Paul Fenter

List of Publications by Year
in descending order

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		57758	60623
136	7,180	44	81
papers	citations	h-index	g-index

141	141	141	7307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkyl Monolayers on Silicon Prepared from 1-Alkenes and Hydrogen-Terminated Silicon. Journal of the American Chemical Society, 1995, 117, 3145-3155.	13.7	1,093
2	Mineralâ€“water interfacial structures revealed by synchrotron X-ray scattering. Progress in Surface Science, 2004, 77, 171-258.	8.3	334
3	Surface speciation of calcite observed in situ by high-resolution X-ray reflectivity. Geochimica Et Cosmochimica Acta, 2000, 64, 1221-1228.	3.9	244
4	Simultaneous inner- and outer-sphere arsenate adsorption on corundum and hematite. Geochimica Et Cosmochimica Acta, 2008, 72, 1986-2004.	3.9	220
5	Polyanthraquinoneâ€Based Organic Cathode for Highâ€Performance Rechargeable Magnesiumâ€Ion Batteries. Advanced Energy Materials, 2016, 6, 1600140.	19.5	210
6	Cation sorption on the muscovite (001) surface in chloride solutions using high-resolution X-ray reflectivity. Geochimica Et Cosmochimica Acta, 2006, 70, 3549-3565.	3.9	182
7	Three-dimensional structure of the calciteâ€“water interface by surface X-ray scattering. Surface Science, 2004, 573, 191-203.	1.9	175
8	An unexpected packing of fluorinated nâ€alkane thiols on Au(111): A combined atomic force microscopy and xâ€ray diffraction study. Journal of Chemical Physics, 1994, 101, 4301-4306.	3.0	166
9	Nanoscale Perturbations of Room Temperature Ionic Liquid Structure at Charged and Uncharged Interfaces. ACS Nano, 2012, 6, 9818-9827.	14.6	151
10	Is the Calciteâ€“Water Interface Understood? Direct Comparisons of Molecular Dynamics Simulations with Specular X-ray Reflectivity Data. Journal of Physical Chemistry C, 2013, 117, 5028-5042.	3.1	148
11	Monovalent Ion Adsorption at the Muscovite (001)â€“Solution Interface: Relationships among Ion Coverage and Speciation, Interfacial Water Structure, and Substrate Relaxation. Langmuir, 2012, 28, 8637-8650.	3.5	128
12	Hydrated Cation Speciation at the Muscovite (001)â^'Water Interface. Langmuir, 2010, 26, 16647-16651.	3.5	126
13	Stern Layer Structure and Energetics at Micaâ€“Water Interfaces. Journal of Physical Chemistry C, 2017, 121, 9402-9412.	3.1	119
14	Structures of quartz (100)- and (101)-water interfaces determined by x-ray reflectivity and atomic force microscopy of natural growth surfaces. Geochimica Et Cosmochimica Acta, 2002, 66, 3037-3054.	3.9	115
15	Structural Origins of Potential Dependent Hysteresis at the Electrified Graphene/Ionic Liquid Interface. Journal of Physical Chemistry C, 2014, 118, 569-574.	3.1	111
16	Resolving orthoclase dissolution processes with atomic force microscopy and X-ray reflectivity. Geochimica Et Cosmochimica Acta, 2001, 65, 3459-3474.	3.9	108
17	Bridging arsenate surface complexes on the hematite (012) surface. Geochimica Et Cosmochimica Acta, 2007, 71, 1883-1897.	3.9	103
18	Termination and Water Adsorption at the Î±-Al2O3(012)â^'Aqueous Solution Interface. Langmuir, 2006, 22, 4668-4673.	3.5	99

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19	High Voltage LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂/Graphite Cell Cycled at 4.6 V with a FEC/HFDECâ€Based Electrolyte. Advanced Energy Materials, 2017, 7, 1700109.	19.5	98
20	Understanding controls on interfacial wetting at epitaxial graphene: Experiment and theory. Physical Review B, 2012, 85, .	3.2	95
21	Structure of the Cs-induced (1Ã—3) reconstruction of Au(110). Physical Review B, 1989, 39, 5810-5818.	3.2	80
22	Interfacial water structure on the (012) surface of hematite: Ordering and reactivity in comparison with corundum. Geochimica Et Cosmochimica Acta, 2007, 71, 5313-5324.	3.9	79
23	Atomic Layer Deposition of Gallium Sulfide Films Using Hexakis(dimethylamido)digallium and Hydrogen Sulfide. Chemistry of Materials, 2014, 26, 1029-1039.	6.7	79
24	Structure of rutile TiO2 (110) in water and 1molal Rb+ at pH 12: Inter-relationship among surface charge, interfacial hydration structure, and substrate structural displacements. Surface Science, 2007, 601, 1129-1143.	1.9	78
25	Structure and oxidation state of hematite surfaces reacted with aqueous Fe(II) at acidic and neutral pH. Geochimica Et Cosmochimica Acta, 2010, 74, 1498-1512.	3.9	76
26	Inner-sphere adsorption geometry of Se(IV) at the hematite (100)â€"water interface. Journal of Colloid and Interface Science, 2006, 297, 665-671.	9.4	74
27	X-rayâ€"driven reaction front dynamics at calcite-water interfaces. Science, 2015, 349, 1330-1334.	12.6	69
28	Interfacial ionic â€˜liquidsâ€™: connecting static and dynamic structures. Journal of Physics Condensed Matter, 2015, 27, 032101.	1.8	67
29	X-ray standing wave study of arsenite incorporation at the calcite surface. Geochimica Et Cosmochimica Acta, 1999, 63, 3153-3157.	3.9	65
30	Hydration layer structure at solidâ€"water interfaces. MRS Bulletin, 2014, 39, 1056-1061.	3.5	65
31	Electric Double Layer at Metal Oxide Surfaces:Â Static Properties of the Cassiteriteâˆ'Water Interface. Langmuir, 2007, 23, 4925-4937.	3.5	63
32	Real-time observation of cation exchange kinetics and dynamics at the muscovite-water interface. Nature Communications, 2017, 8, 15826.	12.8	61
33	Observation of subnanometre-high surface topography with X-ray reflection phase-contrast microscopy. Nature Physics, 2006, 2, 700-704.	16.7	60
34	Water ordering and surface relaxations at the hematite (110)â€"water interface. Geochimica Et Cosmochimica Acta, 2009, 73, 2242-2251.	3.9	58
35	Structural analysis of PTCDA monolayers on epitaxial graphene with ultra-high vacuum scanning tunneling microscopy and high-resolution X-ray reflectivity. Surface Science, 2011, 605, 1685-1693.	1.9	58
36	Changes in adsorption free energy and speciation during competitive adsorption between monovalent cations at the muscovite (001)-water interface. Geochimica Et Cosmochimica Acta, 2013, 123, 416-426.	3.9	57

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37	Phase-Controlled Electrochemical Activity of Epitaxial Mg-Spinel Thin Films. ACS Applied Materials & Interfaces, 2015, 7, 28438-28443.	8.0	56
38	Structure and growth of stearate monolayers on calcite: first results of an in situ X-ray reflectivity study. Geochimica Et Cosmochimica Acta, 1999, 63, 3145-3152.	3.9	55
39	Distribution of barium and fulvic acid at the micaâ€“solution interface using in-situ X-ray reflectivity. Geochimica Et Cosmochimica Acta, 2007, 71, 5763-5781.	3.9	53
40	Orthoclase dissolution kinetics probed by in situ X-ray reflectivity: effects of temperature, pH, and crystal orientation. Geochimica Et Cosmochimica Acta, 2003, 67, 197-211.	3.9	52
41	Structure of hydrated Zn2+ at the rutile TiO2 (110)-aqueous solution interface: Comparison of X-ray standing wave, X-ray absorption spectroscopy, and density functional theory results. Geochimica Et Cosmochimica Acta, 2006, 70, 4039-4056.	3.9	52
42	Replacement of Calcite (CaCO₃) by Cerussite (PbCO₃). Environmental Science & Technology, 2016, 50, 12984-12991.	10.0	51
43	Advanced hybrid battery with a magnesium metal anode and a spinel LiMn₂O₄ cathode. Chemical Communications, 2016, 52, 9961-9964.	4.1	50
44	On the use of CCD area detectors for high-resolution specular X-ray reflectivity. Journal of Synchrotron Radiation, 2006, 13, 293-303.	2.4	47
45	Competitive adsorption of strontium and fulvic acid at the muscoviteâ€“solution interface observed with resonant anomalous X-ray reflectivity. Geochimica Et Cosmochimica Acta, 2010, 74, 1762-1776.	3.9	47
46	Incorporation of Pb at the Calcite (104)â€“Water Interface. Environmental Science & Technology, 2014, 48, 9263-9269.	10.0	46
47	Structure of the fluorapatite (100)-water interface by high-resolution X-ray reflectivity. American Mineralogist, 2004, 89, 1647-1654.	1.9	45
48	Enhanced Uptake and Modified Distribution of Mercury(II) by Fulvic Acid on the Muscovite (001) Surface. Environmental Science & Technology, 2009, 43, 5295-5300.	10.0	43
49	Full-field X-ray reflection microscopy of epitaxial thin-films. Journal of Synchrotron Radiation, 2014, 21, 1252-1261.	2.4	41
50	Structural Dynamics and Evolution of Bismuth Electrodes during Electrochemical Reduction of CO₂ in Imidazolium-Based Ionic Liquid Solutions. ACS Catalysis, 2017, 7, 7285-7295.	11.2	41
51	Mapping Three-dimensional Dissolution Rates of Calcite Microcrystals: Effects of Surface Curvature and Dissolved Metal Ions. ACS Earth and Space Chemistry, 2019, 3, 833-843.	2.7	40
52	Oxidation induced strain and defects in magnetite crystals. Nature Communications, 2019, 10, 703.	12.8	40
53	Electronic structure of lithium battery interphase compounds: Comparison between inelastic x-ray scattering measurements and theory. Journal of Chemical Physics, 2011, 135, 224513.	3.0	39
54	Hydration Structure of the Barite (001)â€“Water Interface: Comparison of X-ray Reflectivity with Molecular Dynamics Simulations. Journal of Physical Chemistry C, 2017, 121, 12236-12248.	3.1	38

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55	Cathodic Corrosion at the Bismuthâ€“Ionic Liquid Electrolyte Interface under Conditions for CO₂ Reduction. Chemistry of Materials, 2018, 30, 2362-2373.	6.7	38
56	Interaction of Uranyl with Calcite in the Presence of EDTA. Environmental Science & Technology, 2004, 38, 5078-5086.	10.0	37
57	Investigation of Structure, Adsorption Free Energy, and Overcharging Behavior of Trivalent Yttrium Adsorbed at the MuscoviteÂ(001)â€“Water Interface. Journal of Physical Chemistry C, 2013, 117, 23738-23749.	3.1	36
58	Heavy Metal Sorption at the Muscovite (001)â€“Fulvic Acid Interface. Environmental Science & Technology, 2011, 45, 9574-9581.	10.0	35
59	Lithium Intercalation Behavior in Multilayer Silicon Electrodes. Advanced Energy Materials, 2014, 4, 1301494.	19.5	35
60	Rb⁺ Adsorption at the Quartz(101)â€“Aqueous Interface: Comparison of Resonant Anomalous X-ray Reflectivity with ab Initio Calculations. Journal of Physical Chemistry C, 2015, 119, 4778-4788.	3.1	34
61	Resonant anomalous X-ray reflectivity as a probe of ion adsorption at solidâ€“liquid interfaces. Thin Solid Films, 2007, 515, 5654-5659.	1.8	30
62	Comparison of Cation Adsorption by Isostructural Rutile and Cassiterite. Langmuir, 2011, 27, 4585-4593.	3.5	29
63	Real-Time Observations of Interfacial Lithiation in a Metal Silicide Thin Film. Journal of Physical Chemistry C, 2012, 116, 22341-22345.	3.1	29
64	Nonreciprocal interactions induced by water in confinement. Physical Review Research, 2020, 2, .	3.6	29
65	Sorption of tetravalent thorium on muscovite. Geochimica Et Cosmochimica Acta, 2012, 88, 66-76.	3.9	28
66	Heteroepitaxial growth of cadmium carbonate at dolomite and calcite surfaces: Mechanisms and rates. Geochimica Et Cosmochimica Acta, 2017, 205, 360-380.	3.9	28
67	Ion correlations drive charge overscreening and heterogeneous nucleation at solidâ€“aqueous electrolyte interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
68	Adsorption of Plutonium Oxide Nanoparticles. Langmuir, 2012, 28, 2620-2627.	3.5	27
69	Surface-Mediated Formation of Pu(IV) Nanoparticles at the Muscovite-Electrolyte Interface. Environmental Science & Technology, 2013, 47, 14178-14184.	10.0	27
70	Morphological Evolution of Multilayer Ni/NiO Thin Film Electrodes during Lithiation. ACS Applied Materials & Interfaces, 2016, 8, 19979-19986.	8.0	26
71	Mechanistic understanding of tungsten oxide in-plane nanostructure growth <i>via</i> sequential infiltration synthesis. Nanoscale, 2018, 10, 3469-3479.	5.6	25
72	Surface Charge of the Calcite (104) Terrace Measured by Rb⁺ Adsorption in Aqueous Solutions Using Resonant Anomalous X-ray Reflectivity. Journal of Physical Chemistry C, 2016, 120, 15216-15223.	3.1	24

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73	Image contrast in X-ray reflection interface microscopy: comparison of data with model calculations and simulations. Journal of Synchrotron Radiation, 2008, 15, 558-571.	2.4	23
74	Pb²⁺â€“Calcite Interactions under Far-from-Equilibrium Conditions: Formation of Micropyramids and Pseudomorphic Growth of Cerussite. Journal of Physical Chemistry C, 2018, 122, 2238-2247.	3.1	23
75	Simultaneous Adsorption and Incorporation of Sr²⁺ at the Barite (001)â€“Water Interface. Journal of Physical Chemistry C, 2019, 123, 1194-1207.	3.1	21
76	Adsorption of Rb+ and Sr2+ at the orthoclase (001)â€“solution interface. Geochimica Et Cosmochimica Acta, 2008, 72, 1848-1863.	3.9	20
77	Arsenic uptake in bacterial calcite. Geochimica Et Cosmochimica Acta, 2018, 222, 642-654.	3.9	20
78	Termination interference along crystal truncation rods of layered crystals. Journal of Applied Crystallography, 2004, 37, 977-987.	4.5	19
79	Fulvic Acid Sorption on Muscovite Mica as a Function of pH and Time Using In Situ X-ray Reflectivity. Langmuir, 2008, 24, 7817-7829.	3.5	19
80	Rb⁺ and Sr²⁺ Adsorption at the TiO₂ (110)âˆ’Electrolyte Interface Observed with Resonant Anomalous X-ray Reflectivity. Langmuir, 2010, 26, 950-958.	3.5	19
81	Understanding Defectâ€•Stabilized Noncovalent Functionalization of Graphene. Advanced Materials Interfaces, 2015, 2, 1500277.	3.7	19
82	Improving Electrodeposition of Mg through an Open Circuit Potential Hold. Journal of Physical Chemistry C, 2015, 119, 23366-23372.	3.1	19
83	Insights on the Aluminaâ€“Water Interface Structure by Direct Comparison of Density Functional Simulations with X-ray Reflectivity. Journal of Physical Chemistry C, 2018, 122, 26934-26944.	3.1	19
84	Direct and quantitative comparison of pixelated density profiles with high-resolution X-ray reflectivityÂdata. Journal of Synchrotron Radiation, 2011, 18, 257-265.	2.4	18
85	Dimensionally Controlled Lithiation of Chromium Oxide. Chemistry of Materials, 2016, 28, 47-54.	6.7	18
86	Pulsed Laser Deposition and Characterization of Heteroepitaxial LiMn₂O₄/La_{0.5}Sr_{0.5}CoO₃ Bilayer Thin Films as Model Lithium Ion Battery Cathodes. ACS Applied Nano Materials, 2018, 1, 642-653.	5.0	18
87	Strain-Driven Mn-Reorganization in Overlithiated Li_{<i>x</i>}Mn₂O₄ Epitaxial Thin-Film Electrodes. ACS Applied Energy Materials, 2018, 1, 2526-2535.	5.1	18
88	Optimizing a flow-through X-ray transmission cell for studies of temporal and spatial variations of ion distributions at mineralâ€“water interfaces. Journal of Synchrotron Radiation, 2013, 20, 125-136.	2.4	17
89	Lithiation of multilayer Ni/NiO electrodes: criticality of nickel layer thicknesses on conversion reaction kinetics. Physical Chemistry Chemical Physics, 2017, 19, 20029-20039.	2.8	17
90	On the variation of dissolution rates at the orthoclase (0 0 1) surface with pH and temperature. Geochimica Et Cosmochimica Acta, 2014, 141, 598-611.	3.9	16

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91	Understanding the Role of Overpotentials in Lithium Ion Conversion Reactions: Visualizing the Interface. ACS Nano, 2019, 13, 7825-7832.	14.6	16
92	Interaction of muscovite (001) with Pu3+ bearing solutions at pH 3 through ex-situ observations. Geochimica Et Cosmochimica Acta, 2010, 74, 6984-6995.	3.9	15
93	Probing interfacial reactions with X-ray reflectivity and X-ray reflection interface microscopy: Influence of NaCl on the dissolution of orthoclase at pOH 2 and 85Â°C. Geochimica Et Cosmochimica Acta, 2010, 74, 3396-3411.	3.9	14
94	Structural Characterization of Aluminum (Oxy)hydroxide Films at the Muscovite (001)â€"Water Interface. Langmuir, 2016, 32, 477-486.	3.5	14
95	Reversible Li-Ion Conversion Reaction for a Ti_{<i>x</i>}Ge Alloy in a Ti/Ge Multilayer. ACS Applied Materials & Interfaces, 2017, 9, 8169-8176.	8.0	14
96	Effect of pH on the Formation of Gibbsite-Layer Films at the Muscovite (001)â€"Water Interface. Journal of Physical Chemistry C, 2019, 123, 6560-6571.	3.1	14
97	Structural analysis of the initial lithiation of NiO thin film electrodes. Physical Chemistry Chemical Physics, 2019, 21, 8897-8905.	2.8	13
98	Effect of nitrogen passivation on interface composition and physical stress in SiO2/SiC(4H) structures. Applied Physics Letters, 2018, 113, .	3.3	12
99	Validating first-principles molecular dynamics calculations of oxide/water interfaces with x-ray reflectivity data. Physical Review Materials, 2020, 4, .	2.4	12
100	Quantification of minor phases in growth kinetics experiments with powder X-ray diffraction. American Mineralogist, 2000, 85, 1217-1222.	1.9	11
101	Exploitation of the sorptive properties of mica for the preparation of higher-resolution alpha-spectroscopy samples. Radiochimica Acta, 2010, 98, 431-436.	1.2	11
102	Interfacial Bonding and Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn Insulator Films on Si(111) Determined by Surface X-Ray Scattering. Physical Review Letters, 2013, 110, 226103.	7.8	11
103	Effects of the background electrolyte on Th(IV) sorption to muscovite mica. Geochimica Et Cosmochimica Acta, 2015, 165, 280-293.	3.9	11
104	Epitaxial Growth of Gibbsite Sheets on the Basal Surface of Muscovite Mica. Journal of Physical Chemistry C, 2019, 123, 27615-27627.	3.1	10
105	Nonclassical Behavior in Competitive Ion Adsorption at a Charged Solidâ€"Water Interface. Journal of Physical Chemistry Letters, 2020, 11, 4029-4035.	4.6	10
106	Quantitative Lateral Force Microscopy Study of the Dolomite (104)âˆ'Water Interface. Langmuir, 2007, 23, 8909-8915.	3.5	9
107	Direct method for imaging elemental distribution profiles with long-period x-ray standing waves. Physical Review B, 2010, 81, .	3.2	9
108	Investigation of Glutaric Anhydride as an Electrolyte Additive for Graphite/LiNi_{0.5}Mn_{0.3}Co_{0.2}O₂Full Cells. Journal of the Electrochemical Society, 2017, 164, A173-A179.	2.9	9

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109	Pb Sorption at the Barite (001)â€“Water Interface. Journal of Physical Chemistry C, 2020, 124, 22035-22045.	3.1	9
110	Replacement of Calcium Carbonate Polymorphs by Cerussite. ACS Earth and Space Chemistry, 2021, 5, 2433-2441.	2.7	9
111	In situ imaging of orthoclaseâ€“aqueous solution interfaces with x-ray reflection interface microscopy. Journal of Applied Physics, 2011, 110, 102211.	2.5	8
112	A Comparison of Adsorption, Reduction, and Polymerization of the Plutonyl(VI) and Uranyl(VI) Ions from Solution onto the Muscovite Basal Plane. Langmuir, 2016, 32, 10473-10482.	3.5	8
113	Probing the <i>In Situ</i> Pseudocapacitive Charge Storage in Ti₃C₂ MXene Thin Films with X-ray Reflectivity. ACS Applied Materials & Interfaces, 2021, 13, 43597-43605.	8.0	8
114	Effect of Anions on the Changes in the Structure and Adsorption Mechanism of Zirconium Species at the Muscovite (001)â€“Water Interface. Journal of Physical Chemistry C, 2019, 123, 16699-16710.	3.1	7
115	Tailoring Interfaces in Solid-State Batteries Using Interfacial Thermochemistry and Band Alignment. Chemistry of Materials, 2021, 33, 8447-8459.	6.7	7
116	Evolution of Strain in Heteroepitaxial Cadmium Carbonate Overgrowths on Dolomite. Crystal Growth and Design, 2018, 18, 2871-2882.	3.0	6
117	Structural Changes during the Conversion Reaction of Tungsten Oxide Electrodes with Tailored, Mesoscale Porosity. ACS Nano, 2022, 16, 5384-5392.	14.6	6
118	Stuffed structures. Nature Materials, 2012, 11, 183-184.	27.5	5
119	Surface diffraction on a Ïˆ-circle diffractometer using the Ï‡-axis geometry. Journal of Applied Crystallography, 2013, 46, 639-643.	4.5	5
120	Molecular-scale origins of wettability at petroleumâ€“brineâ€“carbonate interfaces. Scientific Reports, 2020, 10, 20507.	3.3	5
121	Electrodes: Lithium Intercalation Behavior in Multilayer Silicon Electrodes (Adv. Energy Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	19.5	4
122	Phase control of Mn-based spinel films via pulsed laser deposition. Journal of Applied Physics, 2016, 120, .	2.5	4
123	Templating Growth of a Pseudomorphic Lepidocrocite Microshell at the Calciteâ€“Water Interface. Chemistry of Materials, 2018, 30, 700-707.	6.7	4
124	Density Functional Tight-Binding Simulations Reveal the Presence of Surface Defects on the Quartz (101)â€“Water Interface. Journal of Physical Chemistry C, 2021, 125, 16246-16255.	3.1	4
125	Pore-Scale Oil Connectivity and Displacement by Controlled-Ionic-Composition Waterflooding Using Synchrotron X-Ray Microtomography. SPE Journal, 2021, 26, 3694-3701.	3.1	4
126	Emergent Behavior at the Calciteâ€“Water Interface during Reactive Transport in a Simple Microfluidic Channel. ACS Earth and Space Chemistry, 2022, 6, 861-870.	2.7	4

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127	Dissolution Kinetics of Epitaxial Cadmium Carbonate Overgrowths on Dolomite. ACS Earth and Space Chemistry, 2019, 3, 212-220.	2.7	3
128	Direct recovery of interfacial topography from coherent X-ray reflectivity: model calculations for a 1D interface. Acta Crystallographica Section A: Foundations and Advances, 2020, 76, 458-467.	0.1	3
129	Microscale Investigation of Dynamic Wettability Alteration Effect on Oil Displacement by Smart Waterflooding Using Synchrotron-Based Microtomography. , 2020, , .		3
130	Application of X-ray reflection interface microscopy to thin-film materials. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 649, 188-190.	1.6	2
131	XSW IMAGING. Series on Synchrotron Radiation Techniques and Applications, 2013, , 289-302.	0.2	2
132	Pore Scale Investigation of Oil Displacement Dynamics by Smart Waterflooding using Synchrotron X-ray Microtomography. , 2020, , .		2
133	Medium-energy ion scattering studies of the structure of some reconstructed metal surfaces. Nuclear Instruments & Methods in Physics Research B, 1990, 45, 398-402.	1.4	1
134	Understanding the Solid-State Electrodeâ€"Electrolyte Interface of a Model System Using First-Principles Statistical Mechanics and Thin-Film X-ray Characterization. ACS Applied Materials & Interfaces, 2022, 14, 7428-7439.	8.0	1
135	APPLICATIONS OF XSW IN INTERFACIAL GEOCHEMISTRY. Series on Synchrotron Radiation Techniques and Applications, 2013, , 369-377.	0.2	0
136	The Patterson function as auto-hologram and graph enables the direct solution to the phase problem for coherently illuminated atomistic structures. New Journal of Physics, 2021, 23, 073018.	2.9	0