Dominique Muller

List of Publications by Year
in descending order

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135 papers	2,309 citations	186265 28 h-index	265206 42 g-index
136 all docs	136 docs citations	136 times ranked	2547 citing authors

#	Article	IF	Citations
1	Insights into Cu2O thin film absorber via pulsed laser deposition. Ceramics International, 2022, 48, 15274-15281.	4.8	8
2	Shallow implanted SiC spin qubits used for sensing an internal spin bath and external YIG spins. Nanoscale, 2021, 13, 13827-13834.	5.6	2
3	Pure carbon conductive transparent electrodes synthetized by a full laser deposition and annealing process. Applied Surface Science, 2020, 505, 144505.	6.1	14
4	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
5	GaN nanocrystals obtained by Ga and N implantations and thermal treatment under N2 into SiO2/Si and SiNx/Si wafers. Nuclear Instruments & Methods in Physics Research B, 2020, 485, 57-67.	1.4	0
6	Silicon Clathrate Films for Photovoltaic Applications. Journal of Physical Chemistry C, 2020, 124, 14972-14977.	3.1	13
7	An Improved STEM/EDX Quantitative Method for Dopant Profiling at the Nanoscale. Microscopy and Microanalysis, 2020, 26, 76-85.	0.4	1
8	Correlated Structural and Luminescence Analysis of Bâ€Doped Siâ€Nanocrystals Embedded in Silica. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000107.	2.4	1
9	Characterization of p-type Doping in Silicon Nanocrystals Embedded in SiO2. Microscopy and Microanalysis, 2019, 25, 2540-2541.	0.4	0
10	Investigation of KBiFe2O5 as a Photovoltaic Absorber. ACS Applied Energy Materials, 2019, 2, 8039-8044.	5.1	7
11	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
12	Atomic-Scale Characterization of N-Doped Si Nanocrystals Embedded in SiO₂ by Atom Probe Tomography. Journal of Physical Chemistry C, 2019, 123, 7381-7389.	3.1	10
13	UV laser annealing of Diamond-Like Carbon layers obtained by Pulsed Laser Deposition for optical and photovoltaic applications. Applied Surface Science, 2019, 464, 562-566.	6.1	23
14	Silicon and silicon-germanium nanoparticles obtained by Pulsed Laser Deposition. Applied Surface Science, 2019, 466, 375-380.	6.1	9
15	Investigation of LaVO3 based compounds as a photovoltaic absorber. Solar Energy, 2018, 162, 1-7.	6.1	22
16	Diameter controlled growth of SWCNTs using Ru as catalyst precursors coupled with atomic hydrogen treatment. Chemical Engineering Journal, 2018, 332, 92-101.	12.7	11
17	Radiolysis of phenylalanine in solution with Bragg-Peak energy protons. Radiation Measurements, 2018, 116, 55-59.	1.4	16
18	Single- and Double-Strand Breaks of Dry DNA Exposed to Protons at Bragg-Peak Energies. Journal of Physical Chemistry B, 2017, 121, 497-507.	2.6	19

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19	Ion Beam Synthesis of Doped Nanocrystals of Si1-xGex Alloys Embedded in SiO2. MRS Advances, 2017, 2, 975-980.	0.9	0
20	Electronic sputtering of LiF, CaF 2 , LaF 3 and UF 4 with 197 MeV Au ions. Is the stoichiometry of atom emission preserved?. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 501-506.	1.4	10
21	High performance diamond-like carbon layers obtained by pulsed laser deposition for conductive electrode applications. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	13
22	Plasmonic properties of implanted Ag nanoparticles in SiO2 thin layer by spectroscopic ellipsometry. Journal of Applied Physics, 2017, 122, .	2.5	10
23	Incorporation of dopant impurities into a silicon oxynitride matrix containing silicon nanocrystals. Journal of Applied Physics, 2016, 119, 174303.	2.5	2
24	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	74
25	Ion beam synthesis of embedded IIIâ€As nanocrystals in silicon substrate. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 55-59.	0.8	7
26	Structural and phonon properties of InN synthesized by ion implantation in SiO2. Thin Solid Films, 2015, 595, 108-112.	1.8	0
27	Influence of doping on the optical properties of silicon nanocrystals embedded in SiO2. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 80-83.	0.8	2
28	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
29	Mechanism of Thin Layers Graphite Formation by 13C Implantation and Annealing. Applied Sciences (Switzerland), 2014, 4, 180-194.	2.5	8
30	Optical characterizations of doped silicon nanocrystals grown by co-implantation of Si and dopants in SiO2. Journal of Applied Physics, 2014, 116, .	2.5	11
31	Multi-layer graphene obtained by high temperature carbon implantation into nickel films. Carbon, 2014, 66, 1-10.	10.3	31
32	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
33	Friction and wear properties modification of Tiâ€“6Alâ€“4V alloy surfaces by implantation of multi-charged carbon ions. Wear, 2014, 319, 19-26.	3.1	24
34	Structural, optical, spectroscopic and electrical properties of Mo-doped ZnO thin films grown by radio frequency magnetron sputtering. Thin Solid Films, 2014, 566, 61-69.	1.8	28
35	Efficient energy transfer from ZnO to Nd³⁺ ions in Nd-doped ZnO films deposited by magnetron reactive sputtering. Journal of Materials Chemistry C, 2014, 2, 9182-9188.	5.5	29
36	Luminescent Properties and Energy Transfer in Pr³⁺ Doped and Pr³⁺-Yb³⁺ Co-doped ZnO Thin Films. Journal of Physical Chemistry C, 2014, 118, 13775-13780.	3.1	25

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37	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.	6.2	63
38	Ge nanocrystals in HfO2/SiN dielectric stacks by low energy ion beam synthesis. Thin Solid Films, 2013, 543, 94-99.	1.8	4
39	Effect of the chemical order on the electrocatalytic activity of model PtCo electrodes in the oxygen reduction reaction. Electrochimica Acta, 2013, 108, 605-616.	5.2	43
40	Efficient n-type doping of Si nanocrystals embedded in SiO2 by ion beam synthesis. Applied Physics Letters, 2013, 102, .	3.3	46
41	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
42	SIMS quantification of thick Si1â^'xGexfilms (0â€‰â‰€â€‰xâ€‰â‰€â€‰1) using the isotopic comparative method under Ar+beam. Surface and Interface Analysis, 2013, 45, 376-380.	1.8	4
43	Controlled synthesis of buried delta-layers of Ag nanocrystals for near-field plasmonic effects on free surfaces. Journal of Applied Physics, 2013, 113, 193505.	2.5	13
44	Control of silicon nanoparticle size embedded in silicon oxynitride dielectric matrix. Journal of Applied Physics, 2013, 114, 033528.	2.5	11
45	Formation of silicon nanoparticles from high temperature annealed silicon rich silicon oxynitride films. Proceedings of SPIE, 2012, , .	0.8	2
46	Co-implantation : A simple way to grow doped Si nanocrystals embedded in SiO2. Materials Research Society Symposia Proceedings, 2012, 1455, 31.	0.1	3
47	Atmospheric plasma polymer films as templates for inorganic synthesis to yield functional hybrid coatings. RSC Advances, 2012, 2, 9860.	3.6	4
48	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
49	Photoluminescence of Nd-doped SnO2 thin films. Applied Physics Letters, 2012, 100, .	3.3	50
50	FTIR analysis of polyethylene terephthalate irradiated by MeV He+. Nuclear Instruments & Methods in Physics Research B, 2012, 274, 70-77.	1.4	45
51	Polypropylene compositional evolution under 3.5MeV He+ ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2012, 278, 88-92.	1.4	1
52	Structural, optical, and electrical properties of Yb-doped ZnO thin films prepared by spray pyrolysis method. Journal of Applied Physics, 2011, 109, 033708.	2.5	78
53	Effect of ion implantation energy for the synthesis of Ge nanocrystals in SiN films with HfO2/SiO2 stack tunnel dielectrics for memory application. Nanoscale Research Letters, 2011, 6, 177.	5.7	14
54	Effect of annealing treatments on photoluminescence and charge storage mechanism in silicon-rich SiN x :H films. Nanoscale Research Letters, 2011, 6, 178.	5.7	35

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55	Electrically conductive hexagonally ordered nanoporous membranes produced by ion-beam induced carbonization of block-copolymer precursors. Nanotechnology, 2011, 22, 305603.	2.6	2
56	Conventional and generalized ellipsometric investigation of isotropic spherical and anisotropic ellipsoidal cobalt nanoparticles. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 789-792.	1.8	0
57	Structural and magnetic properties of layered Ca3Co4O9 thin films. European Physical Journal B, 2008, 66, 315-319.	1.5	19
58	Growth of vertically oriented films of carbon nanotubes by activated catalytic chemical vapor deposition on Feâ€“Co/TiN/Si(100) substrates. Journal of Materials Research, 2008, 23, 619-631.	2.6	9
59	Optical properties of isolated cobalt clusters synthesized by ion implantation. Journal of Applied Physics, 2007, 101, 014319.	2.5	12
60	Paramagnetism of the Co sublattice in ferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Zn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:mrow></mml:math>films. Physical Review B, 2007, 76, .	3.2	18
61	Optical anisotropy of shaped oriented cobalt nanoparticles by generalized spectroscopic ellipsometry. Physical Review B, 2007, 76, .	3.2	21
62	Structural properties of cobalt ferrite thin films deposited by pulsed laser deposition: Effect of the reactive atmosphere. Thin Solid Films, 2007, 515, 2943-2948.	1.8	32
63	Structural properties of CoPt films patterned using ion irradiation. Catalysis Today, 2006, 113, 245-250.	4.4	3
64	As-doping effect on magnetic, optical and transport properties of Zn0.9Co0.1O diluted magnetic semiconductor. Chemical Physics Letters, 2006, 421, 184-188.	2.6	35
65	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
66	ZnTe precipitates formed in SiO2 by sequential implantation of Zn+ and Te+ ions. Catalysis Today, 2006, 113, 215-219.	4.4	2
67	Optical properties of cobalt clusters implanted in thin silica layers. Physical Review B, 2006, 74, .	3.2	6
68	Damped Precession of the Magnetization Vector of Superparamagnetic Nanoparticles Excited by Femtosecond Optical Pulses. Physical Review Letters, 2006, 97, 127401.	7.8	31
69	Magnetic nanopatterning of CoPt thin layers. Journal of Magnetism and Magnetic Materials, 2005, 286, 297-300.	2.3	13
70	Magnetic patterning using ion irradiation for highly ordered CoPt alloys with perpendicular anisotropy. Journal of Applied Physics, 2004, 96, 7420-7423.	2.5	24
71	High-energy ion beam implantation of hydroxyapatite thin films grown on TiN and ZrO2 inter-layers by pulsed laser deposition. Thin Solid Films, 2004, 453-454, 208-214.	1.8	18
72	ZnTe nanoparticles formed by ion implantation in a SiO2 layer on silicon. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 116-120.	1.4	10

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73	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. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 269-274.	1.4	30
74	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. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 275-280.	1.4	10
75	Ion beam synthesis of Co nanoparticles in SiO2: Monte Carlo simulation. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 329-333.	1.4	4
76	Elongated Co nanoparticles induced by swift heavy ion irradiations. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 372-378.	1.4	41
77	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
78	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
79	Deformation yield of Co nanoparticles in SiO2 irradiated with 200 MeV 127I ions. Nuclear Instruments & Methods in Physics Research B, 2004, 225, 154-159.	1.4	22
80	Optical study of cobalt nanocrystals implanted into silica matrix by spectroscopic ellipsometry. Superlattices and Microstructures, 2004, 36, 161-169.	3.1	1
81	Effect of ion irradiation on the structural and the magnetic properties of Zn0.75Co0.25O magnetic semiconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 152-156.	2.1	32
82	Irradiations of implanted cobalt nanoparticles in silica layers. Nuclear Instruments & Methods in Physics Research B, 2003, 209, 316-322.	1.4	33
83	Synthesis and characterization of Co/ZnO nanocomposites: towards new perspectives offered by metal/piezoelectric composite materials. Thin Solid Films, 2003, 437, 1-9.	1.8	39
84	Long-pulse duration excimer laser annealing of Al+ ion implanted 4H-SiC for pn junction formation. Applied Surface Science, 2003, 208-209, 292-297.	6.1	13
85	Effect of ion irradiation on the structural and magnetic properties of sputtered CoPt alloy. Materials Science and Engineering C, 2003, 23, 229-233.	7.3	34
86	Anisotropy of Co nanoparticles induced by swift heavy ions. Physical Review B, 2003, 67, .	3.2	158
87	Thermal stability of spin valve sensors using artificial CoFe/Ir based ferrimagnets. Journal of Applied Physics, 2002, 91, 2172-2175.	2.5	3
88	Stimulated emission in blue-emitting Si+-implanted SiO2 films?. Journal of Applied Physics, 2002, 91, 2896-2900.	2.5	59
89	CaractÃ©risation des effets de l'implantation ionique dans les alliages super-Ã©lastiques nickel titane par diffraction des rayons X. European Physical Journal Special Topics, 2002, 12, 427-438.	0.2	0
90	Thermal stability of spin valve sensors using artificial Co/Ir based ferrimagnets. Journal of Magnetism and Magnetic Materials, 2002, 240, 186-188.	2.3	2

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91	Annealing effect on structural and magnetic properties of Co-based thin film multilayered structures. Physica B: Condensed Matter, 2002, 318, 222-230.	2.7	1
92	Effect of high-energy implantation on TAFe titanium alloy. Surface and Coatings Technology, 2002, 151-152, 42-46.	4.8	4
93	Effect of high energy argon implantation into NiTi shape memory alloy. Surface and Coatings Technology, 2002, 158-159, 301-308.	4.8	21
94	Structural and mechanical characterisation of boron and nitrogen implanted NiTi shape memory alloy. Surface and Coatings Technology, 2002, 158-159, 309-317.	4.8	35
95	Mechanical properties improvement of pulsed laser-deposited hydroxyapatite thin films by high energy ion-beam implantation. Applied Surface Science, 2002, 186, 483-489.	6.1	26
96	Dose effect on mechanical properties of high-energy nitrogen implanted 316L stainless steel. Surface and Coatings Technology, 2002, 151-152, 377-382.	4.8	18
97	<title>Silicon-based light-emitting materials: implanted SiO2 films and wide-bandgap a-Si:H</title>. , 2001, , .		0
98	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
99	Correlation between distribution of nitrogen atoms implanted at high energy and high dose and nanohardness measurements into 316L stainless steel. Nuclear Instruments & Methods in Physics Research B, 2001, 178, 319-322.	1.4	11
100	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
101	Structure and magnetic properties of Co+-implanted silica. Nuclear Instruments & Methods in Physics Research B, 2001, 178, 144-147.	1.4	37
102	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
103	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
104	Optical properties of Si+-ion implanted solâ€“gel derived SiO2 films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 69-70, 564-569.	3.5	8
105	Red electroluminescence in Si+-implanted solâ€“gel-derived SiO2 films. Applied Physics Letters, 2000, 77, 2952-2954.	3.3	21
106	Aggregates in silica based matrices. Analusis - European Journal of Analytical Chemistry, 2000, 28, 109-113.	0.4	2
107	Scanning near-field cathodoluminescence microscopy of an Si+ implanted and thermally annealed SiO2 layer. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 255, 187-190.	2.1	3
108	Magnetic behavior of Ni+ implanted silica. Nuclear Instruments & Methods in Physics Research B, 1999, 147, 422-426.	1.4	23

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109	Blue electroluminescence from high dose Si+ implantation in SiO2. Nuclear Instruments & Methods in Physics Research B, 1999, 148, 997-1001.	1.4	13
110	Effects of high energy nitrogen implantation on stainless steel microstructure. Nuclear Instruments & Methods in Physics Research B, 1999, 148, 824-829.	1.4	33
111	Annealing effect on the magnetic properties of Ta 50Ã…/Cu 50Ã…/Co 75Ã…/Cu 50Ã…/Ta 50Ã… sandwiches. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 338-340.	2.3	8
112	Growth of pseudomorphic Si1âˆ’yCy and Si1âˆ’xâˆ’yGexCy alloy layers on < 100 > Si by ion implantation and pulsed excimer laser induced epitaxy. Materials Chemistry and Physics, 1998, 54, 153-159.	4.0	2
113	<title>Synthesis of high-quality Si<formula><inf><roman>1-y</roman></inf></formula>C<formula><inf><roman>y</roman></inf></formula> and Si<formula><inf><roman>1-x-y</roman></inf></formula>Ge<formula><inf><roman>x</roman></inf></formula>C<formula><inf><roman>y</roman></inf></formula> epitaxial layers on (100) Si by ion implantation and pulsed excimer laser crystallization</title>. , 1998, 3404, 47.		0
114	Blue Electroluminescence from an SiO2 Film Highly Implanted with Si+ Ions. Physica Status Solidi A, 1998, 167, R5-R6.	1.7	0
115	<title>Growth of Si1-yCy/Si and Si1-x-yGexCy/Si heterostructures by ion implantation and pulsed excimer laser-induced epitaxy</title>. , 1997, , .		2
116	Strain compensation in Si1âˆ’xâˆ’yGexCy layers prepared by ion implantation and excimer laser annealing. Thin Solid Films, 1997, 294, 145-148.	1.8	3
117	Observation of an ordered new compound Co1âˆ’xRux prepared by MBE on a Ru buffer layer. Journal of Magnetism and Magnetic Materials, 1997, 165, 176-179.	2.3	11
118	Evolution of implanted carbon in silicon upon pulsed excimer laser annealing: epitaxial Si1âˆ’yCy alloy formation and SiC precipitation. Applied Surface Science, 1997, 109-110, 305-311.	6.1	7
119	SolubilitÃ© du carbone et relaxation des contraintes dans des films de Si1-x-y GexCy prÃ©parÃ©s par implantation ionique et recristallisation par laser Ã excimÃ¨res. Annales De Physique, 1997, 22, C1-227-C1-228.	0.2	0
120	Evolution of implanted carbon in silicon upon pulsed excimer laser annealing. Applied Physics Letters, 1996, 69, 969-971.	3.3	18
121	Etude par diffraction X d'un acier inoxydable traitÃ© par implantation ionique Ã haute Ã©nergie. European Physical Journal Special Topics, 1996, 06, C4-475-C4-480.	0.2	0
122	Preparation of Si1âˆ’xGex thin crystalline films by pulsed excimer laser annealing of heavily Ge implanted Si. Thin Solid Films, 1994, 241, 155-158.	1.8	22
123	In-situ surface technique analyses and ex-situ characterization of Si1-xGex epilayers grown on Si(001)-2 Ã—1 by molecular beam epitaxy. Journal De Physique III, 1994, 4, 733-740.	0.3	5
124	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
125	Perpendicular anisotropy and antiferromagnetic coupling in Co/Ru strained superlattices. Physical Review B, 1992, 45, 7768-7771.	3.2	82
126	Perpendicular anisotropy in Co/Ru epitaxial superlattices. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1871-1872.	2.3	25

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127	Growth of Co/Ru strained superlattices. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1873-1875.	2.3	29
128	Interlayer exchange coupling in Co/Ru superlattices. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1896-1898.	2.3	18
129	Broken-dimer model ina-Si:H. Physical Review B, 1989, 39, 8768-8771.	3.2	10
130	Interfacial reaction between monosilane and a polycrystalline tantalum substrate. Applied Surface Science, 1989, 38, 133-138.	6.1	3
131	Hydrogenation of amorphized silicon by low energy H+ ion bombardment studied by UPS. Solid State Communications, 1989, 72, 219-222.	1.9	5
132	Photoemission study of low pressure silane adsorption on Si(111)7 Ã— 7. Surface Science, 1989, 211-212, 986-990.	1.9	11
133	Ã‰TUDE PAR PHOTOÃ‰MISSION DE L'ADSORPTION DE DISILANE SUR Si (111) 7x7. Journal De Physique Colloque, 1989, 50, C5-3-C5-11.	0.2	0
134	Reversible process of hydrogen adsorption on Si(111). Surface Science, 1987, 189-190, 472-478.	1.9	36
135	Hydrogenation of amorphized silicon studied by UPS. Journal of Non-Crystalline Solids, 1987, 97-98, 1411-1414.	3.1	7