Antonin Fejfar

List of Publications by Year in Descending Order

150 papers	2,415 citations	24 h-index	42 g-index
162 ext. papers	2,645 ext. citations	3.3 avg, IF	4.31 L-index

#	Paper	IF	Citations
150	Doping of the hydrogen-passivated Si(100) electronic structure through carborane adsorption studied using density functional theory. *Physical Chemistry Chemical Physics*, **2021**, 23, 20379-20387	3.6	
149	Nanoscale Study of the Hole-Selective Passivating Contacts with High Thermal Budget Using C-AFM Tomography. *ACS Applied Materials & Interfaces*, **2021**, 13, 9994-10000	9.5	0
148	Impact of Cation Multiplicity on Halide Perovskite Defect Densities and Solar Cell Voltages. *Journal of Physical Chemistry C*, **2020**, 124, 27333-27339	3.8	7
147	Nucleation and growth of metal-catalyzed silicon nanowires under plasma. *Nanotechnology*, **2020**, 31, 225601	3.4	1
146	Transferless Inverted Graphene/Silicon Heterostructures Prepared by Plasma-Enhanced Chemical Vapor Deposition of Amorphous Silicon on CVD Graphene. *Nanomaterials*, **2020**, 10,	5.4	1
145	Growth defects in WC:H layers for tribological applications. *Vacuum*, **2020**, 178, 109372	3.7	
144	Temperature Dependence of the Urbach Energy in Lead Iodide Perovskites. *Journal of Physical Chemistry Letters*, **2019**, 10, 1368-1373	6.4	116
143	Comparative study of catalyst-induced doping and metal incorporation in silicon nanowires. *Applied Physics Letters*, **2019**, 114, 132103	3.4	6
142	Tuning of the gold work function by carborane films studied using density functional theory. *Physical Chemistry Chemical Physics*, **2019**, 21, 6178-6185	3.6	1
141	Sculpturing graphene wrinkle patterns into compliant substrates. *Carbon*, **2019**, 146, 772-778	10.4	9
140	Effects of nanowire size and geometry on silicon nanowire array thin film solar cells. *Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics*, **2018**, 36, 011401	1.3	3
139	Local Photovoltaic Properties of Graphene–Silicon Heterojunctions (Phys. Status Solidi B 12/2018). *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1870144	1.3	
138	Local Photovoltaic Properties of Graphene–Silicon Heterojunctions. *Physica Status Solidi (B): Basic Research*, **2018**, 255, 1800305	1.3	4
137	Local Current Measurements **2018**, 265-301		
136	Direct Imaging of Dopant Distribution in Polycrystalline ZnO Films. *ACS Applied Materials & Interfaces*, **2017**, 9, 7241-7248	9.5	7
135	Photovoltaic characterization of graphene/silicon Schottky junctions from local and macroscopic perspectives. *Chemical Physics Letters*, **2017**, 676, 82-88	2.5	8
134	Passivating electron contact based on highly crystalline nanostructured silicon oxide layers for silicon solar cells. *Solar Energy Materials and Solar Cells*, **2016**, 158, 2-10	6.4	68

133	Experimental quantification of useful and parasitic absorption of light in plasmon-enhanced thin silicon films for solar cells application. *Scientific Reports*, **2016**, 6, 22481	4.9	37
132	Role of a-Si:H in lateral growth of crystalline silicon nanowires using Pb and In catalysts. *Physica Status Solidi (A) Applications and Materials Science*, **2016**, 213, 1821-1825	1.6	2
131	Passivation effect of water vapour on thin film polycrystalline Si solar cells. *Physica Status Solidi (A) Applications and Materials Science*, **2016**, 213, 1969-1975	1.6	1
130	Adsorption of oriented carborane dipoles on a silver surface. *Physica Status Solidi (B): Basic Research*, **2016**, 253, 591-600	1.3	8
129	Passivating contacts for silicon solar cells with 800 °C stability based on tunnel-oxide and highly crystalline thin silicon layer **2016**,		3
128	Profilometry of thin films on rough substrates by Raman spectroscopy. *Scientific Reports*, **2016**, 6, 37859	4.9	13
127	Thin Film Polycrystalline Silicon Solar Cells Studied by Transient Terahertz Probe Spectroscopy. *Energy Procedia*, **2016**, 102, 19-26	2.3	
126	Phosphate content influence on structural, spectroscopic, and lasing properties of Er,Yb-doped potassium-lanthanum phosphate glasses. *Optical Engineering*, **2016**, 55, 047102	1.1	3
125	Conductivity Mechanisms in Sb-Doped SnO2 Nanoparticle Assemblies: DC and Terahertz Regime. *Journal of Physical Chemistry C*, **2015**, 119, 19485-19495	3.8	16
124	Investigating inhomogeneous electronic properties of radial junction solar cells using correlative microscopy. *Japanese Journal of Applied Physics*, **2015**, 54, 08KA08	1.4	7
123	Correlative microscopy of radial junction nanowire solar cells using nanoindent position markers. *Solar Energy Materials and Solar Cells*, **2015**, 135, 106-112	6.4	11
122	Size and Purity Control of HPHT Nanodiamonds down to 1 nm. *Journal of Physical Chemistry C*, **2015** , 119, 27708-27720	3.8	112
121	Thin film polycrystalline Si solar cells studied in transient regime by optical pump Terahertz probe spectroscopy. *Applied Physics Letters*, **2015**, 107, 233901	3.4	4
120	Nanoimprint-textured Glass Superstrates for Light Trapping in Crystalline Silicon thin-film Solar Cells. *Energy Procedia*, **2015**, 84, 118-126	2.3	4
119	Raman Spectroscopy of Organic-Inorganic Halide Perovskites. *Journal of Physical Chemistry Letters*, **2015**, 6, 401-6	6.4	182
118	Preparation and testing of silicon nanowires. *Canadian Journal of Physics*, **2014**, 92, 819-821	1.1	1
117	On the effects of hydrogenation of thin film polycrystalline silicon: A key factor to improve heterojunction solar cells. *Solar Energy Materials and Solar Cells*, **2014**, 122, 31-39	6.4	17
116	Fabrication of SnS quantum dots for solar-cell applications: Issues of capping and doping. *Physica Status Solidi (B): Basic Research*, **2014**, 251, 1309-1321	1.3	10

115	ANNEALING OF POLYCRYSTALLINE THIN FILM SILICON SOLAR CELLS IN WATER VAPOUR AT SUB-ATMOSPHERIC PRESSURES. *Acta Polytechnica*, **2014**, 54, 341-347	1	
114	Light trapping in thin-film solar cells measured by Raman spectroscopy. *Applied Physics Letters*, **2014**, 105, 111106	3.4	10
113	Displacement Interferometry within a Passive Fabry-Perot Cavity **2014**, 891-894		
112	Modulated surface of single-layer graphene controls cell behavior. *Carbon*, **2014**, 72, 207-214	10.4	9
111	Microscopic measurements of variations in local (photo)electronic properties in nanostructured solar cells. *Solar Energy Materials and Solar Cells*, **2013**, 119, 228-234	6.4	9
110	Two Simple Classroom Demonstrations for Scanning Probe Microscopy Based on a Macroscopic Analogy. *Journal of Chemical Education*, **2013**, 90, 361-363	2.4	12
109	Conductivity measurement of individual SnS nanoparticles by Peak Force AFM. *Materials Research Society Symposia Proceedings*, **2013**, 1557, 1		
108	Characterization of the mechanical properties of qPlus sensors. *Beilstein Journal of Nanotechnology* , **2013**, 4, 1-9	3	21
107	Electrical properties of carbon nanowall films. *Journal of Non-Crystalline Solids*, **2012**, 358, 2548-2551	3.9	9
106	Local photoconductivity of microcrystalline silicon thin films excited by 442nm HeCd laser measured by conductive atomic force microscopy. *Journal of Non-Crystalline Solids*, **2012**, 358, 2082-2085	3.9	4
105	Conductive atomic force microscopy on carbon nanowalls. *Journal of Non-Crystalline Solids*, **2012**, 358, 2545-2547	3.9	13
104	Conductivity mapping of nanoparticles by torsional resonance tunneling atomic force microscopy. *Applied Physics Letters*, **2012**, 101, 083107	3.4	9
103	Position measurement in standing wave interferometer for metrology of length **2011**,		3
102	Local photoconductivity of microcrystalline silicon thin films measured by conductive atomic force microscopy. *Physica Status Solidi - Rapid Research Letters*, **2011**, 5, 373-375	2.5	21
101	Synthesis, structure, and opto-electronic properties of organic-based nanoscale heterojunctions. *Nanoscale Research Letters*, **2011**, 6, 238	5	21
100	Microscopic Characterizations of Nanostructured Silicon Thin Films for Solar Cells. *Materials Research Society Symposia Proceedings*, **2011**, 1321, 313		
99	Comment on Current routes in hydrogenated microcrystalline silicon *Physical Review B*, **2010**, 81,	3.3	15
98	The structure and growth mechanism of Si nanoneedles prepared by plasma-enhanced chemical vapor deposition. *Nanotechnology*, **2010**, 21, 415604	3.4	19

97	Photo-conductivity and Hall mobility of holes at polypyrrole□diamond interface. *Diamond and Related Materials*, **2010**, 19, 174-177	3.5	7
96	Ultrasharp Si nanowires produced by plasma-enhanced chemical vapor deposition. *Physica Status Solidi - Rapid Research Letters*, **2010**, 4, 37-39	2.5	13
95	Time-resolved opto-electronic properties of poly(3-hexylthiophene-2,5-diyl): Fullerene heterostructures detected by Kelvin force microscopy. *Thin Solid Films*, **2010**, 519, 836-840	2.2	8
94	High hydrogen dilution and low substrate temperature cause columnar growth of hydrogenated amorphous silicon. *Physica Status Solidi (A) Applications and Materials Science*, **2010**, 207, 525-529	1.6	6
93	Relation of nanoscale and macroscopic properties of mixed-phase silicon thin films. *Physica Status Solidi (A) Applications and Materials Science*, **2010**, 207, 582-586	1.6	8
92	Role of the tip induced local anodic oxidation in the conductive atomic force microscopy of mixed phase silicon thin films. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2010**, 7, NA-NA		5
91	Ultrafast carrier dynamics in microcrystalline silicon probed by time-resolved terahertz spectroscopy. *Physical Review B*, **2009**, 79,	3.3	61
90	Decomposition of Mixed Phase Silicon Raman Spectra. *Materials Research Society Symposia Proceedings*, **2009**, 1153, 1		
89	Some controversial points related to transport in microcrystalline silicon. *Philosophical Magazine*, **2009**, 89, 2557-2571	1.6	7
88	Optoelectronic performance of poly(p-phenylenevinylene)-based heterostructures evaluated by scanning probe techniques. *Physica Status Solidi (B): Basic Research*, **2009**, 246, 2828-2831	1.3	2
87	LiF enhanced nucleation of the low temperature microcrystalline silicon prepared by plasma enhanced chemical vapour deposition. *Thin Solid Films*, **2009**, 517, 6829-6832	2.2	1
86	Microcrystalline silicon, grain boundaries and role of oxygen. *Solar Energy Materials and Solar Cells*, **2009**, 93, 1444-1447	6.4	14
85	Crystallographic properties of grain size-controlled polycrystalline silicon thin films deposited on alumina substrate. *Journal of Crystal Growth*, **2009**, 311, 789-793	1.6	2
84	Mapping of mechanical stress in silicon thin films on silicon cantilevers by Raman microspectroscopy. *Journal of Non-Crystalline Solids*, **2008**, 354, 2235-2237	3.9	5
83	Crystallinity of the mixed phase silicon thin films by Raman spectroscopy. *Journal of Non-Crystalline Solids*, **2008**, 354, 2253-2257	3.9	34
82	A simple quality factor for characterization of thin silicon films. *Journal of Non-Crystalline Solids*, **2008**, 354, 2227-2230	3.9	1
81	Properties of thin film silicon, prepared at high growth rate in a wide range of thicknesses. *Journal of Non-Crystalline Solids*, **2008**, 354, 2451-2454	3.9	
80	Microscopic study of the H2O vapor treatment of the silicon grain boundaries. *Journal of Non-Crystalline Solids*, **2008**, 354, 2310-2313	3.9	11

79	Spatially localized current-induced crystallization of amorphous silicon films. *Journal of Non-Crystalline Solids*, **2008**, 354, 2305-2309	3.9	9
78	Gold Micrometer Crystals Modified with Carboranethiol Derivatives. *Journal of Physical Chemistry C*, **2008**, 112, 14446-14455	3.8	42
77	C-AFM and X-TEM. *Imaging & Microscopy*, **2008**, 10, 30-32		
76	A simple tool for quality evaluation of the microcrystalline silicon prepared at high growth rate. *Thin Solid Films*, **2008**, 516, 4966-4969	2.2	7
75	Correlation of atomic force microscopy detecting local conductivity and micro-Raman spectroscopy on polymer–fullerene composite films. *Physica Status Solidi - Rapid Research Letters*, **2007**, 1, 193-195	2.5	15
74	Controlled growth of nanocrystalline silicon on permalloy micro-patterns. *Applied Physics A: Materials Science and Processing*, **2007**, 88, 797-800	2.6	1
73	Relation between Electronic Properties and Density of Crystalline Agglomerates in Microcrystalline Silicon. *Materials Research Society Symposia Proceedings*, **2007**, 989, 1		1
72	Structure of mixed-phase Si films studied by C-AFM and X-TEM. *Journal of Physics: Conference Series* , **2007**, 61, 790-794	0.3	
71	Surface morphology of spin-coated As□□e chalcogenide thin films. *Journal of Non-Crystalline Solids*, **2007**, 353, 1437-1440	3.9	21
70	Internal structure of mixed phase hydrogenated silicon thin films made at 39°C. *Applied Physics Letters*, **2006**, 89, 051922	3.4	16
69	Properties of Microcrystalline Silicon Prepared at High Growth Rate **2006**,		1
68	Transport properties of microcrystalline silicon, prepared at high growth rate. *Journal of Non-Crystalline Solids*, **2006**, 352, 1097-1100	3.9	10
67	Detailed structural study of low temperature mixed-phase Si films by X-TEM and ambient conductive AFM. *Journal of Non-Crystalline Solids*, **2006**, 352, 1011-1015	3.9	25
66	Characterization of mixed phase silicon by Raman spectroscopy. *Journal of Non-Crystalline Solids*, **2006**, 352, 1209-1212	3.9	43
65	Microcrystalline silicon prepared at magnetic field modified nucleation. *Journal of Non-Crystalline Solids*, **2006**, 352, 901-905	3.9	4
64	Annealing in water vapor as a new method for improvement of silicon thin film properties. *Journal of Non-Crystalline Solids*, **2006**, 352, 955-958	3.9	9
63	Carrier dynamics in microcrystalline silicon studied by time-resolved terahertz spectroscopy. *Journal of Non-Crystalline Solids*, **2006**, 352, 2846-2849	3.9	6
62	Characterization of hydrogen contained in passivated poly-Si and microcrystalline-Si by ERDA technique. *Surface and Interface Analysis*, **2006**, 38, 819-822	1.5	2

61	Defects generation by hydrogen passivation of polycrystalline silicon thin films. *Solar Energy*, **2006**, 80, 653-657	6.8	11
60	Hydrogenation of polycrystalline silicon thin films. *Thin Solid Films*, **2006**, 501, 144-148	2.2	7
59	Characterization of grain growth, nature and role of grain boundaries in microcrystalline silicon□eview of typical features. *Thin Solid Films*, **2006**, 501, 107-112	2.2	29
58	Effect of hydrogen passivation on polycrystalline silicon thin films. *Thin Solid Films*, **2005**, 487, 152-156	2.2	27
57	Patterning of hydrogenated microcrystalline silicon growth by magnetic field. *Applied Physics Letters*, **2005**, 87, 011901	3.4	8
56	Thin silicon films deposited at low substrate temperatures studied by surface photovoltage technique. *Thin Solid Films*, **2004**, 451-452, 408-412	2.2	
55	The physics and technological aspects of the transition from amorphous to microcrystalline and polycrystalline silicon. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 1097-1114		23
54	Model of electronic transport in microcrystalline silicon and its use for prediction of device performance. *Journal of Non-Crystalline Solids*, **2004**, 338-340, 303-309	3.9	29
53	Photogenerated carriers in □-Si:H/a-Si:H multi-layers. *Journal of Non-Crystalline Solids*, **2004**, 338-340, 353-356	3.9	8
52	Formation of microcrystalline silicon at low temperatures and role of hydrogen. *Journal of Non-Crystalline Solids*, **2004**, 338-340, 287-290	3.9	7
51	Structure and Properties of Silicon Thin Films Deposited at Low Substrate Temperatures. *Japanese Journal of Applied Physics*, **2003**, 42, L987-L989	1.4	6
50	Silicon thin films deposited at very low substrate temperatures. *Thin Solid Films*, **2003**, 442, 163-166	2.2	4
49	Basic features of transport in microcrystalline silicon. *Solar Energy Materials and Solar Cells*, **2003**, 78, 493-512	6.4	54
48	Surface photovoltage measurements in □-Si:H: Manifestation of the bottom space charge region. *Journal of Applied Physics*, **2002**, 92, 2323-2329	2.5	5
47	Rapid crystallization of amorphous silicon at room temperature. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **2002**, 82, 1785-1793		20
46	Microcrystalline silicon thin films studied by atomic force microscopy with electrical current detection. *Journal of Applied Physics*, **2002**, 92, 587-593	2.5	70
45	Role of grains in protocrystalline silicon layers grown at very low substrate temperatures and studied by atomic force microscopy. *Journal of Non-Crystalline Solids*, **2002**, 299-302, 767-771	3.9	29
44	Influence of combined AFM/current measurement on local electronic properties of silicon thin films. *Journal of Non-Crystalline Solids*, **2002**, 299-302, 360-364	3.9	13

43	Importance of the transport isotropy in μc-Si:H thin films for solar cells deposited at low substrate temperatures. *Journal of Non-Crystalline Solids*, **2002**, 299-302, 395-399	3.9	9
42	Model of transport in microcrystalline silicon. *Journal of Non-Crystalline Solids*, **2002**, 299-302, 355-359	3.9	38
41	Detection of bottom depletion layer and its influence on surface photovoltage measurement in μc-Si:H. *Thin Solid Films*, **2001**, 383, 271-273	2.2	4
40	Charge transport in microcrystalline Si the specific features. *Solar Energy Materials and Solar Cells*, **2001**, 66, 61-71	6.4	20
39	Microcrystalline Silicon - Relation between Transport and Microstructure. *Solid State Phenomena*, **2001**, 80-81, 213-224	0.4	17
38	Amorphous/microcrystalline silicon superlattices the chance to control isotropy and other transport properties. *Applied Physics Letters*, **2001**, 79, 2540-2542	3.4	17
37	A new approach to surface photovoltage measurements on hydrogenated microcrystalline silicon layers. *Philosophical Magazine Letters*, **2001**, 81, 405-410	1	5
36	Transport anisotropy in microcrystalline silicon studied by measurement of ambipolar diffusion length. *Journal of Applied Physics*, **2001**, 89, 1800	2.5	29
35	Microscopic Aspects Of Charge Transport In Hydrogenated Microcrystalline Silicon. *Materials Research Society Symposia Proceedings*, **2001**, 664, 1611		11
34	Surface and bulk light scattering in microcrystalline silicon for solar cells. *Journal of Non-Crystalline Solids*, **2000**, 271, 152-156	3.9	8
33	New method of drift mobility evaluation in μc-Si:H, basic idea and comparison with time-of-flight. *Journal of Non-Crystalline Solids*, **2000**, 266-269, 331-335	3.9	17
32	Anisotropic carrier transport in preferentially oriented polycrystalline silicon films fabricated by very-high-frequency plasma enhanced chemical vapor deposition using fluorinated source gas. *Journal of Non-Crystalline Solids*, **2000**, 266-269, 341-346	3.9	6
31	Local electronic transport in microcrystalline silicon observed by combined atomic force microscopy. *Journal of Non-Crystalline Solids*, **2000**, 266-269, 309-314	3.9	7
30	Optical absorption and light scattering in microcrystalline silicon thin films and solar cells. *Journal of Applied Physics*, **2000**, 88, 148-160	2.5	205
29	Local characterization of electronic transport in microcrystalline silicon thin films with submicron resolution. *Applied Physics Letters*, **1999**, 74, 1475-1477	3.4	68
28	Microcrystalline Silicon - Relation of Transport Properties and Microstructure. *Materials Research Society Symposia Proceedings*, **1999**, 557, 483		20
27	Characterization of Laser Patterned a-Si:H Thin Films by Combined AFM/Local Current Measurements. *Physica Status Solidi A*, **1998**, 170, R1-R2		7
26	Thin nanocomposite films of phthalocyanines and metals. *Vacuum*, **1998**, 50, 191-194	3.7	3

25	Reexamination of high drift mobility a-Si:H. *Journal of Non-Crystalline Solids*, **1998**, 227-230, 229-232	3.9	1
24	Properties of amorphous carbon films characterized by laser desorption time of flight mass spectroscopy. *Journal of Non-Crystalline Solids*, **1998**, 227-230, 632-635	3.9	1
23	On the transport properties of microcrystalline silicon. *Journal of Non-Crystalline Solids*, **1998**, 227-230, 1006-1010	3.9	23
22	Electroluminescent properties of a-SiOx:H alloys. *Journal of Non-Crystalline Solids*, **1998**, 227-230, 1160-1163	3.9	1
21	Short-term degradation of porous silicon light-emitting diodes. *Journal of Luminescence*, **1997**, 72-74, 992-993	3.8	
20	Nanostructural composites of phthalocyanine and metals. *European Physical Journal D*, **1997**, 47, 461-465		1
19	Comments on space-charge-limited time-of-flight measurements in post-transit mode, applied to a-Si:H based solar cells. *Journal of Non-Crystalline Solids*, **1996**, 198-200, 190-193	3.9	5
18	Precise measurement of the deep defects and surface states in a-Si:H films by absolute CPM. *Journal of Non-Crystalline Solids*, **1996**, 198-200, 304-308	3.9	11
17	Light emitting silicon, recent progress. *Journal of Non-Crystalline Solids*, **1996**, 198-200, 857-862	3.9	27
16	Optical and Electrical Properties of Undoped Microcrystalline Silicon Deposited by the VHF-GD with Different Dilutions of Silane in Hydrogen. *Materials Research Society Symposia Proceedings*, **1996**, 452, 761		17
15	Charge transport in porous silicon: considerations for achievement of efficient electroluminescence. *Thin Solid Films*, **1996**, 276, 187-190	2.2	20
14	Instabilities in electroluminescent porous silicon diodes. *Applied Physics Letters*, **1996**, 69, 833-835	3.4	13
13	Electric and Photoelectric Properties of High Porosity Silicon. *Physica Status Solidi (B): Basic Research*, **1995**, 190, 27-33	1.3	10
12	Characterization of carbon nitride films prepared by laser reactive ablation deposition. *Journal of Electron Spectroscopy and Related Phenomena*, **1995**, 76, 747-752	1.7	24
11	Light-emitting Si prepared by laser annealing of a-Si:H. *Thin Solid Films*, **1995**, 255, 302-304	2.2	3
10	Direct measurement of the deep defect density in thin amorphous silicon films with the absolute constant photocurrent method. *Journal of Applied Physics*, **1995**, 78, 6203-6210	2.5	75
9	Transport study of self-supporting porous silicon. *Applied Physics Letters*, **1995**, 66, 1098-1100	3.4	36
8	Hydrogen and nitrogen bonding in silicon nitride layers deposited by laser reactive ablation: Infrared and x-ray photoelectron study. *Applied Physics Letters*, **1995**, 67, 3269-3271	3.4	16

7	Photoconductivity study of self-supporting porous silicon. *Thin Solid Films*, **1995**, 255, 269-271	2.2	19
6	Metal-doped hard carbon films. *International Journal of Electronics*, **1994**, 76, 937-940	1.2	4
5	Thin films prepared by simultaneous deposition of copper and free-base phthalocyanine. *European Physical Journal D*, **1993**, 43, 905-909		3
4	Ion cluster beam deposition of phthalocyanine films. *International Journal of Electronics*, **1992**, 73, 1051-1053	1.2	3
3	Plasma polymerized PVCa and composite Au/PVCa films and their physical properties This paper was presented at the Second International Seminar on the Electronic Properties of Metal/Non-metal Microsystems, held at Ti, Czechoslovakia, 18-22 September 1989, but missed the deadline for publication in the July 1990 Special Issue of the International Journal of	1.2	3
2	Temperature induced structural rearrangements of Ag/a-C:H composite films and their dc electrical conduction. *Vacuum*, **1990**, 40, 377-380 1, 70, 509-513	3.7	12
1	Microstructure and optical properties of gold - doped plasma polymerized halocarbons. *Vacuum*, **1989**, 39, 19-22	3.7	10