John F Watts

List of Publications by Year
in descending order

165	5,087	147726	118793
papers	citations	31 h-index	62 g-index

168	168	168	6852
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation Diagnostics from the Subsurface of Lithiumâ€ion Battery Electrodes. Energy and Environmental Materials, 2022, 5, 662-669.	7.3	9
2	A comparative study of the wear performance of hard coatings for nuclear applications. Wear, 2022, 488-489, 204124.	1.5	6
3	Identification of uranium hexavalent compounds using X-ray photoelectron spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 79-88.	0.7	3
4	A guide for the meaningful surface analysis of wood by XPS and ToFâ€SIMS. Surface and Interface Analysis, 2022, 54, 389-404.	0.8	5
5	Sulfur infiltration and allotrope formation in porous cathode hosts for lithiumâ€sulfur batteries. AICHE Journal, 2022, 68, .	1.8	5
6	Special Issue of Surface and Interface Analysis Martin P. Seah MBE: Shining a light on surface chemical analysis. Surface and Interface Analysis, 2022, 54, 281-281.	0.8	0
7	Exploring Different Binders for a LiFePO4 Battery, Battery Testing, Modeling and Simulations. Energies, 2022, 15, 2332.	1.6	13
8	Quantitative atomic force microscopy: A statistical treatment of high-speed AFM data for quality control applications. Ultramicroscopy, 2022, 239, 113546.	0.8	3
9	The adhesion of aluminium inserts in epoxy composites: The role of surface pre-treatment. International Journal of Adhesion and Adhesives, 2022, 118, 103196.	1.4	4
10	A study of the interfacial chemistry between polymeric methylene diphenyl diâ€isocyanate and a Feâ€“Cr alloy. Surface and Interface Analysis, 2021, 53, 340-349.	0.8	12
11	Surfaces: How to assess. , 2021, , 79-107.		0
12	Green infrastructure for air quality improvement in street canyons. Environment International, 2021, 146, 106288.	4.8	118
13	Interfacial Chemistry Investigation of Initial Fouling Conditions in Isocyanate Production: The Antifouling Performance of AISI 316L Stainless Steel. ACS Omega, 2021, 6, 25950-25963.	1.6	2
14	An interfacial chemistry study of methylene diphenyl diisocyanate and tantalum for heat exchanger applications. Surface and Interface Analysis, 2020, 52, 685-693.	0.8	4
15	Reduced bilateral recombination by functional molecular interface engineering for efficient inverted perovskite solar cells. Nano Energy, 2020, 78, 105249.	8.2	45
16	Tailoring Perovskite Adjacent Interfaces by Conjugated Polyelectrolyte for Stable and Efficient Solar Cells. Solar Rrl, 2020, 4, 2000060.	3.1	23
17	Solvent Treatment of Wet-Spun PEDOT: PSS Fibers for Fiber-Based Wearable pH Sensing. Sensors, 2019, 19, 4213.	2.1	21
18	Oxidation of a depleted uraniumâ€5 wt% molybdenum (Uâ€5Mo) alloy in UHV by AES and XPS. Surface and Interface Analysis, 2019, 51, 849-856.	0.8	6

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19	Wear performance and characterisation of coatings for nuclear applications: WC-(W,Cr)2C-Ni and hard chromium plate. Wear, 2019, 430-431, 169-182.	1.5	14
20	Investigation of Chemical and Physical Surface Changes of Thermally Conditioned Glass Fibres. Fibers, 2019, 7, 7.	1.8	4
21	Atmospheric plasma treatment of CFRP composites to enhance structural bonding investigated using surface analytical techniques. International Journal of Adhesion and Adhesives, 2019, 91, 142-149.	1.4	27
22	The chemical throwing power of lithium-based inhibitors from organic coatings on AA2024-T3. Corrosion Science, 2019, 150, 194-206.	3.0	27
23	The interfacial interaction between isocyanate and stainless steel. International Journal of Adhesion and Adhesives, 2019, 88, 1-10.	1.4	32
24	A Time-of-Flight Secondary Ion Mass Spectrometry/Multivariate Analysis (ToF-SIMS/MVA) Approach To Identify Phase Segregation in Blends of Incompatible but Extremely Similar Resins. Analytical Chemistry, 2018, 90, 3936-3941.	3.2	33
25	Compositional study of a corrosion protective layer formed by leachable lithium salts in a coating defect on AA2024-T3 aluminium alloys. Progress in Organic Coatings, 2018, 119, 65-75.	1.9	37
26	Analysis of atmospheric plasmaâ€treated polypropylene by large area <scp>ToFâ€SIMS</scp> imaging and <scp>NMF</scp>. Surface and Interface Analysis, 2018, 50, 1180-1186.	0.8	8
27	Surface mass spectrometry as a new approach for the characterisation of coffee. Surface and Interface Analysis, 2018, 50, 1051-1057.	0.8	1
28	simsMVA: A tool for multivariate analysis of ToF-SIMS datasets. Chemometrics and Intelligent Laboratory Systems, 2018, 182, 180-187.	1.8	48
29	A growth mechanism for carbon nanotubes using metal oxides as catalysts. Surface and Interface Analysis, 2018, 50, 734-743.	0.8	1
30	Enhanced photovoltage for inverted planar heterojunction perovskite solar cells. Science, 2018, 360, 1442-1446.	6.0	1,221
31	Use of Surface Analysis Methods to Probe the Interfacial Chemistry of Adhesion. , 2018, , 227-255.		1
32	Surface analysis of 316 stainless steel treated with cold atmospheric plasma. Applied Surface Science, 2017, 403, 240-247.	3.1	33
33	XPS investigation of monatomic and cluster argon ion sputtering of tantalum pentoxide. Applied Surface Science, 2017, 405, 79-87.	3.1	191
34	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part IV - hexanedioic acid anhydrous. Surface Science Spectra, 2017, 24, 011104.	0.3	4
35	Non-negative matrix factorisation of large mass spectrometry datasets. Chemometrics and Intelligent Laboratory Systems, 2017, 163, 76-85.	1.8	38
36	Use of Surface Analysis Methods to Probe the Interfacial Chemistry of Adhesion. , 2017, , 1-29.		0

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37	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part II: Butanedioic acid. Surface Science Spectra, 2017, 24, 021403.	0.3	0
38	Introduction to a series of dicarboxylic acids analyzed by x-ray photoelectron spectroscopy. Surface Science Spectra, 2017, 24, .	0.3	11
39	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part I - propanedioic acid anhydrous. Surface Science Spectra, 2017, 24, .	0.3	3
40	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part II - butanedioic acid anhydrous. Surface Science Spectra, 2017, 24, .	0.3	5
41	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part III - pentanedioic acid anhydrous. Surface Science Spectra, 2017, 24, 011103.	0.3	3
42	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part V - heptanedioic acid anhydrous. Surface Science Spectra, 2017, 24, 011105.	0.3	5
43	Dicarboxylic acids analysed by x-ray photoelectron spectroscopy, Part VI - octanedioic acid anhydrous. Surface Science Spectra, 2017, 24, 011106.	0.3	4
44	Dicarboxylic acids analyzed by time-of-flight secondary ion mass spectrometry (Introduction to parts) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	0
45	Dicarboxylic acids analyzed by time-of-flight secondary ion mass spectrometry. Part 0: Ethanedioic acid. Surface Science Spectra, 2017, 24, 021401.	0.3	0
46	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part I: Propanedioic acid. Surface Science Spectra, 2017, 24, 021402.	0.3	0
47	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part III: Pentanedioic acid. Surface Science Spectra, 2017, 24, 021404.	0.3	0
48	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part IV: Hexanedioic acid. Surface Science Spectra, 2017, 24, 021405.	0.3	0
49	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part V: Heptanedioic acid. Surface Science Spectra, 2017, 24, 021406.	0.3	0
50	Dicarboxylic acids analyzed by time-of-flight secondary ions mass spectrometry. Part VI: Oxanedioic acid. Surface Science Spectra, 2017, 24, 021407.	0.3	0
51	Polystyreneâ€silicon bonding through Ï€ electrons: a combined XPS and DFT study. Surface and Interface Analysis, 2016, 48, 556-560.	0.8	12
52	An investigation of the effect of chlorinated solvents on surface characteristics of Sâ€65 beryllium. Surface and Interface Analysis, 2016, 48, 689-693.	0.8	3
53	Characterisation of wood growth regions by multivariate analysis of ToFâ€SIMS data. Surface and Interface Analysis, 2016, 48, 584-588.	0.8	9
54	Surface characterisation of pine wood by XPS. Surface and Interface Analysis, 2016, 48, 589-592.	0.8	27

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55	A surface investigation of parchments using ToFâ€SIMS and PCA. Surface and Interface Analysis, 2016, 48, 393-397.	0.8	5
56	Note: A versatile mass spectrometer chamber for molecular beam and temperature programmed desorption experiments. Review of Scientific Instruments, 2016, 87, 086102.	0.6	3
57	XPS examination of the native oxide layer on Kovar using aluminium, magnesium and silver x-ray sources. Surface Science Spectra, 2016, 23, 40-50.	0.3	2
58	Characterisation of cellulose and hardwood organosolv lignin reference materials by XPS. Surface Science Spectra, 2016, 23, 1-8.	0.3	21
59	Next Generation Device Grade Silicon-Germanium on Insulator. Scientific Reports, 2015, 5, 8288.	1.6	52
60	Analysis of the Be KLL Auger Transition of Beryllium Nitride and Beryllium Carbide by AES. Surface Science Spectra, 2015, 22, 71-80.	0.3	4
61	The chemical state plot for beryllium compounds. Surface and Interface Analysis, 2015, 47, 994-995.	0.8	1
62	Laser surface modification of poly(etheretherketone) to enhance surface free energy, wettability and adhesion. International Journal of Adhesion and Adhesives, 2015, 62, 69-77.	1.4	54
63	Analysis of Silicon Germanium Standards for the Quantification of SiGe Microelectronic Devices Using AES. Surface Science Spectra, 2015, 22, 32-46.	0.3	0
64	Physicochemical characteristics and occupational exposure to coarse, fine and ultrafine particles during building refurbishment activities. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	24
65	XPS Examination of the Oxide Layer Formed on Kovar Following Pre-Oxidation. Surface Science Spectra, 2015, 22, 58-70.	0.3	6
66	Comparative study of the native oxide on 316L stainless steel by XPS and ToF-SIMS. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, .	0.9	49
67	Flame treatment of polypropylene: A study by electron and ion spectroscopies. International Journal of Adhesion and Adhesives, 2015, 63, 26-33.	1.4	32
68	The 15th European Conference on Applications of Surface and Interface Analysis. Surface and Interface Analysis, 2014, 46, 653-653.	0.8	0
69	The electron spectra of beryllium and beryllium oxide: an XPS, Xâ€AES and AES study. Surface and Interface Analysis, 2014, 46, 989-992.	0.8	17
70	Analysis of the Li KLL Auger Transition on Freshly Exposed Lithium and Lithium Surface Oxide by AES. Surface Science Spectra, 2013, 20, 113-127.	0.3	18
71	A ToF-SIMS investigation of the thermodynamics and bonding of polymeric methylene diphenyl diisocyanate on oxidised aluminium and iron surfaces. RSC Advances, 2013, 3, 10754.	1.7	6
72	The Role of the Surface Pretreatment in the Durability of Aluminium-Alloy Structural Adhesive Joints: Mechanisms of Failure. Journal of Adhesion, 2013, 89, 369-397.	1.8	17

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73	Analysis of the Be KLL Auger Transition on Beryllium and Beryllium Oxide by AES. Surface Science Spectra, 2013, 20, 97-112.	0.3	6
74	The Interface and Interphase in Polymer Matrix Composites: Effect on Mechanical Properties and Methods for Identification. Polymer Reviews, 2012, 52, 321-354.	5.3	164
75	Failure of a Waterborne Primer Applied to Zinc Coated Steel. Surface and Interface Analysis, 2012, 44, 1054-1058.	0.8	6
76	The characterisation of the interfacial chemistry of adhesion of rigid polyurethane foam to aluminium. Journal of Materials Science, 2012, 47, 902-918.	1.7	19
77	The adsorption of an epoxy acrylate resin on aluminium alloy conversion coatings. International Journal of Adhesion and Adhesives, 2011, 31, 687-694.	1.4	5
78	The transfer of organics onto glass studied by ToF-SIMS. Surface and Interface Analysis, 2011, 43, 423-426.	0.8	3
79	Use of Surface Analysis Methods to Probe the Interfacial Chemistry of Adhesion. , 2011, , 209-235.		0
80	The effect of silane incorporation on a metal adhesive interface: A study by electron energy loss spectroscopy. Micron, 2010, 41, 130-134.	1.1	17
81	Approaches to analyzing insulators with Auger electron spectroscopy: Update and overview. Journal of Electron Spectroscopy and Related Phenomena, 2010, 176, 80-94.	0.8	33
82	Effect of flame treatment on formulated polyvinylchloride surface: A study using ARXPS. Journal of Electron Spectroscopy and Related Phenomena, 2010, 178-179, 409-414.	0.8	9
83	The potential for the application of Xâ€ray photoelectron spectroscopy in forensic science. Surface and Interface Analysis, 2010, 42, 358-362.	0.8	20
84	SIMS fingerprint analysis on organic substrates. Surface and Interface Analysis, 2010, 42, 826-829.	0.8	31
85	The characterization of the interfacial interaction between polymeric methylene diphenyl diisocyanate and aluminum: a ToFâ€SIMS and XPS study. Surface and Interface Analysis, 2010, 42, 1432-1444.	0.8	65
86	Role of Corrosion in the Failure of Adhesive Joints. , 2010, , 2463-2481.		15
87	Chemical Characterisation of the Fracture Surfaces of Polyester Resin and a Polyester-Based Nanocomposite. Journal of Adhesion Science and Technology, 2009, 23, 689-708.	1.4	7
88	Microbeam analysis applied to adhesion, surfaces and interfaces. Mikrochimica Acta, 2009, 164, 379-385.	2.5	5
89	Examination of the interface of a model adhesive joint by surface analysis: a study by XPS and ToFâ€SIMS. Surface and Interface Analysis, 2009, 41, 508-516.	0.8	23
90	Monitoring atomic level electronic changes in the alloying of stainless steels with Auger and photoelectron spectroscopy. Surface Science, 2008, 602, 216-225.	0.8	4

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91	Failure mechanisms in adhesively bonded aluminium: an XPS and PEELS study. Surface and Interface Analysis, 2008, 40, 128-131.	0.8	5
92	An investigation of the distribution of minor components in complex polymeric paint formulations using ToF-SIMS depth profiling. Surface and Interface Analysis, 2008, 40, 436-440.	0.8	6
93	Surface characterization of polyester resins formulated with different cross-linking agents. Surface and Interface Analysis, 2008, 40, 137-141.	0.8	2
94	Interfacial studies of Al₂O₃ deposited on 4Hâ€SiC(0001). Surface and Interface Analysis, 2008, 40, 822-825.	0.8	9
95	Failure characteristics of adhesively bonded aluminium for spacecraft applications. Surface and Interface Analysis, 2008, 40, 132-136.	0.8	2
96	Development of an automated in situ fracture stage for a ToF-SIMS system. Surface and Interface Analysis, 2008, 40, 1409-1414.	0.8	7
97	Processability studies of silicaâ€thermoset polymer matrix nanocomposites. Polymer Engineering and Science, 2008, 48, 216-222.	1.5	10
98	Al KÎ± and Cu KÎ±1 excited XPS of vanadium oxide and VF3 powders: Measurement of the V 1s â€“ KLL Auger parameters. Journal of Electron Spectroscopy and Related Phenomena, 2008, 162, 19-24.	0.8	12
99	An experimental study of charge distribution in crystalline and amorphous Si nanoclusters in thin silica films. Journal of Applied Physics, 2008, 103, .	1.1	29
100	Electrofunctional polymer nanocomposites. , 2008, , .		0
101	Evaluation of the Interaction and Adsorption of Î³-Glycidoxy propyl trimethoxy silane with Grit-Blasted Aluminium: A ToF-SIMS and XPS Study. Journal of Adhesion, 2008, 84, 725-741.	1.8	15
102	Influence of Temperature on Aminosilane Thin Films Deposited on Aluminium Substrates: A Study by Surface Analysis. Journal of Adhesion, 2008, 84, 847-871.	1.8	2
103	The forensic study of single fibre pull-out specimens using ToF-SIMS. Composite Interfaces, 2007, 14, 387-402.	1.3	3
104	A study of electrochemically treated PAN based carbon fibres by IGC and XPS. Carbon, 2007, 45, 2433-2444.	5.4	82
105	ToF-SIMS depth profiling of a complex polymeric coating employing a C60 sputter source. Surface and Interface Analysis, 2007, 39, 467-475.	0.8	25
106	The effect of ormosil nano-particles on the toughness of a polyester resin. Journal of Materials Science, 2007, 42, 3230-3237.	1.7	10
107	Organicâ"Inorganic Hybrid Nanoparticles:Â Surface Characteristics and Interactions with a Polyester Resin. Langmuir, 2006, 22, 5144-5151.	1.6	26
108	Mechanism of delamination of a polyamide coating modified with an aminosilane. Surface and Interface Analysis, 2006, 38, 168-171.	0.8	7

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109	Simple surface treatments to modify protein adsorption and cell attachment properties within a poly(dimethylsiloxane) micro-bioreactor. Surface and Interface Analysis, 2006, 38, 198-201.	0.8	97
110	Surface and interface analysis of complex polymeric paint formulations. Surface and Interface Analysis, 2006, 38, 557-560.	0.8	10
111	A handbook that justifies its title. Nano Today, 2006, 1, 51.	6.2	1
112	Effect of solvent nature on the interaction of -glycidoxy propyl trimethoxy silane on oxidised aluminium surface: A study by solution chemistry and surface analysis. International Journal of Adhesion and Adhesives, 2006, 26, 16-27.	1.4	41
113	ToF-SIMS studies of the adsorption of epoxy resin molecules on organosilane-treated aluminium: Adsorption kinetics and adsorption isotherms. International Journal of Adhesion and Adhesives, 2006, 26, 28-39.	1.4	27
114	Performance and application of a high energy monochromated Cu KÎ±1 X-ray source for the electron spectroscopy of materials. Journal of Electron Spectroscopy and Related Phenomena, 2005, 142, 151-162.	0.8	19
115	Intercoat adhesion failure in a multilayer organic coating system: An X-ray photoelectron spectroscopy study. Progress in Organic Coatings, 2005, 54, 20-27.	1.9	21
116	Migration and segregation phenomena of a silicone additive in a multilayer organic coating. Progress in Organic Coatings, 2005, 54, 104-112.	1.9	46
117	Surfaces: how to assess. , 2005, , 52-74.		0
118	Degradation of Interfacial Chemistry of Epoxy/Silane/Aluminium Interfaces as a Result of Aqueous Attack. Journal of Adhesion, 2005, 81, 963-988.	1.8	10
119	Enhancement of the durability of a polyamide coating: incorporation of an aminosilane into the powder formulation. Surface and Interface Analysis, 2004, 36, 685-688.	0.8	15
120	Interface analysis and compositional depth profiling by XPS of polymer coatings prepared using ultra-low-angle microtomy. Surface and Interface Analysis, 2004, 36, 1032-1036.	0.8	28
121	Interfacial chemistry of adhesives on hydrated aluminium and hydrated aluminium treated with an organosilane. Surface and Interface Analysis, 2004, 36, 1449-1468.	0.8	29
122	A ToF-SIMS investigation of a buried polymer/polymer interface exposed by ultra-low-angle microtomy. Surface and Interface Analysis, 2004, 36, 1575-1581.	0.8	37
123	THE INFLUENCE OF PROCESS PARAMETERS ON THE INTERFACIAL CHEMISTRY OF Î³-GPS ON ALUMINIUM: A REVIEW. Journal of Adhesion, 2004, 80, 291-312.	1.8	40
124	Characterisation of the curing temperature effects on polyester systems by angle-resolved XPS (ARXPS). International Journal of Adhesion and Adhesives, 2003, 23, 101-113.	1.4	15
125	Investigating the adsorption of components of an epoxy primer on to galvanised steel using ToF-SIMS. Surface Coatings International Part B: Coatings Transactions, 2003, 86, 291-300.	0.3	4
126	Direct observation and characterisation of the oxide nanostructured interface resulting from organosilane pre-treatment of aluminium. Materials Research Society Symposia Proceedings, 2002, 734, 181.	0.1	1

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127	Early stages of degradation of polysulphide sealants in an aqueous environment. Surface and Interface Analysis, 2002, 34, 19-24.	0.8	2
128	Adsorption of polysulphide sealants onto organosilane-coated aluminium and aluminium substrates. Surface and Interface Analysis, 2002, 34, 30-34.	0.8	3
129	Auger parameter studies of aluminium-transition metal alloys. Surface and Interface Analysis, 2002, 34, 360-364.	0.8	16
130	High-resolution XPS study of crosslinking and segregation phenomena in hexamethoxymethyl melamine-polyester resins. Surface and Interface Analysis, 2002, 34, 570-574.	0.8	24
131	Surface physico-chemistry of corona-discharge-treated poly(ethylene terephthalate) film. Surface and Interface Analysis, 2002, 33, 617-625.	0.8	44
132	Free-electron metal alloys: a study by high-energy XPS. Surface and Interface Analysis, 2002, 33, 775-780.	0.8	10
133	Angle-resolved XPS characterization of urea formaldehyde-epoxy systems. Surface and Interface Analysis, 2002, 33, 869-878.	0.8	34
134	The interaction of a commercial dry film adhesive with aluminium and organosilane treated aluminium surfaces: a study by XPS and ToF-SIMS. International Journal of Adhesion and Adhesives, 2002, 22, 205-218.	1.4	50
135	Surface chemical and thermodynamic properties of Î³â€glycidoxy-propyltrimethoxysilane-treated alumina: an XPS and IGC study. Journal of Materials Chemistry, 2001, 11, 533-543.	6.7	21
136	Controlled structure copolymers for the dispersion of high-performance ceramics in aqueous media. Journal of Materials Chemistry, 2001, 11, 2437-2444.	6.7	15
137	Electron spectroscopy with Cr KÎ² photons: high energy XPS and X-AES. Journal of Electron Spectroscopy and Related Phenomena, 2001, 113, 153-166.	0.8	19
138	Segregation and crosslinking in urea formaldehyde/epoxy resins: a study by high-resolution XPS. Journal of Electron Spectroscopy and Related Phenomena, 2001, 121, 233-247.	0.8	45
139	An experimental study of bonding and crystal structure modifications in MoSi2 and MoSi2+xAl (x=10) Tj ETQq1 1 0.784314 rgBT /Overl 1063-1078.	3.8	28
140	Evidence of specific interaction between ?-glycidoxypropyltrimethoxysilane and oxidized aluminium using high-mass resolution ToF-SIMS. Surface and Interface Analysis, 2000, 29, 115-125.	0.8	90
141	The surface chemistry and acidâ€“base properties of a PAN-based carbon fibre. Carbon, 2000, 38, 675-689.	5.4	60
142	Surface characterisation of components used in coil coating primers. International Journal of Adhesion and Adhesives, 2000, 20, 1-10.	1.4	22
143	The role of the interphase in the environmental failure of adhesive joints. Acta Materialia, 2000, 48, 4543-4553.	3.8	155
144	The Interaction of Î³-Glycidoxypropyltrimethoxysilane with Oxidised Aluminium Substrates: The Effect of Drying Temperature. Journal of Adhesion, 2000, 73, 313-340.	1.8	18

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145	The effect of siloxane-type molecules on the interlaminar toughness of CFRP. Composites Part A: Applied Science and Manufacturing, 2000, 31, 559-569.	3.8	9
146	Interaction of Epoxy Analogue Molecules with Organosilane-Treated Aluminum:â€‰ A Study by XPS and ToFâ^'SIMS. Langmuir, 2000, 16, 6510-6518.	1.6	38
147	The determination of adsorption isotherms by XPS and ToF-SIMS: their role in adhesion science. International Journal of Adhesion and Adhesives, 1999, 19, 435-443.	1.4	26
148	Quantification routines for adsorption studies in static secondary ion mass spectrometry and the effect of ionisation probability. Applied Surface Science, 1999, 150, 244-254.	3.1	11
149	Interaction of diethanolamine with non-rinse chromate treated steel surfaces. Journal of Materials Chemistry, 1999, 9, 1211-1216.	6.7	6
150	The adsorption of alkoxysilanes on oxidised aluminium substrates. International Journal of Adhesion and Adhesives, 1998, 18, 179-192.	1.4	55
151	The use of XPS and ToF-SIMS to investigate adhesion failure of a cationic radiation cured coating on galvanized steel. International Journal of Adhesion and Adhesives, 1998, 18, 193-198.	1.4	10
152	The interaction of organic molecules with carbon fibre surfaces: a ToF-SIMS study. Composites Part A: Applied Science and Manufacturing, 1998, 29, 1291-1304.	3.8	14
153	The use of XPS to examine the interaction of poly(acrylic acid) with oxidised metal substrates. Journal of Electron Spectroscopy and Related Phenomena, 1997, 85, 107-121.	0.8	72
154	Interfacial chemistry of adhesive joint failure: an investigation by small area XPS, imaging XPS and TOF-SIMS. Journal of Materials Chemistry, 1996, 6, 479.	6.7	29
155	Polymer coatings on conductive polypyrroles surface characterization by XPS, ToFSIMS, inverse gas chromatography and AFM. AIP Conference Proceedings, 1996, , .	0.3	0
156	Organization of methoxysilane molecules on iron. International Journal of Adhesion and Adhesives, 1996, 16, 5-15.	1.4	40
157	Surface characterization of photocured aromatic methacrylate resins by inverse gas chromatography. International Journal of Adhesion and Adhesives, 1995, 15, 3-8.	1.4	15
158	Adsorption isotherms of PMMA on a conducting polymer by ToF-SIMS. Journal of Materials Chemistry, 1995, 5, 845.	6.7	26
159	The Definition of the Locus of Failure on Ceramic Substrates: The Benefit of Monochromated XPS. Journal of Adhesion, 1994, 46, 161-164.	1.8	6
160	XPS Study of non-rinse chromate treatments. Surface and Interface Analysis, 1993, 20, 379-384.	0.8	17
161	X-ray Photoelectron Spectroscopy Investigations of Acid-Base Interactions in Adhesion. Journal of Adhesion, 1993, 41, 81-91.	1.8	13
162	An XPS study of the steel-aromatic moisture-cured urethane interface. Journal of Adhesion Science and Technology, 1992, 6, 377-393.	1.4	24

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163	The structure of the interface in carbon fibre composites by scanning Auger microscopy. Journal of Materials Science, 1990, 25, 1902-1908.	1.7	27
164	Composition and structure of semi-insulating polycrystalline silicon thin films. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1990, 61, 361-376.	0.6	10
165	Enhancing brush tyre model accuracy through friction measurements. Vehicle System Dynamics, 0, , 1-23.	2.2	10