

David DiVincenzo

List of Publications by Year in Descending Order

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

175
papers

30,484
citations

60
h-index

174
g-index

195
ext. papers

33,411
ext. citations

6.8
avg, IF

7.27
L-index

#	Paper	IF	Citations
175	Transmon platform for quantum computing challenged by chaotic fluctuations.. <i>Nature Communications</i> , 2022 , 13, 2495	17.4	1
174	Hardware-Encoding Grid States in a Nonreciprocal Superconducting Circuit. <i>Physical Review X</i> , 2021 , 11,	9.1	4
173	Blind oracular quantum computation. <i>Quantum Science and Technology</i> , 2021 , 6, 045022	5.5	0
172	Exact rotating wave approximation. <i>Annals of Physics</i> , 2020 , 423, 168327	2.5	2
171	Canonical circuit quantization with linear nonreciprocal devices. <i>Physical Review B</i> , 2019 , 99,	3.3	7
170	Hamiltonian quantum computing with superconducting qubits. <i>Quantum Science and Technology</i> , 2019 , 4, 035002	5.5	5
169	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 928-948	4.1	11
168	Transmission lines and resonators based on quantum Hall plasmonics: Electromagnetic field, attenuation, and coupling to qubits. <i>Physical Review B</i> , 2019 , 100,	3.3	3
167	Optimal gauge for the multimode Rabi model in circuit QED. <i>Physical Review Research</i> , 2019 , 1,	3.9	7
166	Nonreciprocal quantum Hall devices with driven edge magnetoplasmons in two-dimensional materials. <i>Physical Review B</i> , 2017 , 95,	3.3	9
165	Scientists and citizens: getting to quantum technologies. <i>Ethics and Information Technology</i> , 2017 , 19, 247-251	3.7	3
164	Inductively shunted transmon qubit with tunable transverse and longitudinal coupling. <i>Physical Review B</i> , 2017 , 96,	3.3	21
163	Three-qubit direct dispersive parity measurement with tunable coupling qubits. <i>Physical Review B</i> , 2017 , 96,	3.3	7
162	High-Kinetic-Inductance Superconducting Nanowire Resonators for Circuit QED in a Magnetic Field. <i>Physical Review Applied</i> , 2016 , 5,	4.3	112
161	Qubit quantum-dot sensors: Noise cancellation by coherent backaction, initial slips, and elliptical precession. <i>Physical Review B</i> , 2016 , 93,	3.3	4
160	Circuit design implementing longitudinal coupling: A scalable scheme for superconducting qubits. <i>Physical Review B</i> , 2016 , 93,	3.3	47
159	Multi-qubit joint measurements in circuit QED: stochastic master equation analysis. <i>EPJ Quantum Technology</i> , 2016 , 3,	6.9	7

158	Methodology for bus layout for topological quantum error correcting codes. <i>EPJ Quantum Technology</i> , 2016 , 3,	6.9	3
157	The Memory Problem of Quantum Information Processing. <i>Proceedings of the IEEE</i> , 2015 , 103, 1417-1425	4.3	1
156	Fault-tolerant quantum computation for singlet-triplet qubits with leakage errors. <i>Physical Review B</i> , 2015 , 91,	3.3	13
155	Multipoint impedance quantization. <i>Annals of Physics</i> , 2015 , 361, 605-669	2.5	12
154	Validity of the single-particle description and charge noise resilience for multielectron quantum dots. <i>Physical Review B</i> , 2015 , 91,	3.3	10
153	Monte Carlo studies of the self-correcting properties of the Majorana quantum error correction code under braiding. <i>Physical Review B</i> , 2015 , 92,	3.3	20
152	Simple operation sequences to couple and interchange quantum information between spin qubits of different kinds. <i>Physical Review B</i> , 2015 , 92,	3.3	7
151	Majorana Braiding with Thermal Noise. <i>Physical Review Letters</i> , 2015 , 115, 120402	7.4	49
150	Blackbox quantization of superconducting circuits using exact impedance synthesis. <i>Physical Review B</i> , 2014 , 90,	3.3	28
149	Two-qubit couplings of singlet-triplet qubits mediated by one quantum state. <i>Physical Review B</i> , 2014 , 90,	3.3	33
148	Hall Effect Gytrators and Circulators. <i>Physical Review X</i> , 2014 , 4,	9.1	36
147	Coherent backaction of quantum dot detectors: Qubit isospin precession. <i>Physical Review B</i> , 2014 , 89,	3.3	5
146	Dispersive qubit measurement by interferometry with parametric amplifiers. <i>Physical Review B</i> , 2014 , 90,	3.3	37
145	Inverted singlet-triplet qubit coded on a two-electron double quantum dot. <i>Physical Review B</i> , 2014 , 90,	3.3	12
144	High-fidelity single-qubit gates for two-electron spin qubits in GaAs. <i>Physical Review Letters</i> , 2014 , 113, 150501	7.4	35
143	Stochastic-master-equation analysis of optimized three-qubit nondemolition parity measurements. <i>Physical Review A</i> , 2014 , 89,	2.6	11
142	Self-consistent measurement and state tomography of an exchange-only spin qubit. <i>Nature Nanotechnology</i> , 2013 , 8, 654-9	28.7	171
141	Multi-qubit parity measurement in circuit quantum electrodynamics. <i>New Journal of Physics</i> , 2013 , 15, 075001	2.9	27

140	Noise analysis of qubits implemented in triple quantum dot systems in a Davies master equation approach. <i>Physical Review B</i> , 2013 , 87,	3.3	17
139	Noise-protected gate for six-electron double-dot qubit. <i>Physical Review B</i> , 2013 , 88,	3.3	11
138	Nonlinear spectroscopy of superconducting anharmonic resonators. <i>New Journal of Physics</i> , 2012 , 14, 013051	2.9	5
137	From Majorana fermions to topological order. <i>Physical Review Letters</i> , 2012 , 108, 260504	7.4	60
136	Quantum circuits for measuring Levin-Wen operators. <i>Physical Review B</i> , 2012 , 86,	3.3	19
135	Schrieffer-Wolff transformation for quantum many-body systems. <i>Annals of Physics</i> , 2011 , 326, 2793-2826.	6.5	204
134	Quantum computing: An IBM perspective. <i>IBM Journal of Research and Development</i> , 2011 , 55, 13:1-13:11.	1.5	26
133	Physics. Toward control of large-scale quantum computing. <i>Science</i> , 2011 , 334, 50-1	33.3	4
132	High-coherence hybrid superconducting qubit. <i>Physical Review Letters</i> , 2010 , 105, 100502	7.4	81
131	Superconducting resonators as beam splitters for linear-optics quantum computation. <i>Physical Review Letters</i> , 2010 , 104, 230502	7.4	29
130	Readout for phase qubits without Josephson junctions. <i>Applied Physics Letters</i> , 2010 , 96, 102506	3.4	9
129	Coherent spin manipulation in an exchange-only qubit. <i>Physical Review B</i> , 2010 , 82,	3.3	175
128	Exploiting Kerr cross nonlinearity in circuit quantum electrodynamics for nondemolition measurements. <i>Physical Review B</i> , 2010 , 82,	3.3	23
127	Quantum information storage using tunable flux qubits. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 053201	1.8	9
126	A superconducting resonator designed for coupling to spin based qubits in quantum dots. <i>Journal of Physics: Conference Series</i> , 2010 , 245, 012024	0.3	1
125	Fault-tolerant architectures for superconducting qubits. <i>Physica Scripta</i> , 2009 , T137, 014020	2.6	71
124	Decoherence of floating qubits due to capacitive coupling. <i>New Journal of Physics</i> , 2009 , 11, 033030	2.9	11
123	Fault-tolerant computing with biased-noise superconducting qubits: a case study. <i>New Journal of Physics</i> , 2009 , 11, 013061	2.9	43

122	Quantum Computing. <i>Springer Series in Materials Science</i> , 2009 , 297-313	0.9	3
121	Efficient one- and two-qubit pulsed gates for an oscillator-stabilized Josephson qubit. <i>New Journal of Physics</i> , 2008 , 10, 033027	2.9	14
120	Conventional and Unconventional Quantum Physics. <i>International Journal of Theoretical Physics</i> , 2008 , 47, 2130-2132	1.1	
119	Polynomial-Time Algorithm for Simulation of Weakly Interacting Quantum Spin Systems. <i>Communications in Mathematical Physics</i> , 2008 , 284, 481-507	2	4
118	Quantum simulation of many-body Hamiltonians using perturbation theory with bounded-strength interactions. <i>Physical Review Letters</i> , 2008 , 101, 070503	7.4	50
117	Effective fault-tolerant quantum computation with slow measurements. <i>Physical Review Letters</i> , 2007 , 98, 020501	7.4	70
116	Model for 1/f Flux noise in SQUIDs and Qubits. <i>Physical Review Letters</i> , 2007 , 98, 267003	7.4	145
115	Decoherence rates in complex Josephson qubit circuits. <i>Physical Review B</i> , 2006 , 74,	3.3	18
114	Experimental demonstration of an oscillator stabilized Josephson flux qubit. <i>Physical Review Letters</i> , 2006 , 96, 127001	7.4	41
113	Dephasing of a superconducting qubit induced by photon noise. <i>Physical Review Letters</i> , 2005 , 95, 257002	7.4	217
112	Rigorous Born approximation and beyond for the spin-boson model. <i>Physical Review B</i> , 2005 , 71,	3.3	91
111	Physics. Double quantum dot as a quantum bit. <i>Science</i> , 2005 , 309, 2173-4	33.3	55
110	Fermionic Linear Optics Revisited. <i>Foundations of Physics</i> , 2005 , 35, 1967-1984	1.2	18
109	Low-bandwidth control scheme for an oscillator-stabilized Josephson qubit. <i>Physical Review B</i> , 2005 , 72,	3.3	16
108	Local fault-tolerant quantum computation. <i>Physical Review A</i> , 2005 , 72,	2.6	60
107	Asymmetry and decoherence in a double-layer persistent-current qubit. <i>Physical Review B</i> , 2005 , 71,	3.3	24
106	Detecting entanglement using a double-quantum-dot turnstile. <i>Physical Review Letters</i> , 2005 , 95, 160402	7.4	36
105	Locking classical correlations in quantum States. <i>Physical Review Letters</i> , 2004 , 92, 067902	7.4	163

104	Charge detection enables free-electron quantum computation. <i>Physical Review Letters</i> , 2004 , 93, 020501	7.4	137
103	Multilevel quantum description of decoherence in superconducting qubits. <i>Physical Review B</i> , 2004 , 69,	3.3	104
102	Security trade-offs in ancilla-free quantum bit commitment in the presence of superselection rules. <i>New Journal of Physics</i> , 2004 , 6, 80-80	2.9	4
101	Hiding Quantum Data. <i>Foundations of Physics</i> , 2003 , 33, 1629-1647	1.2	23
100	Unextendible Product Bases, Uncompletable Product Bases and Bound Entanglement. <i>Communications in Mathematical Physics</i> , 2003 , 238, 379-410	2	204
99	Spin-orbit coupling and time-reversal symmetry in quantum gates. <i>Physical Review B</i> , 2003 , 68,	3.3	59
98	Classical simulation of noninteracting-fermion quantum circuits. <i>Physical Review A</i> , 2002 , 65,	2.6	132
97	Spins for Quantum Information Processing. <i>Nanoscience and Technology</i> , 2002 , 221-227	0.6	2
96	The entanglement of purification. <i>Journal of Mathematical Physics</i> , 2002 , 43, 4286-4298	1.2	155
95	Remote state preparation. <i>Physical Review Letters</i> , 2001 , 87, 077902	7.4	578
94	Hiding bits in bell states. <i>Physical Review Letters</i> , 2001 , 86, 5807-10	7.4	143
93	Anisotropic spin exchange in pulsed quantum gates. <i>Physical Review Letters</i> , 2001 , 87, 207901	7.4	72
92	The Physical Implementation of Quantum Computation. <i>Fortschritte Der Physik</i> , 2000 , 48, 771-783	5.7	1084
91	Quantum information and computation. <i>Nature</i> , 2000 , 404, 247-55	50.4	1766
90	Universal quantum computation with the exchange interaction. <i>Nature</i> , 2000 , 408, 339-42	50.4	684
89	Electron Spins in Quantum Dots as Quantum Bits. <i>Journal of Nanoparticle Research</i> , 2000 , 2, 401-411	2.3	19
88	Problem of equilibration and the computation of correlation functions on a quantum computer. <i>Physical Review A</i> , 2000 , 61,	2.6	91
87	Evidence for bound entangled states with negative partial transpose. <i>Physical Review A</i> , 2000 , 61,	2.6	150

86	Optimal decompositions of barely separable states. <i>Journal of Modern Optics</i> , 2000 , 47, 377-385	1.1	16
85	Electron-spin-resonance transistors for quantum computing in silicon-germanium heterostructures. <i>Physical Review A</i> , 2000 , 62,	2.6	660
84	Quantum Computation and Spin Electronics 2000 , 399-428		5
83	The Physical Implementation of Quantum Computation 2000 , 48, 771		83
82	Thoughts on quantum computation 1999 , 482-491		
81	Simulating quantum operations with mixed environments. <i>Physical Review A</i> , 1999 , 60, 881-885	2.6	25
80	Quantum computing and single-qubit measurements using the spin-filter effect (invited). <i>Journal of Applied Physics</i> , 1999 , 85, 4785-4787	2.5	64
79	Physical optimization of quantum error correction circuits. <i>Physical Review B</i> , 1999 , 60, 11404-11416	3.3	75
78	Coupled quantum dots as quantum gates. <i>Physical Review B</i> , 1999 , 59, 2070-2078	3.3	1192
77	Quantum computers and quantum coherence. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 200, 202-218	2.8	108
76	Unextendible Product Bases and Bound Entanglement. <i>Physical Review Letters</i> , 1999 , 82, 5385-5388	7.4	475
75	Entanglement of Assistance. <i>Lecture Notes in Computer Science</i> , 1999 , 247-257	0.9	45
74	Quantum nonlocality without entanglement. <i>Physical Review A</i> , 1999 , 59, 1070-1091	2.6	679
73	Quantum Information Processing Using Quantum Dot Spins and Cavity QED. <i>Physical Review Letters</i> , 1999 , 83, 4204-4207	7.4	1590
72	Decoherence and Recoherence in Quantum Computation 1999 , 7-12		
71	Quantum computation with quantum dots. <i>Physical Review A</i> , 1998 , 57, 120-126	2.6	4984
70	Quantum gates and circuits. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 1998 , 454, 261-276	2.4	68
69	Quantum-channel capacity of very noisy channels. <i>Physical Review A</i> , 1998 , 57, 830-839	2.6	168

68	Optimal universal and state-dependent quantum cloning. <i>Physical Review A</i> , 1998 , 57, 2368-2378	2.6	424
67	Decoherence: the obstacle to quantum computation. <i>Physics World</i> , 1998 , 11, 53-58	0.5	22
66	Quantum code words contradict local realism. <i>Physical Review A</i> , 1997 , 55, 4089-4092	2.6	53
65	Capacities of Quantum Erasure Channels. <i>Physical Review Letters</i> , 1997 , 78, 3217-3220	7.4	217
64	Quantum computation and spin physics (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 4602-4607	2.5	19
63	Topics in Aperiodicity: Penrose Tiling Growth and Quantum Circuits 1997 , 127-140		1
62	Topics in Quantum Computers 1997 , 657-677		30
61	Response: does macroscopic quantum coherence occur in ferritin?. <i>Science</i> , 1996 , 272, 425-6	33.3	19
60	Mixed-state entanglement and quantum error correction. <i>Physical Review A</i> , 1996 , 54, 3824-3851	2.6	3406
59	Fault-Tolerant Error Correction with Efficient Quantum Codes. <i>Physical Review Letters</i> , 1996 , 77, 3260-3263	7.4	203
58	Schumacher's quantum data compression as a quantum computation. <i>Physical Review A</i> , 1996 , 54, 2636-2650	2.6	26
57	Five two-bit quantum gates are sufficient to implement the quantum Fredkin gate. <i>Physical Review A</i> , 1996 , 53, 2855-2856	2.6	155
56	Elementary gates for quantum computation. <i>Physical Review A</i> , 1995 , 52, 3457-3467	2.6	2158
55	Quantum Computation. <i>Science</i> , 1995 , 270, 255-261	33.3	1313
54	Complex Dynamics of Mesoscopic Magnets. <i>Physics Today</i> , 1995 , 48, 43-48	0.9	239
53	Two-bit gates are universal for quantum computation. <i>Physical Review A</i> , 1995 , 51, 1015-1022	2.6	666
52	Quantum Computing and Spin Physics 1995 , 495-496		1
51	An atomic model of Al ₃ Cu ₂ Fe, and its comparison with high-resolution electron microscope images. <i>Journal of Non-Crystalline Solids</i> , 1993 , 153-154, 145-149	3.9	3

50	Fluctuating local thermoelectric heat in dirty metals. <i>Physical Review B</i> , 1993 , 48, 1404-1408	3.3	5
49	Quantum interference in small magnetic particles. <i>Physical Review B</i> , 1993 , 48, 10548-10551	3.3	39
48	Comment on "Have resonance experiments seen macroscopic quantum coherence in magnetic particles? The case from power absorption". <i>Physical Review Letters</i> , 1993 , 71, 4276	7.4	22
47	Awschalom et al. reply. <i>Physical Review Letters</i> , 1993 , 70, 2199	7.4	15
46	Macroscopic Quantum Tunneling in Magnetic Proteins. <i>Physical Review Letters</i> , 1993 , 71, 4279-4279	7.4	8
45	Quantum tunneling and dissipation in nanometer-scale magnets. <i>Physica B: Condensed Matter</i> , 1993 , 189, 189-203	2.8	37
44	High resolution electron microscopy of Al-Cu-Fe quasicrystals: Atomic structure and modeling. <i>Journal of Materials Research</i> , 1993 , 8, 24-37	2.5	7
43	Macroscopic quantum tunneling in magnetic proteins. <i>Physical Review Letters</i> , 1992 , 68, 3092-3095	7.4	256
42	Suppression of tunneling by interference in half-integer-spin particles. <i>Physical Review Letters</i> , 1992 , 69, 3232-3235	7.4	270
41	Macroscopic quantum effects in nanometer-scale magnets. <i>Science</i> , 1992 , 258, 414-21	33.3	212
40	Classical and quantum ballistic-transport anomalies in microjunctions. <i>Physical Review B</i> , 1991 , 44, 10637-10675	3.5	62
39	Comment on "Forbidden nature of multipolar contributions to second-harmonic generation in isotropic fluids". <i>Physical Review A</i> , 1990 , 42, 6249-6251	2.6	18
38	Super-roughening: A new phase transition on the surfaces of crystals with quenched bulk disorder. <i>Physical Review B</i> , 1990 , 41, 632-650	3.3	99
37	Physical Models of Perfect Quasicrystal Growth. <i>NATO ASI Series Series B: Physics</i> , 1990 , 133-139		2
36	Voltage fluctuations in multilead devices. <i>Physical Review B</i> , 1988 , 38, 2995-3005	3.3	60
35	Growing perfect quasicrystals. <i>Physical Review Letters</i> , 1988 , 60, 2653-2656	7.4	94
34	Voltage fluctuations in mesoscopic metal rings and wires. <i>Physical Review B</i> , 1988 , 38, 3006-3015	3.3	36
33	Nonlinear optics as a probe of chiral ordering in amorphous semiconductors. <i>Physical Review B</i> , 1988 , 37, 1245-1261	3.3	13

32	Resistance fluctuations in multiprobe microstructures: Length dependence and nonlocality. <i>Physical Review B</i> , 1988 , 37, 6521-6524	3.3	83
31	Structure of asymmetric small-angle grain boundaries. <i>Physical Review B</i> , 1988 , 37, 5242-5251	3.3	5
30	Dispersive corrections to continuum elastic theory in cubic crystals. <i>Physical Review B</i> , 1986 , 34, 5450-5465	3.3	47
29	Systematics of disorder in quasiperiodic material. <i>Physical Review Letters</i> , 1986 , 57, 1444-1447	7.4	149
28	Electronic and structural properties of a twin boundary in Si. <i>Physical Review Letters</i> , 1986 , 56, 1925-1928	7.4	101
27	PERFECT AND IMPERFECT ICOSAHEDRAL SOLIDS AND THE PROJECTION METHOD. <i>Journal De Physique Colloque</i> , 1986 , 47, C3-237-C3-243		9
26	STRUCTURE STUDIES OF ALUMINUM BASED QUASICRYSTALS. <i>Journal De Physique Colloque</i> , 1986 , 47, C3-379-C3-387		5
25	Phonons on reconstructed silicon surfaces. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1985 , 3, 1068		13
24	Possible existence of Lyddane-Sachs-Teller splitting in graphite intercalation compounds. <i>Physical Review B</i> , 1985 , 31, 1136-1138	3.3	2
23	Polytope model and the electronic and structural properties of amorphous semiconductors. <i>Physical Review B</i> , 1985 , 32, 3974-4000	3.3	56
22	Cohesion and structure in stage-1 graphite intercalation compounds. <i>Physical Review B</i> , 1985 , 32, 2538-2553	3.3	130
21	ELASTIC ENERGY OF FACETED LOW ANGLE TILT BOUNDARIES. <i>Journal De Physique Colloque</i> , 1985 , 46, C4-243-C4-248		3
20	A Structural Basis for Electronic Coherence in Amorphous Si and Ge 1985 , 803-806		
19	Theoretical phase diagram for Li-intercalated graphite. <i>Physical Review B</i> , 1984 , 30, 7092-7096	3.3	25
18	Long-range structural and electronic coherence in amorphous semiconductors. <i>Physical Review B</i> , 1984 , 29, 5934-5936	3.3	24
17	Structural Energies in Stage-One Graphite Intercalation Compounds. <i>Physical Review Letters</i> , 1984 , 53, 52-55	7.4	28
16	(P,T) phase boundary in Li-intercalated graphite: Theory and experiment. <i>Physical Review B</i> , 1984 , 29, 1115-1117	3.3	48
15	Structural Energies in Stage-One Graphite Intercalation Compounds. <i>Physical Review Letters</i> , 1984 , 53, 742-742	7.4	3

14	Self-consistent effective-mass theory for intralayer screening in graphite intercalation compounds. <i>Physical Review B</i> , 1984 , 29, 1685-1694	3-3	573
13	Finite-temperature conductance in one dimension. <i>Physical Review B</i> , 1984 , 30, 6877-6888	3-3	27
12	T Dependence of the Conductance in Quasi One-Dimensional Systems. <i>Physical Review Letters</i> , 1984 , 52, 1641-1644	7-4	56
11	Energy-band structure and charge distribution for BaC ₆ . <i>International Journal of Quantum Chemistry</i> , 1983 , 23, 1223-1230	2-1	22
10	Fluctuations in the Temperature Dependence of the Resistance of a One-Dimensional System. <i>Physical Review Letters</i> , 1983 , 50, 2102-2105	7-4	13
9	Effect of In-Plane Density on the Structural and Elastic Properties of Graphite Intercalation Compounds. <i>Physical Review Letters</i> , 1983 , 50, 182-185	7-4	72
8	Localized states and the electronic properties of a hydrogenated defect in amorphous silicon. <i>Physical Review B</i> , 1983 , 28, 3246-3257	3-3	28
7	Density-functional study of interplanar binding in graphite. <i>Physical Review B</i> , 1983 , 27, 2458-2469	3-3	44
6	Valence and core electronic excitations in LiC ₆ . <i>Physical Review B</i> , 1983 , 28, 6681-6686	3-3	28
5	Theoretical investigation of the electronic properties of potassium graphite. <i>Physical Review B</i> , 1982 , 25, 4110-4125	3-3	92
4	Electrostatic effects in the cohesion of an intercalant lattice. <i>Physical Review B</i> , 1982 , 25, 7822-7825	3-3	13
3	Dielectric function and critical-point transitions in boron-doped graphite. <i>Physical Review B</i> , 1982 , 26, 4674-4679	3-3	6
2	Density Functional Theory of Interplane Cohesion in Graphite and Graphite Intercalation Compounds. <i>Materials Research Society Symposia Proceedings</i> , 1982 , 20, 123		
1	THE ELECTRONIC STRUCTURE OF A MODEL DEFECT IN HYDROGENATED AMORPHOUS SILICON. <i>Journal De Physique Colloque</i> , 1981 , 42, C4-137-C4-140		2