

Junko Yano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/626415/publications.pdf>

Version: 2024-02-01

121
papers

13,151
citations

28274

55
h-index

22832

112
g-index

124
all docs

124
docs citations

124
times ranked

14369
citing authors

#	ARTICLE	IF	CITATIONS
1	Where Water Is Oxidized to Dioxygen: Structure of the Photosynthetic Mn ₄ Ca Cluster. <i>Science</i> , 2006, 314, 821-825.	12.6	782
2	Structure and Valency of a Cobalt ^{II} -Phosphate Water Oxidation Catalyst Determined by in Situ X-ray Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 13692-13701.	13.7	649
3	X-ray damage to the Mn ₄ Ca complex in single crystals of photosystem II: A case study for metalloprotein crystallography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12047-12052.	7.1	585
4	Mn ₄ Ca Cluster in Photosynthesis: Where and How Water is Oxidized to Dioxygen. <i>Chemical Reviews</i> , 2014, 114, 4175-4205.	47.7	574
5	Electrodeposited Cobalt-Sulfide Catalyst for Electrochemical and Photoelectrochemical Hydrogen Generation from Water. <i>Journal of the American Chemical Society</i> , 2013, 135, 17699-17702.	13.7	540
6	In Situ X-ray Absorption Spectroscopy Investigation of a Bifunctional Manganese Oxide Catalyst with High Activity for Electrochemical Water Oxidation and Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2013, 135, 8525-8534.	13.7	478
7	Structures of the intermediates of Kok TM 's photosynthetic water oxidation clock. <i>Nature</i> , 2018, 563, 421-425.	27.8	386
8	Simultaneous Femtosecond X-ray Spectroscopy and Diffraction of Photosystem II at Room Temperature. <i>Science</i> , 2013, 340, 491-495.	12.6	378
9	Subsurface oxide plays a critical role in CO ₂ activation by Cu(111) surfaces to form chemisorbed CO ₂ , the first step in reduction of CO ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6706-6711.	7.1	363
10	Electronic Structure of Monoclinic BiVO ₄ . <i>Chemistry of Materials</i> , 2014, 26, 5365-5373.	6.7	356
11	Signature of Metallic Behavior in the Metal-Organic Frameworks M ₃ (hexaiminobenzene) ₂ (M = Ni, Cu). <i>Journal of the American Chemical Society</i> , 2017, 139, 13608-13611.	13.7	324
12	Structure of photosystem II and substrate binding at room temperature. <i>Nature</i> , 2016, 540, 453-457.	27.8	323
13	Redox-inactive metals modulate the reduction potential in heterometallic manganese-oxido clusters. <i>Nature Chemistry</i> , 2013, 5, 293-299.	13.6	289
14	X-ray absorption spectroscopy. <i>Photosynthesis Research</i> , 2009, 102, 241-254.	2.9	285
15	Unravelling the electrochemical double layer by direct probing of the solid/liquid interface. <i>Nature Communications</i> , 2016, 7, 12695.	12.8	267
16	Synthetic model of the asymmetric [Mn ₃ CaO ₄] cubane core of the oxygen-evolving complex of photosystem II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2257-2262.	7.1	259
17	Understanding the Oxygen Evolution Reaction Mechanism on CoO _x using <i>Operando</i> Ambient-Pressure X-ray Photoelectron Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 8960-8970.	13.7	241
18	A multifunctional biphasic water splitting catalyst tailored for integration with high-performance semiconductor photoanodes. <i>Nature Materials</i> , 2017, 16, 335-341.	27.5	217

#	ARTICLE	IF	CITATIONS
19	Universal Surface Engineering of Transition Metals for Superior Electrocatalytic Hydrogen Evolution in Neutral Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 12283-12290.	13.7	207
20	Taking snapshots of photosynthetic water oxidation using femtosecond X-ray diffraction and spectroscopy. <i>Nature Communications</i> , 2014, 5, 4371.	12.8	206
21	Efficient and Sustained Photoelectrochemical Water Oxidation by Cobalt Oxide/Silicon Photoanodes with Nanotextured Interfaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 6191-6194.	13.7	204
22	The Electronic Structure of Mn in Oxides, Coordination Complexes, and the Oxygen-Evolving Complex of Photosystem II Studied by Resonant Inelastic X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2004, 126, 9946-9959.	13.7	177
23	Structural changes in the Mn ₄ Ca cluster and the mechanism of photosynthetic water splitting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1879-1884.	7.1	174
24	Oxidation State and Surface Reconstruction of Cu under CO ₂ Reduction Conditions from <i>in Situ</i> X-ray Characterization. <i>Journal of the American Chemical Society</i> , 2021, 143, 588-592.	13.7	172
25	Nanoflow electrospinning serial femtosecond crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 1584-1587.	2.5	167
26	Mechanistic Evidence for Ligand-Centered Electrocatalytic Oxygen Reduction with the Conductive MOF Ni ₃ (hexaiminotriphenylene) ₂ . <i>ACS Catalysis</i> , 2017, 7, 7726-7731.	11.2	164
27	An Operando Investigation of (Ni ^{II} Fe ^{II} Co ^{II} Ce)O _x System as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2017, 7, 1248-1258.	11.2	156
28	Drop-on-demand sample delivery for studying biocatalysts in action at X-ray free-electron lasers. <i>Nature Methods</i> , 2017, 14, 443-449.	19.0	150
29	Untangling the sequence of events during the S ₂ → S ₃ transition in photosystem II and implications for the water oxidation mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12624-12635.	7.1	149
30	Structural Changes of the Oxygen-evolving Complex in Photosystem II during the Catalytic Cycle. <i>Journal of Biological Chemistry</i> , 2013, 288, 22607-22620.	3.4	145
31	Room temperature femtosecond X-ray diffraction of photosystem II microcrystals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9721-9726.	7.1	144
32	Where Water Is Oxidized to Dioxygen: Structure of the Photosynthetic Mn ₄ Ca Cluster from X-ray Spectroscopy. <i>Inorganic Chemistry</i> , 2008, 47, 1711-1726.	4.0	143
33	Accurate macromolecular structures using minimal measurements from X-ray free-electron lasers. <i>Nature Methods</i> , 2014, 11, 545-548.	19.0	140
34	X-ray spectroscopy of the photosynthetic oxygen-evolving complex. <i>Coordination Chemistry Reviews</i> , 2008, 252, 318-335.	18.8	133
35	A multi-crystal wavelength dispersive x-ray spectrometer. <i>Review of Scientific Instruments</i> , 2012, 83, 073114.	1.3	130
36	<i>Operando</i> Spectroscopic Analysis of CoP Films Electrocatalyzing the Hydrogen-Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 12927-12930.	13.7	127

#	ARTICLE	IF	CITATIONS
37	High-spin Mn ^{II} oxo complexes and their relevance to the oxygen-evolving complex within photosystem II. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5319-5324.	7.1	123
38	Energy-dispersive X-ray emission spectroscopy using an X-ray free-electron laser in a shot-by-shot mode. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19103-19107.	7.1	113
39	Concentric-flow electrokinetic injector enables serial crystallography of ribosome and photosystem II. Nature Methods, 2016, 13, 59-62.	19.0	103
40	Rutile Alloys in the Mn ^{II} -Sb ^{III} -O System Stabilize Mn ³⁺ To Enable Oxygen Evolution in Strong Acid. ACS Catalysis, 2018, 8, 10938-10948.	11.2	97
41	Effect of oxygen deficiency on the excited state kinetics of WO ₃ and implications for photocatalysis. Chemical Science, 2019, 10, 5667-5677.	7.4	97
42	Graphite-Conjugated Pyrazines as Molecularly Tunable Heterogeneous Electrocatalysts. Journal of the American Chemical Society, 2015, 137, 10926-10929.	13.7	95
43	Random forest machine learning models for interpretable X-ray absorption near-edge structure spectrum-property relationships. Npj Computational Materials, 2020, 6, .	8.7	94
44	Acoustic Injectors for Drop-On-Demand Serial Femtosecond Crystallography. Structure, 2016, 24, 631-640.	3.3	88
45	Multiphase Nanostructure of a Quinary Metal Oxide Electrocatalyst Reveals a New Direction for OER Electrocatalyst Design. Advanced Energy Materials, 2015, 5, 1402307.	19.5	85
46	Investigation and mitigation of degradation mechanisms in Cu ₂ O photoelectrodes for CO ₂ reduction to ethylene. Nature Energy, 2021, 6, 1124-1132.	39.5	85
47	Metal-Ligand Cooperativity via Exchange Coupling Promotes Iron-Catalyzed Electrochemical CO ₂ Reduction at Low Overpotentials. Journal of the American Chemical Society, 2020, 142, 20489-20501.	13.7	77
48	Structural dynamics in the water and proton channels of photosystem II during the S ₂ to S ₃ transition. Nature Communications, 2021, 12, 6531.	12.8	73
49	L-Edge X-ray Absorption Spectroscopy of Dilute Systems Relevant to Metalloproteins Using an X-ray Free-Electron Laser. Journal of Physical Chemistry Letters, 2013, 4, 3641-3647.	4.6	64
50	Dramatic differences in carbon dioxide adsorption and initial steps of reduction between silver and copper. Nature Communications, 2019, 10, 1875.	12.8	63
51	High-density grids for efficient data collection from multiple crystals. Acta Crystallographica Section D: Structural Biology, 2016, 72, 2-11.	2.3	62
52	Structural insights into the light-driven auto-assembly process of the water-oxidizing Mn ₄ CaO ₅ -cluster in photosystem II. ELife, 2017, 6, .	6.0	62
53	Probing the oxidation state of transition metal complexes: a case study on how charge and spin densities determine Mn L-edge X-ray absorption energies. Chemical Science, 2018, 9, 6813-6829.	7.4	60
54	Using X-ray free-electron lasers for spectroscopy of molecular catalysts and metalloenzymes. Nature Reviews Physics, 2021, 3, 264-282.	26.6	60

#	ARTICLE	IF	CITATIONS
55	Electronic Structural Changes of Mn in the Oxygen-Evolving Complex of Photosystem II during the Catalytic Cycle. <i>Inorganic Chemistry</i> , 2013, 52, 5642-5644.	4.0	57
56	In situ/Operando studies of electrocatalysts using hard X-ray spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 221, 18-27.	1.7	53
57	Probing the Surface of Platinum during the Hydrogen Evolution Reaction in Alkaline Electrolyte. <i>Journal of Physical Chemistry B</i> , 2018, 122, 864-870.	2.6	50
58	Improving signal strength in serial crystallography with <i>DIALS</i> geometry refinement. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 877-894.	2.3	49
59	Stimulated X-Ray Emission Spectroscopy in Transition Metal Complexes. <i>Physical Review Letters</i> , 2018, 120, 133203.	7.8	48
60	Simultaneous detection of electronic structure changes from two elements of a bifunctional catalyst using wavelength-dispersive X-ray emission spectroscopy and in situ electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8901-8912.	2.8	45
61	CuBi ₂ O ₄ : Electronic Structure, Optical Properties, and Photoelectrochemical Performance Limitations of the Photocathode. <i>Chemistry of Materials</i> , 2021, 33, 934-945.	6.7	45
62	High-Resolution XFEL Structure of the Soluble Methane Monooxygenase Hydroxylase Complex with its Regulatory Component at Ambient Temperature in Two Oxidation States. <i>Journal of the American Chemical Society</i> , 2020, 142, 14249-14266.	13.7	41
63	Role of oxido incorporation and ligand lability in expanding redox accessibility of structurally related Mn ₄ clusters. <i>Chemical Science</i> , 2013, 4, 3986.	7.4	40
64	No observable conformational changes in PSII. <i>Nature</i> , 2016, 533, E1-E2.	27.8	40
65	Reversible Interlayer Sliding and Conductivity Changes in Adaptive Tetrathiafulvalene-Based Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19054-19061.	8.0	40
66	Structural changes correlated with magnetic spin state isomorphism in the S ₂ state of the Mn ₄ CaO ₅ cluster in the oxygen-evolving complex of photosystem II. <i>Chemical Science</i> , 2016, 7, 5236-5248.	7.4	39
67	X-ray Emission Spectroscopy as an <i>In Situ</i> Diagnostic Tool for X-ray Crystallography of Metalloproteins Using an X-ray Free-Electron Laser. <i>Biochemistry</i> , 2018, 57, 4629-4637.	2.5	39
68	Electrochemical flow cell enabling <i>operando</i> probing of electrocatalyst surfaces by X-ray spectroscopy and diffraction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 5402-5408.	2.8	38
69	Metalloprotein structures at ambient conditions and in real-time: biological crystallography and spectroscopy using X-ray free electron lasers. <i>Current Opinion in Structural Biology</i> , 2015, 34, 87-98.	5.7	34
70	Soft x-ray absorption spectroscopy of metalloproteins and high-valent metal-complexes at room temperature using free-electron lasers. <i>Structural Dynamics</i> , 2017, 4, 054307.	2.3	34
71	Tetranuclear [Mn ^{III} Mn ³⁺ Mn ^{IV} O ₄] Complexes as Spectroscopic Models of the S ₂ State of the Oxygen Evolving Complex in Photosystem II. <i>Journal of the American Chemical Society</i> , 2018, 140, 17175-17187.	13.7	34
72	An on-demand, drop-on-drop method for studying enzyme catalysis by serial crystallography. <i>Nature Communications</i> , 2021, 12, 4461.	12.8	34

#	ARTICLE	IF	CITATIONS
73	Direct Determination of Absolute Absorption Cross Sections at the L-Edge of Dilute Mn Complexes in Solution Using a Transmission Flatjet. <i>Inorganic Chemistry</i> , 2018, 57, 5449-5462.	4.0	32
74	Improvements in serial femtosecond crystallography of photosystem II by optimizing crystal uniformity using microseeding procedures. <i>Structural Dynamics</i> , 2015, 2, .	2.3	30
75	Iron detection and remediation with a functionalized porous polymer applied to environmental water samples. <i>Chemical Science</i> , 2019, 10, 6651-6660.	7.4	30
76	Structural isomers of the S ₂ state in photosystem II: do they exist at room temperature and are they important for function?. <i>Physiologia Plantarum</i> , 2019, 166, 60-72.	5.2	30
77	The case for data science in experimental chemistry: examples and recommendations. <i>Nature Reviews Chemistry</i> , 2022, 6, 357-370.	30.2	29
78	Stabilizing the Meniscus for Operando Characterization of Platinum During the Electrolyte-Consuming Alkaline Oxygen Evolution Reaction. <i>Topics in Catalysis</i> , 2018, 61, 2152-2160.	2.8	28
79	Methods development for diffraction and spectroscopy studies of metalloenzymes at X-ray free-electron lasers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130590.	4.0	23
80	Determining Atomic-Scale Structure and Composition of Organo-Lead Halide Perovskites by Combining High-Resolution X-ray Absorption Spectroscopy and First-Principles Calculations. <i>ACS Energy Letters</i> , 2017, 2, 1183-1189.	17.4	23
81	Accelerated Oxygen Atom Transfer and C-H Bond Oxygenation by Remote Redox Changes in Fe ₃ Mn ⁺ iodosobenzene Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4772-4776.	13.8	23
82	X-ray-induced sample damage at the Mn L-edge: a case study for soft X-ray spectroscopy of transition metal complexes in solution. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16817-16827.	2.8	23
83	X-ray free-electron laser studies reveal correlated motion during isopenicillin N synthase catalysis. <i>Science Advances</i> , 2021, 7, .	10.3	23
84	<i>S</i> = 3 Ground State for a Tetranuclear Mn ^{IV} ₄ O ₄ Complex Mimicking the S ₃ State of the Oxygen-Evolving Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 3753-3761.	13.7	22
85	New reflections on hard X-ray photon-in/photon-out spectroscopy. <i>Nanoscale</i> , 2020, 12, 16270-16284.	5.6	21
86	Stability and Activity of Cobalt Antimonate for Oxygen Reduction in Strong Acid. <i>ACS Energy Letters</i> , 2022, 7, 993-1000.	17.4	21
87	Observation of Seeded Mn K ² Stimulated X-Ray Emission Using Two-Color X-Ray Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2020, 125, 037404.	7.8	20
88	X-ray absorption spectroscopy using a self-seeded soft X-ray free-electron laser. <i>Optics Express</i> , 2016, 24, 22469.	3.4	19
89	Initial Steps in Forming the Electrode-Electrolyte Interface: H ₂ O Adsorption and Complex Formation on the Ag(111) Surface from Combining Quantum Mechanics Calculations and Ambient Pressure X-ray Photoelectron Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 6946-6954.	13.7	19
90	Photoreversible interconversion of a phytochrome photosensory module in the crystalline state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 300-307.	7.1	19

#	ARTICLE	IF	CITATIONS
91	Synergy between a Silver–Copper Surface Alloy Composition and Carbon Dioxide Adsorption and Activation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25374-25382.	8.0	19
92	Cr L-Edge X-ray Absorption Spectroscopy of Cr ^{III} (acac) ₃ in Solution with Measured and Calculated Absolute Absorption Cross Sections. <i>Journal of Physical Chemistry B</i> , 2018, 122, 7375-7384.	2.6	18
93	The Mn ₄ Ca photosynthetic water-oxidation catalyst studied by simultaneous X-ray spectroscopy and crystallography using an X-ray free-electron laser. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130324.	4.0	17
94	XANES and EXAFS of dilute solutions of transition metals at XFELs. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1716-1724.	2.4	16
95	Combinatorial Discovery of Lanthanum–Tantalum Oxynitride Solar Light Absorbers with Dilute Nitrogen for Solar Fuel Applications. <i>ACS Combinatorial Science</i> , 2018, 20, 26-34.	3.8	15
96	Molecular Level Insight into Enhanced n-Type Transport in Solution-Printed Hybrid Thermoelectrics. <i>Advanced Energy Materials</i> , 2019, 9, 1803469.	19.5	14
97	Towards the spatial resolution of metalloprotein charge states by detailed modeling of XFEL crystallographic diffraction. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 176-192.	2.3	14
98	Mixed-Valent Diiron μ_4 -Carbyne, μ_4 -Hydride Complexes: Implications for Nitrogenase. <i>Journal of the American Chemical Society</i> , 2020, 142, 18795-18813.	13.7	13
99	Mesoscopic to Macroscopic Electron Transfer by Hopping in a Crystal Network of Cytochromes. <i>Journal of the American Chemical Society</i> , 2020, 142, 10459-10467.	13.7	13
100	Operando X-ray absorption spectroscopy of hyperfine ^{57}Fe -FeOOH nanorods modified with amorphous Ni(OH) ₂ under electrocatalytic water oxidation conditions. <i>Chemical Communications</i> , 2020, 56, 5158-5161.	4.1	12
101	Tracing the incorporation of the α -nitro sulfur into the nitrogenase cofactor precursor with selenite and tellurite. <i>Nature Chemistry</i> , 2021, 13, 1228-1234.	13.6	12
102	Dynamics and Hysteresis of Hydrogen Intercalation and Deintercalation in Palladium Electrodes: A Multimodal <i>In Situ</i> X-ray Diffraction, Coulometry, and Computational Study. <i>Chemistry of Materials</i> , 2021, 33, 5872-5884.	6.7	11
103	Room temperature XFEL crystallography reveals asymmetry in the vicinity of the two phylloquinones in photosystem I. <i>Scientific Reports</i> , 2021, 11, 21787.	3.3	11
104	Artificial Iron Proteins: Modeling the Active Sites in Non-Heme Dioxygenases. <i>Inorganic Chemistry</i> , 2020, 59, 6000-6009.	4.0	10
105	Effects of x-ray free-electron laser pulse intensity on the Mn K $\beta_{1,3}$ x-ray emission spectrum in photosystem II—A case study for metalloprotein crystals and solutions. <i>Structural Dynamics</i> , 2021, 8, 064302.	2.3	10
106	Optimizing Crystal Size of Photosystem II by Macroseeding: Toward Neutron Protein Crystallography. <i>Crystal Growth and Design</i> , 2018, 18, 85-94.	3.0	9
107	Beyond integration: modeling every pixel to obtain better structure factors from stills. <i>IUCr</i> , 2020, 7, 1151-1167.	2.2	8
108	Reply to Wang et al.: Clear evidence of binding of O ₂ to the oxygen-evolving complex of photosystem II is best observed in the omit map. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2102342118.	7.1	7

#	ARTICLE	IF	CITATIONS
109	Band Edge Energy Tuning through Electronic Character Hybridization in Ternary Metal Vanadates. <i>Chemistry of Materials</i> , 2021, 33, 7242-7253.	6.7	7
110	XFEL serial crystallography reveals the room temperature structure of methyl-coenzyme M reductase. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111768.	3.5	6
111	Addressing solar photochemistry durability with an amorphous nickel antimonate photoanode. <i>Cell Reports Physical Science</i> , 2022, 3, 100959.	5.6	6
112	N-Heterocyclic Linkages Are Produced from Condensation of Amidines onto Graphitic Carbon. <i>Chemistry of Materials</i> , 2020, 32, 8512-8521.	6.7	4
113	Resonant X-ray emission spectroscopy from broadband stochastic pulses at an X-ray free electron laser. <i>Communications Chemistry</i> , 2021, 4, .	4.5	4
114	Generation of intense phase-stable femtosecond hard X-ray pulse pairs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119616119.	7.1	4
115	Accelerated Oxygen Atom Transfer and C-H Bond Oxygenation by Remote Redox Changes in Fe ₃ Mn- κ -Odosobenzene Adducts. <i>Angewandte Chemie</i> , 2017, 129, 4850-4854.	2.0	3
116	Droplet On Tape: Protocol. <i>Protocol Exchange</i> , 0, , .	0.3	3
117	Carbon dioxide adsorption and activation on gallium phosphide surface monitored by ambient pressure x-ray photoelectron spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 234002.	2.8	2
118	Photosynthesis Photosystem II: Water Oxidation, Overview. , 2021, , 229-235.		1
119	X-Ray Spectroscopy with XFELs. , 2018, , 377-399.		1
120	Characterization of Chemically Modified TiO ₂ Synthesized via Sustainable Superoxidation of Ti. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6223-6230.	3.1	1
121	Hybrid Thermoelectrics: Molecular Level Insight into Enhanced n-Type Transport in Solution-Printed Hybrid Thermoelectrics (<i>Adv. Energy Mater.</i> 13/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970041.	19.5	0