

Philippe Allongue

List of Publications by Year in descending order

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87888

38
h-index

62596

80
g-index

154
all docs

154
docs citations

154
times ranked

5277
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent Modification of Carbon Surfaces by Aryl Radicals Generated from the Electrochemical Reduction of Diazonium Salts. <i>Journal of the American Chemical Society</i> , 1997, 119, 201-207.	13.7	978
2	Electrochemical Micromachining. <i>Science</i> , 2000, 289, 98-101.	12.6	551
3	Electrochemical Formation of Close-Packed Phenyl Layers on Si(111). <i>Journal of Physical Chemistry B</i> , 1997, 101, 2415-2420.	2.6	316
4	Semiquantitative Study of the EDC/NHS Activation of Acid Terminal Groups at Modified Porous Silicon Surfaces. <i>Langmuir</i> , 2010, 26, 809-814.	3.5	311
5	Etching of Silicon in NaOH Solutions: II. Electrochemical Studies of Si(111) and (100) and Mechanism of the Dissolution. <i>Journal of the Electrochemical Society</i> , 1993, 140, 1018-1026.	2.9	241
6	Etching of Silicon in NaOH Solutions: I. In Situ Scanning Tunneling Microscopic Investigation of Si(111). <i>Journal of the Electrochemical Society</i> , 1993, 140, 1009-1018.	2.9	220
7	Insights into the Formation Mechanisms of Si ⁺ OR Monolayers from the Thermal Reactions of Alcohols and Aldehydes with Si(111)-H. <i>Langmuir</i> , 2000, 16, 7429-7434.	3.5	199
8	Organic monolayers on Si(111) by electrochemical method. <i>Electrochimica Acta</i> , 1998, 43, 2791-2798.	5.2	184
9	Truly Quantitative XPS Characterization of Organic Monolayers on Silicon: Study of Alkyl and Alkoxy Monolayers on Si(111). <i>Journal of the American Chemical Society</i> , 2005, 127, 7871-7878.	13.7	182
10	Well-Defined Carboxyl-Terminated Alkyl Monolayers Grafted onto Si(111): Packing Density from a Combined AFM and Quantitative IR Study. <i>Langmuir</i> , 2006, 22, 153-162.	3.5	172
11	Etching mechanism and atomic structure of H-Si(111) surfaces prepared in NH ₄ F. <i>Electrochimica Acta</i> , 1995, 40, 1353-1360.	5.2	169
12	Phenyl layers on Si(111) by electrochemical reduction of diazonium salts: monolayer versus multilayer formation. <i>Journal of Electroanalytical Chemistry</i> , 2003, 550-551, 161-174.	3.8	164
13	The preparation of flat Si(111) surfaces in 40% NH ₄ F revisited. <i>Electrochimica Acta</i> , 2000, 45, 4591-4598.	5.2	157
14	Structural characterization of organic monolayers on Si(111) from capacitance measurements. <i>Electrochimica Acta</i> , 2000, 45, 3241-3248.	5.2	101
15	The Mechanism of the Anodic Oxidation of Silicon in Acidic Fluoride Solutions Revisited. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1993, 97, 753-757.	0.9	100
16	Molecularly Tunable Organic Capacitors at Silicon/Aqueous Electrolyte Interfaces. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11157-11161.	2.6	96
17	Operando Surface X-ray Diffraction Studies of Structurally Defined Co ₃ O ₄ and CoOOH Thin Films during Oxygen Evolution. <i>ACS Catalysis</i> , 2019, 9, 3811-3821.	11.2	93
18	Charge Exchange Processes during the Open-Circuit Deposition of Nickel on Silicon from Fluoride Solutions. <i>Journal of the Electrochemical Society</i> , 2000, 147, 1026.	2.9	90

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19	In situ STM observations of the etching of n-Si(111) in NaOH solutions. Surface Science, 1992, 275, 414-423.	1.9	88
20	Electrodeposition of Co and Ni/Au(111) ultrathin layers. Part I: nucleation and growth mechanisms from in situ STM. Surface Science, 2004, 557, 41-56.	1.9	86
21	Metal electrodeposition on semiconductors. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 286, 217-237.	0.1	81
22	Band Edge Shift and Surface Charges at Illuminated n-GaAs/Aqueous Electrolyte Junctions: Surface State Analysis and Simulation of Their Occupation Rate. Journal of the Electrochemical Society, 1985, 132, 45-52.	2.9	79
23	Evidence for hydrogen incorporation during porous silicon formation. Applied Physics Letters, 1995, 67, 941-943.	3.3	72
24	Enhanced interface perpendicular magnetic anisotropy in electrodeposited Co/Au(111) layers. Physical Review B, 2001, 63, .	3.2	71
25	Molecular Imaging and Local Density of States Characterization at the Si(111)/NaOH Interface. Physical Review Letters, 1996, 77, 1986-1989.	7.8	60
26	Anion effect in Co/Au(111) electrodeposition: structure and magnetic behavior. Applied Surface Science, 2000, 164, 22-28.	6.1	56
27	Schottky barrier formation of various metals on n-GaAs (100) by electrochemical deposition. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1987, 5, 1644.	1.6	54
28	Water Exclusion at the Nanometer Scale Provides Long-Term Passivation of Silicon (111) Grafted with Alkyl Monolayers. Journal of Physical Chemistry B, 2006, 110, 5576-5585.	2.6	54
29	Electrochemical Micromachining of p-Type Silicon. Journal of Physical Chemistry B, 2004, 108, 14434-14439.	2.6	52
30	Electrochemical Characterization of the Open-Circuit Deposition of Platinum on Silicon from Fluoride Solutions. Journal of Physical Chemistry B, 2003, 107, 6454-6461.	2.6	51
31	Metal electrodeposition on single crystal metal surfaces mechanisms, structure and applications. Current Opinion in Solid State and Materials Science, 2006, 10, 173-181.	11.5	51
32	Photodissolution Kinetics of n-GaAs in 1M KOH and Calculation of the Stabilization by Se ²⁺ : Effect of the Ru ³⁺ Surface Treatment. Journal of the Electrochemical Society, 1984, 131, 2861-2868.	2.9	47
33	The Titration of Carboxyl-Terminated Monolayers Revisited: In Situ Calibrated Fourier Transform Infrared Study of Well-Defined Monolayers on Silicon. Langmuir, 2008, 24, 9440-9448.	3.5	47
34	Metal electrodeposition on semiconductors. Journal of Electroanalytical Chemistry, 1993, 362, 79-87.	3.8	46
35	Quantitative Comparison of Fermi Level Pinning at GaAs/Metal and GaAs/Liquid Junctions. Journal of the Electrochemical Society, 1984, 131, 2563-2569.	2.9	42
36	Digital computation and in situ STM approach of silicon anisotropic etching. Surface Science, 1997, 388, 50-62.	1.9	42

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37	Metal electrodeposition on semiconductors. Journal of Electroanalytical Chemistry, 1993, 362, 89-95.	3.8	40
38	Electrochemical growth of gold on well-defined vicinal H ⁺ Si(111) surfaces studied by AFM and XRD. Surface Science, 2003, 537, 95-112.	1.9	39
39	Charge Transfer Process at Illuminated Semiconductor/Electrolyte Junctions Modified by Electrodeposition of Microscopic Metal Grain. Journal of the Electrochemical Society, 1989, 136, 1027-1033.	2.9	38
40	Electrochemical growth of ultraflat Au(111) epitaxial buffer layers on H ⁺ Si(111). Applied Physics Letters, 2008, 93, .	3.3	38
41	Detailed Analysis of a Redox Stabilized Liquid Junction Solar Cell: Application to the Cell. Journal of the Electrochemical Society, 1983, 130, 2352-2357.	2.9	37
42	In- situ magnetic measurements of electrodeposited ultrathin Co, Ni and Fe/Au(111) layers. Physical Chemistry Chemical Physics, 2001, 3, 3330-3335.	2.8	35
43	Experimental investigation of charge transfer at the semiconductor/electrolyte junction. Electrochimica Acta, 1992, 37, 781-797.	5.2	34
44	Cu Electroplating on H-Terminated n-Si(111): Properties and Structure of n-Si/Cu Junctions. Journal of the Electrochemical Society, 2001, 148, C614.	2.9	32
45	Molecular monolayers on silicon as substrates for biosensors. Bioelectrochemistry, 2010, 80, 17-25.	4.6	32
46	Anion promoted Ni-underpotential deposition on Au(111). Surface Science, 1997, 384, L836-L843.	1.9	30
47	Corrosion of III ⁻ V compounds; a comparative study of GaAs and InP. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 317, 77-99.	0.1	29
48	Relationship between porous silicon formation and hydrogen incorporation. Thin Solid Films, 1997, 297, 1-4.	1.8	29
49	Charge transfer and stabilization at illuminated n-GaAs/aqueous electrolyte junctions. Electrochimica Acta, 1988, 33, 79-87.	5.2	28
50	Thermal decomposition of alkyl monolayers covalently grafted on (111) silicon. Applied Physics Letters, 2006, 88, 193123.	3.3	28
51	<i>Operando</i> Identification of the Reversible Skin Layer on Co ₃ O ₄ as a Three-Dimensional Reaction Zone for Oxygen Evolution. ACS Catalysis, 2022, 12, 3256-3268.	11.2	28
52	Steady State Photocapacitance Study of Semiconductor/Electrolyte Junctions II. Surface State Distribution and Charge Transfer Mechanisms. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1988, 92, 895-903.	0.9	27
53	Influence of controlled surface oxidation on the magnetic anisotropy of Co ultrathin films. Applied Physics Letters, 2015, 106, .	3.3	27
54	Flatband potential determination and surface modifications at semiconductor-liquid junctions. Solid State Communications, 1985, 55, 49-53.	1.9	26

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55	Study of reaction coupling and interfacial kinetics at semiconductor electrodes by band edge shift measurements. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 300, 261-281.	0.1	25
56	Magnetism of electrodeposited ultrathin layers: Challenges and opportunities. <i>Surface Science</i> , 2009, 603, 1831-1840.	1.9	25
57	Mechanisms of Thermal Decomposition of Organic Monolayers Grafted on (111) Silicon. <i>Langmuir</i> , 2007, 23, 1326-1332.	3.5	24
58	Single-step electrochemical nanolithography of metal thin films by localized etching with an AFM tip. <i>Nanotechnology</i> , 2008, 19, 325301.	2.6	24
59	Influence of the surface chemistry on the electric-field control of the magnetization of ultrathin films. <i>Physical Review B</i> , 2012, 86, .	3.2	24
60	Photocapacitance study of n-GaAs/electrolyte interfaces. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1987, 91, 386-390.	0.9	23
61	Electrodeposited magnetic layers in the ultrathin limit. <i>MRS Bulletin</i> , 2010, 35, 761-770.	3.5	23
62	Covalent Functionalizations of Silicon Surfaces and Their Application to Biosensors. <i>Science of Advanced Materials</i> , 2011, 3, 332-353.	0.7	23
63	Electrochemical Stability of the Reconstructed Fe ₃ O ₄ (001) Surface. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21904-21908.	13.8	22
64	Stabilization of n-GaAs in Acidic Concentrated Iodide Electrolytes. <i>Journal of the Electrochemical Society</i> , 1987, 134, 620-625.	2.9	20
65	Self-ordered electrochemical growth on single-crystal electrode surfaces. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S97-S114.	1.8	20
66	In situ monitoring of the electronic properties and the pH stability of grafted Si(111). <i>Journal of Electroanalytical Chemistry</i> , 2010, 646, 33-42.	3.8	20
67	Semiconductor electrodes modified by electrodeposition of discontinuous metal films. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1989, 269, 361-374.	0.1	18
68	Atomic Structure of Si Surfaces Etched in Triton/NaOH Solutions. <i>The Journal of Physical Chemistry</i> , 1995, 99, 9472-9478.	2.9	18
69	Preparation, characterization and magneto-optical investigations of electrodeposited Co/Au films. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 315, 26-38.	2.3	18
70	Epitaxial Electrodeposition of Fe on Au(111): Structure, Nucleation, and Growth Mechanisms. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16080-16089.	3.1	18
71	Semiconductor electrode modifications: influence on the state distribution at the interface. <i>Electrochimica Acta</i> , 1989, 34, 1717-1722.	5.2	17
72	Conducting Probe-Mediated Electrochemical Nanopatterning of Molecular Materials. <i>Journal of the American Chemical Society</i> , 2001, 123, 11486-11487.	13.7	17

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73	Intralayer coupling in self-organized Fe nanoclusters grown on vicinal Si(111). <i>Physical Review B</i> , 2004, 70, .	3.2	17
74	Structure sensitive in situ Raman study of iron passive films using SERS-active Fe ²⁺ /Au(111) substrates. <i>Physical Review B</i> , 2005, 71, .	3.2	17
75	Covalent immobilization of amino acids on the porous silicon surface. <i>Surface and Interface Analysis</i> , 2010, 42, 515-518.	1.8	17
76	Kinetics of Activation of Carboxyls to Succinimidyl Ester Groups in Monolayers Grafted on Silicon: An in Situ Real-Time Infrared Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6782-6787.	3.1	17
77	Corrosion of III-V compounds; a comparative study of GaAs and InP. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 316, 57-77.	0.1	16
78	Molecular Grafting on Si(111) Surfaces: An Electrochemical Approach. <i>Materials Research Society Symposia Proceedings</i> , 1996, 451, 185.	0.1	16
79	Electrodeposition of Fe/Au(111) ultrathin layers with perpendicular magnetic anisotropy. <i>Physica B: Condensed Matter</i> , 2004, 354, 282-285.	2.7	16
80	In situ surface X-ray diffraction study of ultrathin epitaxial Co films on Au(111) in alkaline solution. <i>Electrochimica Acta</i> , 2016, 197, 273-281.	5.2	16
81	Transmission Surface Diffraction for Operando Studies of Heterogeneous Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1067-1071.	4.6	16
82	Electrochemically Grown Tin Oxide Thin Films: In Situ Characterization of Electronic Properties and Growth Mechanism. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8173-8181.	2.6	15
83	Epitaxial Growth of Gold on H ₂ /Si(111): The Determining Role of Hydrogen Evolution. <i>ChemPhysChem</i> , 2010, 11, 2992-3001.	2.1	15
84	Photoelectrochemical behaviour of an n-type GaAs electrode studied by impedance measurements. Determination and simulation of the faradaic resistance. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1981, 119, 371-377.	0.1	14
85	Thermal stability of alkoxy monolayers grafted on Si(111). <i>Surface Science</i> , 2007, 601, 3961-3964.	1.9	14
86	Selective Growth and Dissolution of Ni on a PdAu Bimetallic Surface by <i>In Situ</i> STM: Determining the Relative Adsorbate-Substrate Interaction Energy. <i>Physical Review Letters</i> , 2009, 102, 196101.	7.8	13
87	Highly sensitive and reusable fluorescence microarrays based on hydrogenated amorphous silicon-carbon alloys. <i>Biosensors and Bioelectronics</i> , 2009, 25, 952-955.	10.1	13
88	Structure of Si(111) surfaces etched in 40% NH ₄ F: Influence of the doping. <i>Microscopy Microanalysis Microstructures</i> , 1994, 5, 291-299.	0.4	13
89	Comparison between metal and electrolyte/(III-V) semiconductor interfaces. <i>Surface Science</i> , 1986, 168, 356-364.	1.9	12
90	Strong dependence of the Fe thin-film magnetic anisotropy on the Si(111) substrate preparation. <i>Journal of Applied Physics</i> , 2003, 94, 1490-1494.	2.5	12

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91	I ϵ -V curve and surface state capacitance at illuminated semiconductor/liquid contacts. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 176, 369-375.	0.1	11
92	On the kinetics of charge transfer between an illuminated CdSe electrode and polysulphide electrolyte. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 269, 295-304.	0.1	11
93	Magnetic properties of electrodeposited Fe/Au(111) layers. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1616-1617.	2.3	11
94	Electrochemical growth and dissolution of Ni on bimetallic Pd/Au(111) substrates. Electrochimica Acta, 2010, 55, 8087-8099.	5.2	11
95	Insights into the Ochratoxin A/Aptamer Interactions on a Functionalized Silicon Surface by Fourier Transform Infrared and UV-Vis Studies. Langmuir, 2020, 36, 13908-13917.	3.5	11
96	Steady State Photocapacitance Study of Semiconductor/Aqueous Electrolyte Junctions: I. Interest and Difficulties in the Case of n-GaAs. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1988, 92, 566-572.	0.9	10
97	Analysis of Capacitance Potential Measurements at the Silicon Electrolyte Interface Revisited. Journal of Physical Chemistry C, 2007, 111, 5497-5499.	3.1	10
98	Electrochemical Au deposition on stepped Si(111)-H surfaces: 3D versus 2D growth studied by AFM and X-ray diffraction. Surface Science, 2009, 603, 1212-1220.	1.9	10
99	Quantitative IR Readout of Fulgimide Monolayer Switching on Si(111) Surfaces. Advanced Materials, 2013, 25, 416-421.	21.0	10
100	Poly(dimethylsiloxane) as a pre-coating in layer-by-layer films containing phosphotungstate nanoclusters electrochemically sensitive toward s-triazines. RSC Advances, 2014, 4, 29612.	3.6	10
101	Film and Interface Atomic Structures of Electrodeposited Co/Au(111) Layers: An in Situ X-ray Scattering Study as a Function of the Surface Chemistry and the Electrochemical Potential. Journal of Physical Chemistry C, 2016, 120, 3360-3370.	3.1	10
102	Controlled Oxidation of Alkyl Monolayers Grafted onto Flat Si(111) in an Oxygen Plasma of Low Power Density. Journal of Physical Chemistry C, 2009, 113, 14418-14428.	3.1	9
103	Electrodeposition of Ag, Pd and Au on Ni monolayer islands on (1 \times 1)-Au(111) by in-situ scanning tunneling microscopy. Electrochimica Acta, 2016, 197, 241-250.	5.2	9
104	Potential dependence of the structure and magnetism of electrodeposited Pd/Co/Au(111) layers. Journal of Electroanalytical Chemistry, 2018, 819, 322-330.	3.8	9
105	Photoelectrochemical behaviour of GaAs modified by electrodeposition of heteropolyanions. Electrochimica Acta, 1988, 33, 693-699.	5.2	8
106	Influence of the doping concentration on the electrochemical etching of semiconductors. Electrochimica Acta, 1993, 38, 889-895.	5.2	8
107	Probing the electrochemical interface with in situ magnetic characterizations: A case study of Co/Au(111) layers. Surface Science, 2015, 631, 88-95.	1.9	8
108	Oxide Formation and Dissolution on Silicon in KOH Electrolyte: An In-Situ Infrared Study. Journal of the Electrochemical Society, 2016, 163, H327-H338.	2.9	8

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109	Probing by in situ scanning tunneling microscopy the influence of an organic additive on Si etching in NaOH. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1994, 12, 1539.	1.6	7
110	Electrochemical transfer at p-type silicon(111)-alkyl monolayer hybrid electrodes in acetonitrile medium. Journal of Electroanalytical Chemistry, 2009, 629, 63-68.	3.8	7
111	AuNi alloy monolayer films electrodeposited on Au(111): An in situ STM study. Surface Science, 2013, 607, 25-32.	1.9	7
112	Influence of Potential on the Electrodeposition of Co on Au(111) by In Situ STM and Reflectivity Measurements. Journal of the Electrochemical Society, 2016, 163, D3062-D3068.	2.9	7
113	<i>In situ</i> monitoring of electric field effect on domain wall motion in Co ultrathin films in direct contact with an electrolyte. Applied Physics Letters, 2019, 115, .	3.3	7
114	Semiconducting photocathodes for the reduction of dioxygen. Electrochimica Acta, 2004, 49, 4577-4582.	5.2	6
115	Electrochemical de-alloying in two dimensions: role of the local atomic environment. Nanoscale, 2016, 8, 13985-13996.	5.6	6
116	Monte-Carlo Simulations of Si Etching: Comparison with in-situ STM images. Microscopy Microanalysis Microstructures, 1994, 5, 257-267.	0.4	6
117	In Situ Infrared Kinetic Study of Multistep Chemical Modifications of Organic Monolayers at Silicon Surfaces. ECS Transactions, 2009, 19, 283-292.	0.5	5
118	Organic Grafting on Si for Interfacial SiO ₂ Growth Inhibition During Chemical Vapor Deposition of HfO ₂ . Chemistry of Materials, 2012, 24, 3135-3142.	6.7	5
119	Improved chemical and electrical stability of gold silicon contacts via epitaxial electrodeposition. Journal of Applied Physics, 2013, 113, 063708.	2.5	5
120	In-situ infrared study of silicon in KOH electrolyte: Surface hydrogenation and hydrogen penetration. Surface Science, 2016, 644, 180-190.	1.9	4
121	Perpendicular anisotropy in electrodeposited Au/Co films. Physica B: Condensed Matter, 2006, 384, 138-140.	2.7	3
122	Electronic Properties and pH Stability of Si(111)/Alkyl Monolayers. ECS Transactions, 2009, 19, 373-379.	0.5	3
123	Spin-dependent photoelectron tunneling from GaAs into magnetic cobalt. Physical Review B, 2011, 83, .	3.2	3
124	Electrodeposition of NiPd monolayer on Au(111): An in situ scanning tunneling microscopy study. Electrochimica Acta, 2013, 112, 824-830.	5.2	3
125	Ni electrochemical epitaxy on unreconstructed Au(111): An in-situ STM study. Surface Science, 2015, 631, 135-140.	1.9	3
126	Direct Li ⁺ incorporation during the anodic formation of compact TiO ₂ layers. Chemical Communications, 2018, 54, 3251-3254.	4.1	3

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127	Structure of Mixed Acid/Decyl Monolayers Grafted on Oxide-Free Si(111) Surfaces. Langmuir, 2019, 35, 2547-2553.	3.5	3
128	Iron passivation studied by in situ Raman spectroscopy on Fe/Au(111) epitaxial films. , 2006, , 89-94.		2
129	In-situ IR Spectroscopy to Study Anodic Oxidation of Si(111) in KOH Solution. ECS Transactions, 2007, 6, 481-488.	0.5	2
130	Influence of Light Polarization on Photoswitching of Fulgimide Monolayers on Surfaces. Journal of Physical Chemistry C, 2019, 123, 12223-12233.	3.1	2
131	Functionalized Silicon Surfaces for Biological and Chemical Sensors. Sensor Letters, 2010, 8, 447-456.	0.4	2
132	Electrodeposition of Two-Dimensional Magnetic Nanostructures on Single Crystal Electrode Surfaces. , 0, , 217-241.		1
133	Thermal decomposition of alkoxy monolayers grafted on silicon: A mechanistic model. Surface Science, 2013, 609, 230-235.	1.9	1
134	Quantitative Infrared Investigation of the Acido-Basic Equilibrium at a Carboxy-Terminated Silicon Surface. ECS Transactions, 2007, 6, 475-479.	0.5	0
135	Electrochemical Growth Gold Buffer Layer on H-Si(111) Surfaces and Their Applications. ECS Transactions, 2009, 19, 197-207.	0.5	0
136	(Invited) Functionalization and Behavior in Aqueous Media of Silicon Surfaces for Improved Biochemical Sensing. ECS Transactions, 2011, 35, 101-107.	0.5	0
137	Electrochemical Stability of the Reconstructed Fe ₃ O ₄ (001) Surface. Angewandte Chemie, 2020, 132, 22088-22092.	2.0	0
138	Electrochemical surface processing of semiconductors at the atomic level. , 0, , 240-252.		0