19, 6127-6132.	1.3	6
33	Doping $\hat{I}^2$ -Ga <sub>2</sub> O <sub>3</sub> with europium: influence of the implantation and annealing temperature. Journal Physics D: Applied Physics, 2017, 50, 325101.	1.3	26
34	Influence of Li doping on the morphology and luminescence of Ga <sub>2</sub> O <sub>3</sub> microrods grown by a vapor-solid method. Semiconductor Science and Technology, 2016, 31, 115003.	1.0	23
35	Synthesis and optical properties of Zn <sub>2</sub> GeO <sub>4</sub> microrods. Acta Materialia, 2016, 104, 84-90.	3.8	21
36	Raman study of phase transitions induced by thermal annealing and laser irradiation in antimony oxide micro- and nanostructures. CrystEngComm, 2016, 18, 2541-2545.	1.3	13

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37	The role of impurities in the shape, structure and physical properties of semiconducting oxide nanostructures grown by thermal evaporation. AIMS Materials Science, 2016, 3, 425-433.	0.7	2
38	Thermal growth and optical properties of zinc germanate microrods. , 2015, , .		1
39	Doping of Ga <sub>2</sub> O <sub>3</sub> bulk crystals and NWs by ion implantation. Proceedings of SPIE, 2014, , .	0.8	12
40	Epitaxial growth of luminescent Sn-Cr doped $\hat{\Gamma}^2$ -Ga <sub>2</sub> O <sub>3</sub> nanowires. Materials Research Society Symposia Proceedings, 2014, 1707, 44.	0.1	0
41	Study of the relationship between crystal structure and luminescence in rare-earth-implanted Ga <sub>2</sub> O <sub>3</sub> nanowires during annealing treatments. Journal of Materials Science, 2014, 49, 1279-1285.	1.7	29
42	Influence of growth temperature on the morphology and luminescence of Ga <sub>2</sub> O <sub>3</sub> :Mn nanowires. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 494-497.	0.8	9
43	Study of mechanical resonances of Sb <sub>2</sub> O <sub>3</sub> micro- and nanorods. Nanotechnology, 2014, 25, 235701.	1.3	10
44	Crossed Ga <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> Multiwire Architecture: A Local Structure Study with Nanometer Resolution. Nano Letters, 2014, 14, 5479-5487.	4.5	33
45	Hierarchical ZnGa <sub>2</sub> O <sub>4</sub> and Cr doped Zn <sub>1-x</sub> Mn <sub>x</sub> Ga <sub>2</sub> O <sub>4</sub> nanostructures for room temperature light-emitting devices. Materials Research Express, 2014, 1, 025017.	0.8	7
46	$\hat{\Gamma}^2$ -Ga <sub>2</sub> O <sub>3</sub> nanowires for an ultraviolet light selective frequency photodetector. Journal Physics D: Applied Physics, 2014, 47, 415101.	1.3	42
47	Functional Nanowires: Synthesis, Characterization and Applications. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 313-314.	0.8	0
48	Sb <sub>2</sub> O <sub>3</sub> microrods: self-assembly phenomena, luminescence and phase transition. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	11
49	Influence of Sn and Cr Doping on Morphology and Luminescence of Thermally Grown Ga <sub>2</sub> O <sub>3</sub> Nanowires. Journal of Physical Chemistry C, 2013, 117, 3036-3045.	1.5	55
50	Enhanced red emission from praseodymium-doped GaN nanowires by defect engineering. Acta Materialia, 2013, 61, 3278-3284.	3.8	22
51	A comparative study of photo-, cathodo- and ionoluminescence of GaN nanowires implanted with rare earth ions. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 201-206.	0.6	8
52	Nanostructures and thin films of transparent conductive oxides studied by perturbed angular correlations. Physica Status Solidi (B): Basic Research, 2013, 250, 801-808.	0.7	4
53	Towards the understanding of the intentionally induced yellow luminescence in GaN nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 667-672.	0.8	8
54	Waveguiding and confinement of light in semiconductor oxide microstructures. Proceedings of SPIE, 2013, , .	0.8	1

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55	Enhanced dynamic annealing and optical activation of Eu implanted a-plane GaN. Europhysics Letters, 2012, 97, 68004.	0.7	15
56	In-Doped Gallium Oxide Micro- and Nanostructures: Morphology, Structure, and Luminescence Properties. Journal of Physical Chemistry C, 2012, 116, 3935-3943.	1.5	61
57	Study of luminescence and optical resonances in Sb <sub>2</sub> O <sub>3</sub> micro- and nanotriangles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	15
58	Resonant cavity modes in gallium oxide microwires. Applied Physics Letters, 2012, 100, 261910.	1.5	23
59	Doped gallium oxide nanowires for photonics. Proceedings of SPIE, 2012, , .	0.8	10
60	Micro- and nanostructures of Sb <sub>2</sub> O <sub>3</sub> grown by evaporation deposition: Self assembly phenomena, fractal and dendritic growth. Materials Chemistry and Physics, 2012, 135, 1096-1103.	2.0	22
61	Field emission properties of gallium oxide micro- and nanostructures in the scanning electron microscope. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 113-117.	0.8	20
62	Cathodoluminescence of rare earth implanted Ga <sub>2</sub> O <sub>3</sub> and GeO <sub>2</sub> nanostructures. Nanotechnology, 2011, 22, 285706.	1.3	39
63	Assessment of waveguiding properties of gallium oxide nanostructures by angle resolved cathodoluminescence in a scanning electron microscope. Ultramicroscopy, 2011, 111, 1037-1042.	0.8	8
64	Synthesis and characterization of silicon-doped gallium oxide nanowires for optoelectronic UV applications. Journal of Nanoparticle Research, 2011, 13, 1833-1839.	0.8	23
65	Surface electron gases generated by Ar <sup>+</sup> ion bombardment of GaN nanowires. Applied Physics Letters, 2011, 98, 103101.	1.1	40
66	Cathodoluminescence study of isoelectronic doping of gallium oxide nanowires. Superlattices and Microstructures, 2009, 45, 156-160.	1.4	10
67	Europium doped gallium oxide nanostructures for room temperature luminescent photonic devices. Nanotechnology, 2009, 20, 115201.	1.3	56
68	GeO <sub>2</sub> Nanowires Doped with Optically Active Ions. Journal of Physical Chemistry C, 2009, 113, 17200-17205.	1.5	32
69	Cathodoluminescence characterization of rare earth doped composite materials based on porous GaP. Journal of Materials Science, 2008, 43, 680-683.	1.7	4
70	Visible and infrared luminescence study of Er doped In <sub>2</sub> -Ga <sub>2</sub> O <sub>3</sub> and Er <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> . Journal Physics D: Applied Physics, 2008, 41, 065406.	1.3	29
71	Visible cathodoluminescence of Er ions in In <sub>2</sub> -Ga <sub>2</sub> O <sub>3</sub> nanowires and microwires. Nanotechnology, 2008, 19, 035713.	1.3	22
72	Sn doped GeO <sub>2</sub> nanowires with waveguiding behavior. Nanotechnology, 2008, 19, 455705.	1.3	13

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73	Doped gallium oxide nanowires with waveguiding behavior. Applied Physics Letters, 2007, 91, 133108.	1.5	60
74	High aspect ratio GeO <sub>2</sub> nano- and microwires with waveguiding behaviour. Nanotechnology, 2007, 18, 155203.	1.3	32
75	Red luminescence of Cr in ZnO nanowires. Journal of Applied Physics, 2007, 101, 033517.	1.1	75
76	Cathodoluminescence study of ytterbium doped GaSb. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 121, 108-111.	1.7	1
77	GeO <sub>2</sub> nanowires and nanoneedles grown by thermal deposition without a catalyst. Nanotechnology, 2005, 16, 2521-2524.	1.3	57
78	Cathodoluminescence from ZnO nanowires. Applied Physics Letters, 2005, 86, 113112.	1.5	89
79	GROWTH AND LUMINESCENCE OF ELONGATED MICRO- AND NANOSTRUCTURES OF OXIDE SEMICONDUCTORS. , 2005, , .		0
80	Characterization of GaSb-based heterostructures by scanning electron microscope cathodoluminescence and scanning tunnelling microscope. Journal of Physics Condensed Matter, 2004, 16, S251-S260.	0.7	0
81	Formation of porous layers on n-GaSb by electrochemical etching. Semiconductor Science and Technology, 2004, 19, 902-905.	1.0	3
82	Resonant excitation of Er ion luminescence in a nanocrystalline silicon matrix. EPJ Applied Physics, 2004, 27, 75-79.	0.3	5
83	Visible cathodoluminescence from nanocrystalline GaSb obtained by mechanical milling. Journal of Applied Physics, 2003, 94, 7729.	1.1	5
84	Electrical characterization of nanocrystalline Si films by scanning tunnelling spectroscopy and beam-induced current in the scanning tunnelling microscope. Nanotechnology, 2003, 14, 65-68.	1.3	3
85	Visible luminescence of erbium oxide layers grown on crystalline and amorphous silicon. Journal Physics D: Applied Physics, 2002, 35, 295-298.	1.3	18
86	Study of thermal treated a-Si implanted with Er and O ions. Journal of Physics Condensed Matter, 2002, 14, 13153-13159.	0.7	2
87	Cathodoluminescence from Er <sub>2</sub> O <sub>3</sub> -doped n-type GaSb:Te crystals. Journal of Physics Condensed Matter, 2002, 14, 13211-13215.	0.7	6
88	Visible cathodoluminescence from mechanically milled germanium. Semiconductor Science and Technology, 2002, 17, 1267-1271.	1.0	15
89	STM-REBIC study of nanocrystalline and crystalline silicon.. Materials Research Society Symposia Proceedings, 2002, 738, 761.	0.1	0
90	Study of the defect structure, compositional and electrical properties of Er <sub>2</sub> O <sub>3</sub> -doped n-type GaSb:Te crystals grown by the vertical Bridgman technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 91-92, 529-533.	1.7	1

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91	Compositional and structural analysis of Nd-doped GaSb bulk crystals grown by the vertical Bridgman technique. <i>Journal of Crystal Growth</i> , 2002, 241, 283-288.	0.7	4
92	Luminescence from erbium oxide grown on silicon. <i>Materials Research Society Symposia Proceedings</i> , 2001, 692, 1.	0.1	1
93	Study of Zn diffusion in n-type GaSb by cathodoluminescence and scanning tunneling spectroscopy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 80, 125-129.	1.7	2
94	Electrical and compositional properties on Bridgman-grown Gd-doped GaSb substrates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 81, 157-160.	1.7	3
95	Scanning tunnelling microscopy and spectroscopy of nanocrystalline silicon films. <i>Semiconductor Science and Technology</i> , 2001, 16, 789-792.	1.0	6
96	Polishing, chemical etching and thermal treatment effects on surface and electrical properties of Er and Nd-doped GaSb substrates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 71, 282-287.	1.7	9
97	Cathodoluminescence from Implanted and Anodized Polycrystalline Silicon Films. <i>Journal of Porous Materials</i> , 2000, 7, 291-294.	1.3	7
98	Effect of In doping in GaSb crystals studied by cathodoluminescence. <i>Semiconductor Science and Technology</i> , 1999, 14, 901-904.	1.0	5
99	Scanning tunneling spectroscopy of transition-metal-doped GaSb. <i>Physical Review B</i> , 1999, 60, 10613-10615.	1.1	6
100	Scanning tunneling spectroscopy study of erbium doped GaSb crystals. <i>Journal of Applied Physics</i> , 1999, 86, 1449-1451.	1.1	5
101	Cathodoluminescence enhancement in porous silicon cracked in vacuum. <i>Applied Physics Letters</i> , 1999, 74, 1728-1730.	1.5	16
102	Effect of Er dopant in GaSb bulk crystals grown by vertical Bridgman technique. <i>Journal of Crystal Growth</i> , 1999, 198-199, 379-383.	0.7	10
103	Cathodoluminescence from nanocrystalline silicon films and porous silicon. <i>Applied Physics A: Materials Science and Processing</i> , 1999, 68, 329-331.	1.1	16
104	Study of GaSb Junction Devices by Cathodoluminescence and Scanning Tunneling Spectroscopy. <i>Materials Research Society Symposia Proceedings</i> , 1999, 588, 239.	0.1	0
105	Analysis of Mexican obsidians by IBA techniques. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1998, 136-138, 888-892.	0.6	7
106	Decoration of extended defects in GaSb by Al doping as evidenced by cathodoluminescence studies. <i>Solid State Communications</i> , 1998, 108, 997-1000.	0.9	3
107	Cathodoluminescence from Nanocrystalline Silicon Films in the Scanning Electron Microscope. <i>Solid State Phenomena</i> , 1998, 63-64, 191-198.	0.3	2
108	Effect of Erbium on the Luminescence Properties of GaSb Crystals. <i>Solid State Phenomena</i> , 1998, 63-64, 215-220.	0.3	2

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109	Effect of erbium doping on the defect structure of GaSb crystals. Semiconductor Science and Technology, 1998, 13, 1431-1433.	1.0	12
110	Luminescence properties of transition-metal-doped GaSb. Physical Review B, 1998, 57, 6479-6484.	1.1	23
111	Correlative SEM/STM Study of Local Electronic Properties in Compound Semiconductors. Solid State Phenomena, 1998, 63-64, 273-282.	0.3	0
112	Impurity Segregation in Al Doped GaSb Studied by Cathodoluminescence Microscopy. Materials Research Society Symposia Proceedings, 1998, 510, 639.	0.1	0
113	Light Emitting Nanostructures in Implanted Silicon Layers. Materials Research Society Symposia Proceedings, 1998, 536, 63.	0.1	2
114	Nature of compensating luminescence centers in Te-diffused and $\delta$ -doped GaSb. Journal of Applied Physics, 1996, 80, 1112-1115.	1.1	58
115	Cathodoluminescence microscopy of doped GaSb crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 42, 38-42.	1.7	12
116	Cathodoluminescence studies of growth and process-induced defects in bulk gallium antimonide. Applied Physics Letters, 1995, 67, 2648-2650.	1.5	33
117	Fibonacci superlattices of narrow-gap III-V semiconductors. Semiconductor Science and Technology, 1995, 10, 797-802.	1.0	17
118	Electronic structure of Si $\delta$ -doped GaAs in an electric field. Semiconductor Science and Technology, 1994, 9, 263-271.	1.0	24
119	Sawtooth superlattices in a two-band semiconductor. Semiconductor Science and Technology, 1994, 9, 1358-1362.	1.0	6
120	A relativistic equation for a slowly varying potential. Journal of Physics A, 1994, 27, 3539-3546.	1.6	2
121	Exciton trapping in one-dimensional systems with correlated disorder. Physical Review B, 1994, 49, 3839-3843.	1.1	19
122	Stark ladders in periodically Si $\delta$ -doped GaAs. Physical Review B, 1994, 49, 11471-11474.	1.1	17
123	Spatial distribution of recombination centers in GaAs:Te: Effects of the doping level. Journal of Applied Physics, 1994, 76, 987-992.	1.1	1
124	Electronic structure of Fibonacci Si $\delta$ -doped GaAs. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 194, 184-190.	0.9	9
125	Exact Solutions of Two-Band Models of Graded-Gap Superlattices. Physica Status Solidi (B): Basic Research, 1994, 184, K53.	0.7	0
126	Study of defects in implanted GaAs: Te by cathodoluminescence. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1994, 24, 138-140.	1.7	0



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127	Numerical study of electron tunneling through heterostructures. American Journal of Physics, 1994, 62, 143-147.	0.3	9
128	A transfer matrix method for the determination of one-dimensional band structures. Journal of Physics A, 1993, 26, 171-177.	1.6	16
129	Scanning electron acoustic microscopy of indium-doped semi-insulating GaAs. Semiconductor Science and Technology, 1993, 8, 320-321.	1.0	6
130	Level shift under the influence of relativistic point interaction potentials. Journal of Physics A, 1992, 25, 2065-2070.	1.6	5
131	Application of scanning electron acoustic microscopy to the characterization of n-type and semi-insulating GaAs. Applied Physics Letters, 1992, 60, 1357-1359.	1.5	6
132	Relativistic particles in orthogonal electric and magnetic fields with confining scalar potentials. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1992, 107, 489-495.	0.2	12
133	A solvable two-body Dirac equation in one space dimension. Canadian Journal of Physics, 1991, 69, 780-785.	0.4	5
134	Influence of Te concentration on the infrared cathodoluminescence of GaAs:Te wafers. Journal of Applied Physics, 1991, 69, 2776-2779.	1.1	22
135	Non-local separable potential approach to multicentre interactions. Molecular Physics, 1991, 74, 1065-1069.	0.8	9
136	A simple numerical method for the determination of relativistic one-dimensional band structures. Journal of Physics A, 1991, 24, L331-L336.	1.6	8
137	CHARACTERIZATION OF SEMIINSULATING GaAs : Cr BY SCANNING ELECTRON ACOUSTIC MICROSCOPY. European Physical Journal Special Topics, 1991, 01, C6-295-C6-296.	0.2	0
138	Spatial distribution of defects in GaAs:Te wafers studied by cathodoluminescence. Journal of Applied Physics, 1988, 64, 4466-4468.	1.1	6
139	Application of cathodoluminescence microscopy to the study of native acceptors in gallium antimonide. , 0, , .		0
140	Growth mechanism of light emitting silicon nanostructures. , 0, , .		0
141	Cathodoluminescence investigation of the electronic states in nanocrystalline silicon. , 0, , .		0