D Howard Fairbrother

List of Publications by Year
in descending order

139 papers	7,755 citations	61857 43 h-index	54797 84 g-index
140 all docs	140 docs citations	140 times ranked	10425 citing authors

#	Article	IF	Citations
1	Surface and structural characterization of multi-walled carbon nanotubes following different oxidative treatments. Carbon, 2011, 49, 24-36.	5.4	631
2	Multifunctional chondroitin sulphate for cartilage tissueâ€“biomaterial integration. Nature Materials, 2007, 6, 385-392.	13.3	609
3	Chemical and structural characterization of carbon nanotube surfaces. Analytical and Bioanalytical Chemistry, 2010, 396, 1003-1014.	1.9	498
4	Influence of Surface Oxides on the Adsorption of Naphthalene onto Multiwalled Carbon Nanotubes. Environmental Science & Technology, 2008, 42, 2899-2905.	4.6	277
5	Sorption of Aqueous Zn[II] and Cd[II] by Multiwall Carbon Nanotubes: The Relative Roles of Oxygen-Containing Functional Groups and Graphenic Carbon. Langmuir, 2010, 26, 967-981.	1.6	215
6	Changes in electrical and microstructural properties of microcrystalline cellulose as function of carbonization temperature. Carbon, 2010, 48, 1012-1024.	5.4	208
7	Photochemical Transformation of Graphene Oxide in Sunlight. Environmental Science & Technology, 2015, 49, 3435-3443.	4.6	202
8	Colloidal Properties of Aqueous Suspensions of Acid-Treated, Multi-Walled Carbon Nanotubes. Environmental Science & Technology, 2009, 43, 819-825.	4.6	196
9	Influence of Surface Oxides on the Colloidal Stability of Multi-Walled Carbon Nanotubes: A Structureâ^'Property Relationship. Langmuir, 2009, 25, 9767-9776.	1.6	190
10	Modification of low pressure membranes with carbon nanotube layers for fouling control. Water Research, 2012, 46, 5645-5654.	5.3	163
11	Exploring the Influence of Granular Iron Additives on 1,1,1-Trichloroethane Reduction. Environmental Science & Technology, 2006, 40, 6837-6843.	4.6	155
12	Malic Acid Carbon Dots: From Super-resolution Live-Cell Imaging to Highly Efficient Separation. ACS Nano, 2018, 12, 5741-5752.	7.3	135
13	Assessing the colloidal properties of engineered nanoparticles in water: case studies from fullerene C60 nanoparticles and carbon nanotubes. Environmental Chemistry, 2010, 7, 10.	0.7	134
14	The role of low-energy electrons in focused electron beam induced deposition: four case studies of representative precursors. Beilstein Journal of Nanotechnology, 2015, 6, 1904-1926.	1.5	131
15	Quantification of Surface Oxides on Carbonaceous Materials. Chemistry of Materials, 2006, 18, 169-178.	3.2	130
16	Investigation of phosphorous doping effects on polymeric carbon dots: Fluorescence, photostability, and environmental impact. Carbon, 2018, 129, 438-449.	5.4	115
17	UV-induced photochemical transformations of citrate-capped silver nanoparticle suspensions. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	114
18	Investigating the reaction path and growth kinetics in CuOx/Al multilayer foils. Journal of Applied Physics, 2003, 94, 2923-2929.	1.1	104

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19	Electron Induced Surface Reactions of the Organometallic Precursor Trimethyl(methylcyclopentadienyl)platinum(IV). Journal of Physical Chemistry C, 2009, 113, 2487-2496.	1.5	99
20	Effect of wet chemical treatments on the distribution of surface oxides on carbonaceous materials. Carbon, 2007, 45, 47-54.	5.4	94
21	Potential Environmental Impacts and Antimicrobial Efficacy of Silver- and Nanosilver-Containing Textiles. Environmental Science & Technology, 2016, 50, 4018-4026.	4.6	88
22	Surface chemical processes in metal organic molecularâ€beam epitaxy; Ga deposition from triethylgallium on GaAs(100). Journal of Applied Physics, 1990, 68, 4053-4063.	1.1	86
23	Influence of Oxygen-Containing Functional Groups on the Environmental Properties, Transformations, and Toxicity of Carbon Nanotubes. Chemical Reviews, 2020, 120, 11651-11697.	23.0	84
24	Influence of Copper Loading and Surface Coverage on the Reactivity of Granular Iron toward 1,1,1-Trichloroethane. Environmental Science & Technology, 2006, 40, 1485-1490.	4.6	82
25	Multicolor polymeric carbon dots: synthesis, separation and polyamide-supported molecular fluorescence. Chemical Science, 2021, 12, 2441-2455.	3.7	82
26	Low-Temperature Oxidation of Nitrided Iron Surfaces. Journal of Physical Chemistry B, 2003, 107, 5558-5567.	1.2	77
27	Influence of transition metal additives and temperature on the rate of organohalide reduction by granular iron: Implications for reaction mechanisms. Applied Catalysis B: Environmental, 2007, 76, 348-356.	10.8	66
28	Water-processable, biodegradable and coatable aquaplastic from engineered biofilms. Nature Chemical Biology, 2021, 17, 732-738.	3.9	64
29	Correlation between microstructure and magnetotransport in organic semiconductor spin-valve structures. Physical Review B, 2009, 79, .	1.1	63
30	A Comparison of PE Surfaces Modified by Plasma Generated Neutral Nitrogen Species and Nitrogen Ions. Plasmas and Polymers, 2003, 8, 119-134.	1.5	62
31	Low-Energy Electron-Induced Decomposition and Reactions of Adsorbed Tetrakis(trifluorophosphine)platinum [Pt(PF₃)₄]. Journal of Physical Chemistry C, 2011, 115, 17452-17463.	1.5	59
32	Photochemistry of Aqueous C₆₀ Clusters: Wavelength Dependency and Product Characterization. Environmental Science & Technology, 2010, 44, 8121-8127.	4.6	56
33	Influence of Surface Oxygen on the Interactions of Carbon Nanotubes with Natural Organic Matter. Environmental Science & Technology, 2012, 46, 12839-12847.	4.6	55
34	Detection of single walled carbon nanotubes by monitoring embedded metals. Environmental Sciences: Processes and Impacts, 2013, 15, 204-213.	1.7	55
35	Radical Reactions with Organic Thin Films:Â Chemical Interaction of Atomic Oxygen with an X-ray Modified Self-Assembled Monolayer. Journal of Physical Chemistry B, 2002, 106, 6265-6272.	1.2	54
36	Electron induced dissociation of trimethyl (methylcyclopentadienyl) platinum (IV): Total cross section as a function of incident electron energy. Journal of Applied Physics, 2009, 106, .	1.1	51

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37	Sustainable and scalable natural fiber welded palladium-indium catalysts for nitrate reduction. Applied Catalysis B: Environmental, 2018, 221, 290-301.	10.8	50
38	Î²-Cyclodextrin Polymers on Microcrystalline Cellulose as a Granular Media for Organic Micropollutant Removal from Water. ACS Applied Materials & Interfaces, 2019, 11, 8089-8096.	4.0	49
39	Electron induced reactions of surface adsorbed tungsten hexacarbonyl (W(CO)6). Physical Chemistry Chemical Physics, 2013, 15, 4002.	1.3	48
40	Changes in the thermophysical properties of microcrystalline cellulose as function of carbonization temperature. Carbon, 2010, 48, 31-40.	5.4	47
41	257 nm photoinduced chemistry of methyl iodide adsorbed on MgO(100). Journal of Chemical Physics, 1992, 96, 9221-9232.	1.2	46
42	Sputter-deposition and characterization of paramelaconite. Journal of Materials Research, 2003, 18, 1535-1542.	1.2	45
43	Ultraviolet photodissociation dynamics of methyl iodide at 333 nm. Journal of Chemical Physics, 1994, 101, 3787-3791.	1.2	44
44	X-ray Induced Modification of Semifluorinated Organic Thin Filmsâ€. Journal of Physical Chemistry B, 2000, 104, 3291-3297.	1.2	42
45	Understanding the electron-stimulated surface reactions of organometallic complexes to enable design of precursors for electron beam-induced deposition. Applied Physics A: Materials Science and Processing, 2014, 117, 1631-1644.	1.1	42
46	The role of adsorbate structure in the photodissociation dynamics of adsorbed species: Methyl iodide/MgO(100). Journal of Chemical Physics, 1995, 102, 7267-7276.	1.2	41
47	Surface Reactions of Molecular and Atomic Oxygen with Carbon Phosphide Films. Journal of Physical Chemistry B, 2005, 109, 20379-20386.	1.2	41
48	Selected Effect of the Ions and the Neutrals in the Plasma Treatment of PTFE Surfaces: An OES-AFM-Contact Angle and XPS Study. Plasma Processes and Polymers, 2005, 2, 493-500.	1.6	40
49	Surface Morphologies of Size-Selected Mo_{100Â±2.5}and (MoO₃)_{67Â±1.5}Clusters Soft-Landed onto HOPG. Journal of Physical Chemistry C, 2011, 115, 12299-12307.	1.5	40
50	Structure of Monolayer and Multilayer Magnesium Chloride Films Grown on Pd(111). Langmuir, 1997, 13, 2090-2096.	1.6	38
51	Impact of Silanization on the Structure, Dispersion Properties, and Biodegradability of Nanocellulose as a Nanocomposite Filler. ACS Applied Nano Materials, 2018, 1, 7025-7038.	2.4	38
52	Modification of Alkanethiolate Self-Assembled Monolayers by Atomic Hydrogen:â€‰ Influence of Alkyl Chain Length. Journal of Physical Chemistry C, 2007, 111, 374-382.	1.5	36
53	Electron beam irradiation of dimethyl-(acetylacetonate) gold(III) adsorbed onto solid substrates. Journal of Applied Physics, 2010, 107, .	1.1	36
54	Electron Beam Induced Reactions of Adsorbed Cobalt Tricarbonyl Nitrosyl (Co(CO)₃NO) Molecules. Journal of Physical Chemistry C, 2013, 117, 16053-16064.	1.5	36

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55	Electron Induced Surface Reactions of <i>cis</i>-Pt(CO)₂Cl₂: A Route to Focused Electron Beam Induced Deposition of Pure Pt Nanostructures. Journal of the American Chemical Society, 2016, 138, 9172-9182.	6.6	36
56	Photodegradation of polymer-CNT nanocomposites: effect of CNT loading and CNT release characteristics. Environmental Science: Nano, 2017, 4, 967-982.	2.2	36
57	Iron Metalization of Fluorinated Organic Films:â€‰ A Combined X-ray Photoelectron Spectroscopy and Atomic Force Microscopy Study. Journal of Physical Chemistry B, 2000, 104, 6633-6641.	1.2	35
58	Effect of X-ray Irradiation on the Chemical and Physical Properties of a Semifluorinated Self-Assembled Monolayer. Langmuir, 2002, 18, 1542-1549.	1.6	35
59	Investigation of the Inhibitory Effect of Silica on the Degradation of 1,1,1-Trichloroethane by Granular Iron. Environmental Science & Technology, 2003, 37, 5806-5812.	4.6	35
60	The contribution of indirect photolysis to the degradation of graphene oxide in sunlight. Carbon, 2016, 110, 426-437.	5.4	35
61	Biodegradation of Functionalized Nanocellulose. Environmental Science & Technology, 2021, 55, 10744-10757.	4.6	35
62	Photodissociation dynamics of CH3I adsorbed on MgO(100): Theory and experiment. Journal of Chemical Physics, 1992, 97, 5168-5176.	1.2	34
63	Bacterial anti-adhesive properties of polysulfone membranes modified with polyelectrolyte multilayers. Journal of Membrane Science, 2013, 446, 201-211.	4.1	34
64	Adsorption of Natural Organic Matter onto Carbonaceous Surfaces:Â Atomic Force Microscopy Study. Environmental Science & Technology, 2007, 41, 1238-1244.	4.6	33
65	Anomalous Silica Colloid Stability and Gel Layer Mediated Interactions. Langmuir, 2013, 29, 8835-8844.	1.6	33
66	Transport of Oxidized Multi-Walled Carbon Nanotubes through Silica Based Porous Media: Influences of Aquatic Chemistry, Surface Chemistry, and Natural Organic Matter. Environmental Science & Technology, 2013, 47, 14034-14043.	4.6	33
67	Oxygen-promoted catalyst sintering influences number density, alignment, and wall number of vertically aligned carbon nanotubes. Nanoscale, 2017, 9, 5222-5233.	2.8	33
68	Atomic oxygen reactions with semifluorinated and n-alkanethiolate self-assembled monolayers. Journal of Chemical Physics, 2004, 120, 3799-3810.	1.2	32
69	Catalytic Dehydration of 2-Propanol by Size-Selected (WO3)n and (MoO3)n Metal Oxide Clusters. Journal of Physical Chemistry C, 2014, 118, 29278-29286.	1.5	32
70	Photo-Oxidation of Hydrogenated Fullerene (Fullerane) in Water. Environmental Science and Technology Letters, 2014, 1, 490-494.	3.9	31
71	Interactions of Microorganisms with Polymer Nanocomposite Surfaces Containing Oxidized Carbon Nanotubes. Environmental Science & Technology, 2015, 49, 5484-5492.	4.6	31
72	UVâ€"Vis quantification of hydroxyl radical concentration and dose using principal component analysis. Talanta, 2020, 218, 121148.	2.9	31

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73	Transformations of oxidized multiwalled carbon nanotubes exposed to UVC (254 nm) irradiation. Environmental Science: Nano, 2014, 1, 324-337.	2.2	29
74	Lignocellulose Fiber- and Welded Fiber- Supports for Palladium-Based Catalytic Hydrogenation: A Natural Fiber Welding Application for Water Treatment. ACS Sustainable Chemistry and Engineering, 2016, 4, 5511-5522.	3.2	29
75	Next-Generation Complex Metal Oxide Nanomaterials Negatively Impact Growth and Development in the Benthic Invertebrate <i>Chironomus riparius</i> upon Settling. Environmental Science & Technology, 2019, 53, 3860-3870.	4.6	29
76	Electron stimulated Câ€“F bond breaking kinetics in fluorine-containing organic thin films. Chemical Physics, 2002, 280, 111-118.	0.9	28
77	Electron-Induced Surface Reactions of Î·³-Allyl Ruthenium Tricarbonyl Bromide [(Î·³-C₃H₅)Ru(CO)₃Br]: Contrasting the Behavior of Different Ligands. Journal of Physical Chemistry C, 2015, 119, 15349-15359.	1.5	28
78	Carbon Dots: A Modular Activity To Teach Fluorescence and Nanotechnology at Multiple Levels. Journal of Chemical Education, 2017, 94, 1143-1149.	1.1	28
79	Mechanism-based design of precursors for focused electron beam-induced deposition. MRS Communications, 2018, 8, 343-357.	0.8	28
80	Electron Induced Surface Reactions of Organometallic Metal(hfac)₂ Precursors and Deposit Purification. ACS Applied Materials & Interfaces, 2014, 6, 8590-8601.	4.0	27
81	Synthesis and Degradation of Cadmium-Free InP and InPZn/ZnS Quantum Dots in Solution. Langmuir, 2018, 34, 13924-13934.	1.6	26
82	Substrate temperature and electron fluence effects on metallic films created by electron beam induced deposition. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2012, 30, 051805.	0.6	25
83	Phosphorus-functionalized multi-wall carbon nanotubes as flame-retardant additives for polystyrene and poly (methyl methacrylate). Journal of Thermal Analysis and Calorimetry, 2017, 130, 735-753.	2.0	25
84	Electron-Stimulated Chemical Reactions in Carbon Tetrachloride/Water (Ice) Films. Journal of Physical Chemistry B, 2002, 106, 4432-4440.	1.2	24
85	Photochemical Transformations of Carbon Dots in Aqueous Environments. Environmental Science & Technology, 2020, 54, 4160-4170.	4.6	24
86	Kinetics of electron-induced decomposition of CF[sub 2]Cl[sub 2] coadsorbed with water (ice): A comparison with CCl[sub 4]. Journal of Chemical Physics, 2004, 121, 8547.	1.2	22
87	Analysis of single-walled carbon nanotubes using spICP-MS with microsecond dwell time. NanoImpact, 2016, 1, 65-72.	2.4	22
88	Biofilm development on carbon nanotube/polymer nanocomposites. Environmental Science: Nano, 2016, 3, 545-558.	2.2	22
89	Methodology for quantifying engineered nanomaterial release from diverse product matrices under outdoor weathering conditions and implications for life cycle assessment. Environmental Science: Nano, 2017, 4, 1784-1797.	2.2	22
90	Electron Induced Surface Reactions of HFeCo₃(CO)₁₂, a Bimetallic Precursor for Focused Electron Beam Induced Deposition (FEBID). Journal of Physical Chemistry C, 2018, 122, 2648-2660.	1.5	22

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91	Biodegradation of Carbon Nanotube/Polymer Nanocomposites using a Monoculture. Environmental Science & Technology, 2018, 52, 40-51.	4.6	22
92	Biodegradability of carbon nanotube/polymer nanocomposites under aerobic mixed culture conditions. Science of the Total Environment, 2018, 639, 804-814.	3.9	22
93	Two-Phase Synthesis of Goldâ€“Copper Bimetallic Nanoparticles of Tunable Composition: Toward Optimized Catalytic CO₂ Reduction. ACS Applied Nano Materials, 2019, 2, 3989-3998.	2.4	22
94	Electron induced surface reactions of (Î·⁵-C₅H₅)Fe(CO)₂Mn(CO)₅, a potential heterobimetallic precursor for focused electron beam induced deposition (FEBID). Physical Chemistry Chemical Physics, 2018, 20, 7862-7874.	1.3	21
95	Solvent-free bottom-up patterning of zeolitic imidazolate frameworks. Nature Communications, 2022, 13, 420.	5.8	20
96	Global Thermodynamic Atmospheric Modeling:â€‰ Search for New Heterogeneous Reactions. Journal of Physical Chemistry A, 1997, 101, 7350-7358.	1.1	19
97	Imaging Carbon Nanotube Interactions, Diffusion, and Stability in Nanopores. ACS Nano, 2011, 5, 5909-5919.	7.3	19
98	Release, detection and toxicity of fragments generated during artificial accelerated weathering of CdSe/ZnS and CdSe quantum dot polymer composites. Environmental Science: Nano, 2018, 5, 1694-1710.	2.2	19
99	Interfacial and Confined Colloidal Rod Diffusion. Langmuir, 2017, 33, 9034-9042.	1.6	18
100	Comparing postdeposition reactions of electrons and radicals with Pt nanostructures created by focused electron beam induced deposition. Beilstein Journal of Nanotechnology, 2017, 8, 2410-2424.	1.5	17
101	Electron interactions with the heteronuclear carbonyl precursor H₂FeRu₃(CO)₁₃ and comparison with HFeCo₃(CO)₁₂: from fundamental gas phase and surface science studies to focused electron beam induced deposition. Beilstein Journal of Nanotechnology, 2018, 9, 555-579.	1.5	16
102	Structureâ€“Property Relationships of Amine-rich and Membrane-Disruptive Poly(oxonorbornene)-Coated Gold Nanoparticles. Langmuir, 2018, 34, 4614-4625.	1.6	13
103	Copper release and transformation following natural weathering of nano-enabled pressure-treated lumber. Science of the Total Environment, 2019, 668, 234-244.	3.9	12
104	Unveiling the Synergistic Role of Oxygen Functional Groups in the Graphene-Mediated Oxidation of Glutathione. ACS Applied Materials & Interfaces, 2020, 12, 45753-45762.	4.0	12
105	Identifying and Rationalizing the Differing Surface Reactions of Low-Energy Electrons and Ions with an Organometallic Precursor. Journal of Physical Chemistry Letters, 2020, 11, 2006-2013.	2.1	12
106	Electron-Induced Reactions of Ru(CO)₄I₂: Gas Phase, Surface, and Electron Beam-Induced Deposition. Journal of Physical Chemistry C, 2020, 124, 10593-10604.	1.5	12
107	Electron beam induced modification of ZIF-8 membrane permeation properties. Chemical Communications, 2021, 57, 5250-5253.	2.2	12
108	Biodegradable Polymer Nanocomposites Provide Effective Delivery and Reduce Phosphorus Loss during Plant Growth. ACS Agricultural Science and Technology, 2021, 1, 529-539.	1.0	12

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109	Low energy electron-induced decomposition of (Î·⁵-Cp)Fe(CO)₂Mn(CO)₅, a potential bimetallic precursor for focused electron beam induced deposition of alloy structures. Physical Chemistry Chemical Physics, 2018, 20, 5644-5656.	1.3	11
110	Electron beam-induced deposition of platinum from Pt(CO)2Cl2 and Pt(CO)2Br2. Beilstein Journal of Nanotechnology, 2020, 11, 1789-1800.	1.5	11
111	Resonantly Enhanced Nonlinear Optical Probes of Oxidized Multiwalled Carbon Nanotubes at Supported Lipid Bilayers. Journal of Physical Chemistry B, 2017, 121, 1321-1329.	1.2	10
112	Low Energy Electron- and Ion-Induced Surface Reactions of Fe(CO)₅ Thin Films. Journal of Physical Chemistry C, 2021, 125, 17749-17760.	1.5	10
113	Design, Synthesis, and Evaluation of CF₃AuCNR Precursors for Focused Electron Beam-Induced Deposition of Gold. ACS Applied Materials & Interfaces, 2019, 11, 11976-11987.	4.0	9
114	Effect of chemical composition on the neutral reaction products produced during electron beam irradiation of carbon tetrachloride/water (ice) films. Physical Chemistry Chemical Physics, 2002, 4, 3806-3813.	1.3	8
115	Amplified cross-linking efficiency of self-assembled monolayers through targeted dissociative electron attachment for the production of carbon nanomembranes. Beilstein Journal of Nanotechnology, 2017, 8, 2562-2571.	1.5	8
116	Engineering Lignocellulose Fibers with Higher Thermal Stability through Natural Fiber Welding. Macromolecular Materials and Engineering, 2019, 304, 1900042.	1.7	8
117	Influence of polymer type and carbon nanotube properties on carbon nanotube/polymer nanocomposite biodegradation. Science of the Total Environment, 2020, 742, 140512.	3.9	8
118	Charged Particle-Induced Surface Reactions of Organometallic Complexes as a Guide to Precursor Design for Electron- and Ion-Induced Deposition of Nanostructures. ACS Applied Materials & Interfaces, 2021, 13, 48333-48348.	4.0	8
119	Surface Reactions of Low-Energy Argon Ions with Organometallic Precursors. Journal of Physical Chemistry C, 2020, 124, 24795-24808.	1.5	7
120	Diffusing colloidal probes of cell surfaces. Soft Matter, 2016, 12, 4731-4738.	1.2	6
121	Evaluating performance, degradation, and release behavior of a nanoform pigmented coating after natural and accelerated weathering. NanoImpact, 2020, 17, 100199.	2.4	6
122	Use of X-ray photoelectron spectroscopy and spectroscopic ellipsometry to characterize carbonaceous films modified by electrons and hydrogen atoms. Applied Surface Science, 2019, 479, 557-568.	3.1	5
123	Carbon-carbon coupling of methyl groups on Pt(111). Surface Science Letters, 1993, 285, L455-L460.	0.1	4
124	Diffusing Colloidal Probes of kT-Scale Biomaterialâ€“Cell Interactions. Langmuir, 2016, 32, 12212-12220.	1.6	4
125	The role of the dihedral angle and excited cation states in ionization and dissociation of mono-halogenated biphenyls; a combined experimental and theoretical coupled cluster study. Physical Chemistry Chemical Physics, 2019, 21, 4556-4567.	1.3	4
126	Quantification of carbon nanotubes in polymer composites. Analytical Methods, 2018, 10, 1032-1037.	1.3	3

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127	Relative cross sections and appearance energies in electron impact ionization and dissociation of mono-halogenated biphenyls. International Journal of Mass Spectrometry, 2021, 459, 116452.	0.7	3
128	CF3(CF2)7(CH2)2SH Self-Assembled on Au and Subsequent Degradation Under the Influence of Ionizing Radiation as Measured by XPS. Surface Science Spectra, 2001, 8, 32-38.	0.3	2
129	Carbon nanotube composite membranes for small â€˜designerâ€™ water treatment systems. Water Science and Technology: Water Supply, 2014, 14, 917-923.	1.0	2
130	Environmental Processes at the Solidâ€“Liquid Interface: What Constitutes New Physical Insights?. Journal of Physical Chemistry A, 2017, 121, 5947-5947.	1.1	2
131	The <i>JPC</i> Periodic Table. Journal of Physical Chemistry A, 2019, 123, 5837-5848.	1.1	2
132	The <i>JPC</i> Periodic Table. Journal of Physical Chemistry Letters, 2019, 10, 4051-4062.	2.1	2
133	Surface Oxides on Carbon Nanotubes (CNTs): Effects on CNT Stability and Sorption Properties in Aquatic Environments. , 0, , 133-158.		1
134	Environmental Processes at the Solidâ€“Liquid Interface: What Constitutes New Physical Insights?. Journal of Physical Chemistry C, 2017, 121, 17045-17045.	1.5	1
135	The <i>JPC</i> Periodic Table. Journal of Physical Chemistry B, 2019, 123, 5973-5984.	1.2	1
136	Facile benchtop reactor design using dendrimer-templating technology for the fabrication of polyethyleneimine-coated CuO nanoparticles on the gram scale. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 041402.	0.9	1
137	The <i>JPC</i> Periodic Table. Journal of Physical Chemistry C, 2019, 123, 17063-17074.	1.5	1
138	Surface Curvature and Aminated Side-Chain Partitioning Affect Structure of Poly(oxonorbornenes) Attached to Planar Surfaces and Nanoparticles of Gold. Langmuir, 2020, 36, 10412-10420.	1.6	0
139	Evaluating performance, degradation, and release behavior of a nanoform pigmented coating after natural and accelerated weathering. NanoImpact, 2020, 17, .	2.4	0