

Dominique Muller

List of Publications by Year in descending order

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135
papers

2,309
citations

186265

28
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265206

42
g-index

136
all docs

136
docs citations

136
times ranked

2547
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropy of Co nanoparticles induced by swift heavy ions. Physical Review B, 2003, 67, .	3.2	158
2	Paramagnetism of the Co sublattice in ferromagnetic $\text{Zn}_{1-x}\text{Co}_x\text{O}$ films. Physical Review B, 2007, 76, .	3.2	82
3	Perpendicular anisotropy and antiferromagnetic coupling in Co/Ru strained superlattices. Physical Review B, 1992, 45, 7768-7771.	2.5	78
4	Structural, optical, and electrical properties of Yb-doped ZnO thin films prepared by spray pyrolysis method. Journal of Applied Physics, 2011, 109, 033708.	6.2	74
5	Room temperature deposition of homogeneous, highly transparent and conductive Al-doped ZnO films by reactive high power impulse magnetron sputtering. Solar Energy Materials and Solar Cells, 2016, 157, 742-749.	6.2	63
6	Structural and optical properties of Yb-doped ZnO films deposited by magnetron reactive sputtering for photon conversion. Solar Energy Materials and Solar Cells, 2013, 117, 363-371.	2.5	59
7	Stimulated emission in blue-emitting Si+ implanted SiO ₂ films?. Journal of Applied Physics, 2002, 91, 2896-2900.	3.3	50
8	Photoluminescence of Nd-doped SnO ₂ thin films. Applied Physics Letters, 2012, 100, .	3.3	46
9	Efficient n-type doping of Si nanocrystals embedded in SiO ₂ by ion beam synthesis. Applied Physics Letters, 2013, 102, .	1.4	45
10	FTIR analysis of polyethylene terephthalate irradiated by MeV He+. Nuclear Instruments & Methods in Physics Research B, 2012, 274, 70-77.	5.2	43
11	Effect of the chemical order on the electrocatalytic activity of model PtCo electrodes in the oxygen reduction reaction. Electrochimica Acta, 2013, 108, 605-616.	1.4	41
12	Elongated Co nanoparticles induced by swift heavy ion irradiations. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 372-378.	1.8	39
13	Synthesis and characterization of Co/ZnO nanocomposites: towards new perspectives offered by metal/piezoelectric composite materials. Thin Solid Films, 2003, 437, 1-9.	1.4	37
14	Structure and magnetic properties of Co+ implanted silica. Nuclear Instruments & Methods in Physics Research B, 2001, 178, 144-147.	1.9	36
15	Reversible process of hydrogen adsorption on Si(111). Surface Science, 1987, 189-190, 472-478.	4.8	35
16	Structural and mechanical characterisation of boron and nitrogen implanted NiTi shape memory alloy. Surface and Coatings Technology, 2002, 158-159, 309-317.	2.6	35
17	As-doping effect on magnetic, optical and transport properties of Zn _{0.9} Co _{0.1} O diluted magnetic semiconductor. Chemical Physics Letters, 2006, 421, 184-188.	5.7	35
18	Effect of annealing treatments on photoluminescence and charge storage mechanism in silicon-rich SiN _x :H films. Nanoscale Research Letters, 2011, 6, 178.		

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19	Effect of ion irradiation on the structural and magnetic properties of sputtered CoPt alloy. <i>Materials Science and Engineering C</i> , 2003, 23, 229-233.	7.3	34
20	Effects of high energy nitrogen implantation on stainless steel microstructure. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 148, 824-829.	1.4	33
21	Irradiations of implanted cobalt nanoparticles in silica layers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 209, 316-322.	1.4	33
22	Effect of ion irradiation on the structural and the magnetic properties of Zn _{0.75} Co _{0.25} O magnetic semiconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 333, 152-156.	2.1	32
23	Structural properties of cobalt ferrite thin films deposited by pulsed laser deposition: Effect of the reactive atmosphere. <i>Thin Solid Films</i> , 2007, 515, 2943-2948.	1.8	32
24	Damped Precession of the Magnetization Vector of Superparamagnetic Nanoparticles Excited by Femtosecond Optical Pulses. <i>Physical Review Letters</i> , 2006, 97, 127401.	7.8	31
25	Multi-layer graphene obtained by high temperature carbon implantation into nickel films. <i>Carbon</i> , 2014, 66, 1-10.	10.3	31
26	Mechanical properties of pulsed laser-deposited hydroxyapatite thin film implanted at high energy with N ⁺ and Ar ⁺ ions. Part I: nanoindentation with spherical tipped indenter. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 216, 269-274.	1.4	30
27	Growth of Co/Ru strained superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1873-1875.	2.3	29
28	Efficient energy transfer from ZnO to Nd ³⁺ ions in Nd-doped ZnO films deposited by magnetron reactive sputtering. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9182-9188.	5.5	29
29	Structural, optical, spectroscopic and electrical properties of Mo-doped ZnO thin films grown by radio frequency magnetron sputtering. <i>Thin Solid Films</i> , 2014, 566, 61-69.	1.8	28
30	Mechanical properties improvement of pulsed laser-deposited hydroxyapatite thin films by high energy ion-beam implantation. <i>Applied Surface Science</i> , 2002, 186, 483-489.	6.1	26
31	Perpendicular anisotropy in Co/Ru epitaxial superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1871-1872.	2.3	25
32	Luminescent Properties and Energy Transfer in Pr ³⁺ Doped and Pr ³⁺ -Yb ³⁺ Co-doped ZnO Thin Films. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13775-13780.	3.1	25
33	Magnetic patterning using ion irradiation for highly ordered CoPt alloys with perpendicular anisotropy. <i>Journal of Applied Physics</i> , 2004, 96, 7420-7423.	2.5	24
34	Friction and wear properties modification of Ti-6Al-4V alloy surfaces by implantation of multi-charged carbon ions. <i>Wear</i> , 2014, 319, 19-26.	3.1	24
35	Magnetic behavior of Ni ⁺ implanted silica. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 147, 422-426.	1.4	23
36	UV laser annealing of Diamond-Like Carbon layers obtained by Pulsed Laser Deposition for optical and photovoltaic applications. <i>Applied Surface Science</i> , 2019, 464, 562-566.	6.1	23

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37	Preparation of Si ¹⁶ Ge thin crystalline films by pulsed excimer laser annealing of heavily Ge implanted Si. <i>Thin Solid Films</i> , 1994, 241, 155-158.	1.8	22
38	Deformation yield of Co nanoparticles in SiO ₂ irradiated with 200 MeV 127I ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 225, 154-159.	1.4	22
39	Investigation of LaVO ₃ based compounds as a photovoltaic absorber. <i>Solar Energy</i> , 2018, 162, 1-7.	6.1	22
40	Red electroluminescence in Si ⁺ -implanted sol-gel-derived SiO ₂ films. <i>Applied Physics Letters</i> , 2000, 77, 2952-2954.	3.3	21
41	Effect of high energy argon implantation into NiTi shape memory alloy. <i>Surface and Coatings Technology</i> , 2002, 158-159, 301-308.	4.8	21
42	Optical anisotropy of shaped oriented cobalt nanoparticles by generalized spectroscopic ellipsometry. <i>Physical Review B</i> , 2007, 76, .	3.2	21
43	Structural and magnetic properties of layered Ca ₃ Co ₄ O ₉ thin films. <i>European Physical Journal B</i> , 2008, 66, 315-319.	1.5	19
44	Single- and Double-Strand Breaks of Dry DNA Exposed to Protons at Bragg-Peak Energies. <i>Journal of Physical Chemistry B</i> , 2017, 121, 497-507.	2.6	19
45	Interlayer exchange coupling in Co/Ru superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1896-1898.	2.3	18
46	Evolution of implanted carbon in silicon upon pulsed excimer laser annealing. <i>Applied Physics Letters</i> , 1996, 69, 969-971.	3.3	18
47	Dose effect on mechanical properties of high-energy nitrogen implanted 316L stainless steel. <i>Surface and Coatings Technology</i> , 2002, 151-152, 377-382.	4.8	18
48	High-energy ion beam implantation of hydroxyapatite thin films grown on TiN and ZrO ₂ inter-layers by pulsed laser deposition. <i>Thin Solid Films</i> , 2004, 453-454, 208-214.	1.8	18
49	Radiolysis of phenylalanine in solution with Bragg-Peak energy protons. <i>Radiation Measurements</i> , 2018, 116, 55-59.	1.4	16
50	Effect of ion implantation energy for the synthesis of Ge nanocrystals in SiN films with HfO ₂ /SiO ₂ stack tunnel dielectrics for memory application. <i>Nanoscale Research Letters</i> , 2011, 6, 177.	5.7	14
51	Pure carbon conductive transparent electrodes synthesized by a full laser deposition and annealing process. <i>Applied Surface Science</i> , 2020, 505, 144505.	6.1	14
52	Blue electroluminescence from high dose Si ⁺ implantation in SiO ₂ . <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 148, 997-1001.	1.4	13
53	Long-pulse duration excimer laser annealing of Al ⁺ ion implanted 4H-SiC for pn junction formation. <i>Applied Surface Science</i> , 2003, 208-209, 292-297.	6.1	13
54	Magnetic nanopatterning of CoPt thin layers. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 286, 297-300.	2.3	13

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55	Controlled synthesis of buried delta-layers of Ag nanocrystals for near-field plasmonic effects on free surfaces. <i>Journal of Applied Physics</i> , 2013, 113, 193505.	2.5	13
56	High performance diamond-like carbon layers obtained by pulsed laser deposition for conductive electrode applications. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	13
57	Silicon Clathrate Films for Photovoltaic Applications. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14972-14977.	3.1	13
58	Optical properties of isolated cobalt clusters synthesized by ion implantation. <i>Journal of Applied Physics</i> , 2007, 101, 014319.	2.5	12
59	Photoemission study of low pressure silane adsorption on Si(111)7 Å ⁻⁷ . <i>Surface Science</i> , 1989, 211-212, 986-990.	1.9	11
60	Observation of an ordered new compound Co _{1-x} Ru _x prepared by MBE on a Ru buffer layer. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 165, 176-179.	2.3	11
61	Correlation between distribution of nitrogen atoms implanted at high energy and high dose and nanohardness measurements into 316L stainless steel. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 178, 319-322.	1.4	11
62	Control of silicon nanoparticle size embedded in silicon oxynitride dielectric matrix. <i>Journal of Applied Physics</i> , 2013, 114, 033528.	2.5	11
63	Optical characterizations of doped silicon nanocrystals grown by co-implantation of Si and dopants in SiO ₂ . <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	11
64	Diameter controlled growth of SWCNTs using Ru as catalyst precursors coupled with atomic hydrogen treatment. <i>Chemical Engineering Journal</i> , 2018, 332, 92-101.	12.7	11
65	Broken-dimer model in a-Si:H. <i>Physical Review B</i> , 1989, 39, 8768-8771.	3.2	10
66	ZnTe nanoparticles formed by ion implantation in a SiO ₂ layer on silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 216, 116-120.	1.4	10
67	Mechanical properties of pulsed laser-deposited hydroxyapatite thin films implanted at high energy with N ⁺ and Ar ⁺ ions. Part II: nano-scratch tests with spherical tipped indenter. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 216, 275-280.	1.4	10
68	Electronic sputtering of LiF, CaF ₂ , LaF ₃ and UF ₄ with 197 MeV Au ions. Is the stoichiometry of atom emission preserved?. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 406, 501-506.	1.4	10
69	Plasmonic properties of implanted Ag nanoparticles in SiO ₂ thin layer by spectroscopic ellipsometry. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	10
70	Atomic-Scale Characterization of N-Doped Si Nanocrystals Embedded in SiO ₂ by Atom Probe Tomography. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7381-7389.	3.1	10
71	Growth of vertically oriented films of carbon nanotubes by activated catalytic chemical vapor deposition on Fe/Co/TiN/Si(100) substrates. <i>Journal of Materials Research</i> , 2008, 23, 619-631.	2.6	9
72	Silicon and silicon-germanium nanoparticles obtained by Pulsed Laser Deposition. <i>Applied Surface Science</i> , 2019, 466, 375-380.	6.1	9

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73	Annealing effect on the magnetic properties of Ta 50Å../Cu 50Å../Co 75Å../Cu 50Å../Ta 50Å... sandwiches. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 338-340.	2.3	8
74	Optical properties of Si ⁺ -ion implanted sol-gel derived SiO ₂ films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 69-70, 564-569.	3.5	8
75	Mechanism of Thin Layers Graphite Formation by ¹³ C Implantation and Annealing. Applied Sciences (Switzerland), 2014, 4, 180-194.	2.5	8
76	Insights into Cu ₂ O thin film absorber via pulsed laser deposition. Ceramics International, 2022, 48, 15274-15281.	4.8	8
77	Hydrogenation of amorphized silicon studied by UPS. Journal of Non-Crystalline Solids, 1987, 97-98, 1411-1414.	3.1	7
78	A new high energy implantation facility for materials research at the CRN, Strasbourg. Nuclear Instruments & Methods in Physics Research B, 1993, 79, 664-667.	1.4	7
79	Evolution of implanted carbon in silicon upon pulsed excimer laser annealing: epitaxial Si ^{1-y} Cy alloy formation and SiC precipitation. Applied Surface Science, 1997, 109-110, 305-311.	6.1	7
80	Ion beam synthesis of embedded III-Vs nanocrystals in silicon substrate. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 55-59.	0.8	7
81	Investigation of KBiFe ₂ O ₅ as a Photovoltaic Absorber. ACS Applied Energy Materials, 2019, 2, 8039-8044.	5.1	7
82	Optical properties of cobalt clusters implanted in thin silica layers. Physical Review B, 2006, 74, .	3.2	6
83	Hydrogenation of amorphized silicon by low energy H ⁺ ion bombardment studied by UPS. Solid State Communications, 1989, 72, 219-222.	1.9	5
84	Nano-scratch study of pulsed laser-deposited hydroxyapatite thin films implanted at high energy with N ⁺ and Ar ⁺ ions. Journal of Materials Science, 2004, 39, 4185-4192.	3.7	5
85	MeV H ⁺ ion irradiation effect on the stoichiometry of polyethylene terephthalate films. Nuclear Instruments & Methods in Physics Research B, 2013, 307, 635-641.	1.4	5
86	In-situ surface technique analyses and ex-situ characterization of Si _{1-x} Gex epilayers grown on Si(001)-2 Å ⁻¹ by molecular beam epitaxy. Journal De Physique III, 1994, 4, 733-740.	0.3	5
87	Annealing effect on structural and magnetic properties of Ta/Cu/FeMn/Co/FeMn/Ta thin film structures. EPJ Applied Physics, 2000, 11, 97-101.	0.7	4
88	Giant magnetoresistance in Fe and Co based spin valve structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 279, 255-260.	2.1	4
89	Structural and magnetic studies of CoCu granular alloy obtained by ion implantation of Co into a Cu matrix. Nuclear Instruments & Methods in Physics Research B, 2001, 178, 69-73.	1.4	4
90	New ternary ferromagnetic phase induced by annealing at the FeMn/Co/FeMn interfaces. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 473-475.	2.3	4

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91	Effect of high-energy implantation on TAFE titanium alloy. Surface and Coatings Technology, 2002, 151-152, 42-46.	4.8	4
92	Ion beam synthesis of Co nanoparticles in SiO ₂ : Monte Carlo simulation. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 329-333.	1.4	4
93	Determination of mechanical properties of pulsed laser-deposited hydroxyapatite thin film implanted at high energy with N ⁺ and Ar ⁺ ions, using nanoindentation. Journal of Materials Science, 2004, 39, 3605-3611.	3.7	4
94	Application of spectroscopic ellipsometry to the investigation of the optical properties of cobalt-nanostructured silica thin layers. Applied Surface Science, 2006, 253, 389-394.	6.1	4
95	Atmospheric plasma polymer films as templates for inorganic synthesis to yield functional hybrid coatings. RSC Advances, 2012, 2, 9860.	3.6	4
96	Ge nanocrystals in HfO ₂ /SiN dielectric stacks by low energy ion beam synthesis. Thin Solid Films, 2013, 543, 94-99.	1.8	4
97	SIMS quantification of thick Si _{1-x} Gex films (0 ≤ x ≤ 1) using the isotopic comparative method under Ar ⁺ beam. Surface and Interface Analysis, 2013, 45, 376-380.	1.8	4
98	Spin wave free spectrum and magnetic field gradient of nanopatterned planes of ferromagnetic cobalt nanoparticles: key properties for magnetic resonance based quantum computing. European Physical Journal B, 2015, 88, 1.	1.5	4
99	Light particle spectroscopy using CR-39 detectors: An experimental and simulation study. Nuclear Instruments & Methods in Physics Research B, 2019, 448, 52-56.	1.4	4
100	Interfacial reaction between monosilane and a polycrystalline tantalum substrate. Applied Surface Science, 1989, 38, 133-138.	6.1	3
101	Strain compensation in Si _{1-x} GexCy layers prepared by ion implantation and excimer laser annealing. Thin Solid Films, 1997, 294, 145-148.	1.8	3
102	Scanning near-field cathodoluminescence microscopy of an Si ⁺ implanted and thermally annealed SiO ₂ layer. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 255, 187-190.	2.1	3
103	Thermal stability of spin valve sensors using artificial CoFe/Ir based ferrimagnets. Journal of Applied Physics, 2002, 91, 2172-2175.	2.5	3
104	Structural properties of CoPt films patterned using ion irradiation. Catalysis Today, 2006, 113, 245-250.	4.4	3
105	Co-implantation : A simple way to grow doped Si nanocrystals embedded in SiO ₂ . Materials Research Society Symposia Proceedings, 2012, 1455, 31.	0.1	3
106	Silicon nanostructures in silicon oxynitride for PV application: effect of argon. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1878-1883.	0.8	3
107	The effect of irradiation on electrical and electrodynamic properties of nanocarbon-epoxy composites. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2723-2728.	1.8	3
108	<title>Growth of Si _{1-y} Cy/Si and Si _{1-x-y} GexCy/Si heterostructures by ion implantation and pulsed excimer laser-induced epitaxy</title>. , 1997, , .		2

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109	Growth of pseudomorphic $\text{Si}_{1-x}\text{Ge}_x$ and $\text{Si}_{1-x}\text{Ge}_x$ alloy layers on $\langle 100 \rangle$ Si by ion implantation and pulsed excimer laser induced epitaxy. <i>Materials Chemistry and Physics</i> , 1998, 54, 153-159.	4.0	2
110	Thermal stability of spin valve sensors using artificial Co/Ir based ferrimagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 186-188.	2.3	2
111	ZnTe precipitates formed in SiO_2 by sequential implantation of Zn^+ and Te^+ ions. <i>Catalysis Today</i> , 2006, 113, 215-219.	4.4	2
112	Electrically conductive hexagonally ordered nanoporous membranes produced by ion-beam induced carbonization of block-copolymer precursors. <i>Nanotechnology</i> , 2011, 22, 305603.	2.6	2
113	Formation of silicon nanoparticles from high temperature annealed silicon rich silicon oxynitride films. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
114	Influence of doping on the optical properties of silicon nanocrystals embedded in SiO_2 . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 80-83.	0.8	2
115	Incorporation of dopant impurities into a silicon oxynitride matrix containing silicon nanocrystals. <i>Journal of Applied Physics</i> , 2016, 119, 174303.	2.5	2
116	Shallow implanted SiC spin qubits used for sensing an internal spin bath and external YIG spins. <i>Nanoscale</i> , 2021, 13, 13827-13834.	5.6	2
117	Aggregates in silica based matrices. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 109-113.	0.4	2
118	Annealing effect on structural and magnetic properties of Co-based thin film multilayered structures. <i>Physica B: Condensed Matter</i> , 2002, 318, 222-230.	2.7	1
119	Optical study of cobalt nanocrystals implanted into silica matrix by spectroscopic ellipsometry. <i>Superlattices and Microstructures</i> , 2004, 36, 161-169.	3.1	1
120	Polypropylene compositional evolution under 3.5MeV He^+ ion irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 278, 88-92.	1.4	1
121	An Improved STEM/EDX Quantitative Method for Dopant Profiling at the Nanoscale. <i>Microscopy and Microanalysis</i> , 2020, 26, 76-85.	0.4	1
122	Correlated Structural and Luminescence Analysis of B^{δ} -Doped Si^{ϵ} -Nanocrystals Embedded in Silica. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000107. crystal synthesis of high quality	2.4	1
123	$\text{Si}_{1-y}\text{C}_y$ and $\text{Si}_{1-x-y}\text{Ge}_x\text{C}_y$ epitaxial layers on $\langle 100 \rangle$ Si by ion implantation and pulsed excimer laser crystallization. <i>Journal of Applied Physics</i> , 1998, 84, 3404-3477.		
124	SiO_2 films and wide-bandgap $\alpha\text{-Si:H}$. <i>Journal of Applied Physics</i> , 2001, , .		0
125	Caractérisation des effets de l'implantation ionique dans les alliages super-élastiques nickel titane par diffraction des rayons X. <i>European Physical Journal Special Topics</i> , 2002, 12, 427-438.	0.2	0
126	Conventional and generalized ellipsometric investigation of isotropic spherical and anisotropic ellipsoidal cobalt nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 789-792.	1.8	0

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127	Structural and phonon properties of InN synthesized by ion implantation in SiO ₂ . Thin Solid Films, 2015, 595, 108-112.	1.8	0
128	Ion Beam Synthesis of Doped Nanocrystals of Si _{1-x} Gex Alloys Embedded in SiO ₂ . MRS Advances, 2017, 2, 975-980.	0.9	0
129	Characterization of p-type Doping in Silicon Nanocrystals Embedded in SiO ₂ . Microscopy and Microanalysis, 2019, 25, 2540-2541.	0.4	0
130	Input of IBA for the study of plasmonic properties of doped ZnO nanocrystals. Nuclear Instruments & Methods in Physics Research B, 2020, 479, 74-79.	1.4	0
131	GaN nanocrystals obtained by Ga and N implantations and thermal treatment under N ₂ into SiO ₂ /Si and SiN _x /Si wafers. Nuclear Instruments & Methods in Physics Research B, 2020, 485, 57-67.	1.4	0
132	Etude par diffraction X d'un acier inoxydable traité par implantation ionique à haute énergie. European Physical Journal Special Topics, 1996, 06, C4-475-C4-480.	0.2	0
133	Solubilité du carbone et relaxation des contraintes dans des films de Si _{1-x} y GexCy préparés par implantation ionique et recristallisation par laser excimeres. Annales De Physique, 1997, 22, C1-227-C1-228.	0.2	0
134	ÉTUDE PAR PHOTOMISSION DE L'ADSORPTION DE DISILANE SUR Si (111) 7x7. Journal De Physique Colloque, 1989, 50, C5-3-C5-11.	0.2	0
135	Blue Electroluminescence from an SiO ₂ Film Highly Implanted with Si ⁺ Ions. Physica Status Solidi A, 1998, 167, R5-R6.	1.7	0