

Stuart Licht

List of Publications by Year in descending order

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61857

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docs citations

147
times ranked

5112
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Solar Water Splitting, Exemplified by RuO ₂ -Catalyzed AlGaAs/Si Photoelectrolysis. Journal of Physical Chemistry B, 2000, 104, 8920-8924.	1.2	364
2	Energetic Iron(VI) Chemistry: The Super-Iron Battery. Science, 1999, 285, 1039-1042.	6.0	221
3	One-Pot Synthesis of Carbon Nanofibers from CO ₂ . Nano Letters, 2015, 15, 6142-6148.	4.5	209
4	The Fundamental Conductivity and Resistivity of Water. Electrochemical and Solid-State Letters, 2005, 8, E16.	2.2	181
5	Carbon Nanotubes Produced from Ambient Carbon Dioxide for Environmentally Sustainable Lithium-Ion and Sodium-Ion Battery Anodes. ACS Central Science, 2016, 2, 162-168.	5.3	147
6	Aqueous Solubilities, Solubility Products and Standard Oxidation/Reduction Potentials of the Metal Sulfides. Journal of the Electrochemical Society, 1988, 135, 2971-2975.	1.3	146
7	Multiple Band Gap Semiconductor/Electrolyte Solar Energy Conversion. Journal of Physical Chemistry B, 2001, 105, 6281-6294.	1.2	146
8	A light-variation insensitive high efficiency solar cell. Nature, 1987, 326, 863-864.	13.7	138
9	A New Solar Carbon Capture Process: Solar Thermal Electrochemical Photo (STEP) Carbon Capture. Journal of Physical Chemistry Letters, 2010, 1, 2363-2368.	2.1	138
10	Efficient Solar-Driven Synthesis, Carbon Capture, and Desalination, STEP: Solar Thermal Electrochemical Production of Fuels, Metals, Bleach. Advanced Materials, 2011, 23, 5592-5612.	11.1	119
11	Analysis of ferrate(VI) compounds and super-iron Fe(VI) battery cathodes: FTIR, ICP, titrimetric, XRD, UV/VIS, and electrochemical characterization. Journal of Power Sources, 2001, 101, 167-176.	4.0	116
12	Electrochemical synthesis of ammonia directly from N ₂ and water over iron-based catalysts supported on activated carbon. Green Chemistry, 2017, 19, 298-304.	4.6	116
13	One-pot synthesis of nanostructured carbon materials from carbon dioxide via electrolysis in molten carbonate salts. Carbon, 2016, 106, 208-217.	5.4	105
14	STEP (Solar Thermal Electrochemical Photo) Generation of Energetic Molecules: A Solar Chemical Process to End Anthropogenic Global Warming. Journal of Physical Chemistry C, 2009, 113, 16283-16292.	1.5	93
15	Efficient photoelectrochemical solar cells from electrolyte modification. Nature, 1990, 345, 330-333.	13.7	90
16	A description of energy conversion in photoelectrochemical solar cells. Nature, 1987, 330, 148-151.	13.7	87
17	Solar Water Splitting To Generate Hydrogen Fuel: A Photothermal Electrochemical Analysis. Journal of Physical Chemistry B, 2003, 107, 4253-4260.	1.2	82
18	Disproportionation of Aqueous Sulfur and Sulfide: Kinetics of Polysulfide Decomposition. Journal of Physical Chemistry B, 1997, 101, 2540-2545.	1.2	77

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19	Revealing nitrogen-containing species in commercial catalysts used for ammonia electrosynthesis. <i>Nature Catalysis</i> , 2020, 3, 1055-1061.	16.1	73
20	The Minimum Electrolytic Energy Needed To Convert Carbon Dioxide to Carbon by Electrolysis in Carbonate Melts. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23342-23349.	1.5	70
21	STEP cement: Solar Thermal Electrochemical Production of CaO without CO ₂ emission. <i>Chemical Communications</i> , 2012, 48, 6019.	2.2	68
22	Novel Aqueous Aluminum/Sulfur Batteries. <i>Journal of the Electrochemical Society</i> , 1993, 140, L4-L6.	1.3	66
23	Chemical synthesis of battery grade super-iron barium and potassium Fe(VI) ferrate compounds. <i>Journal of Power Sources</i> , 2001, 99, 7-14.	4.0	63
24	STEP Iron, a Chemistry of Iron Formation without CO ₂ Emission: Molten Carbonate Solubility and Electrochemistry of Iron Ore Impurities. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25138-25147.	1.5	62
25	Transformation of the greenhouse gas CO ₂ by molten electrolysis into a wide controlled selection of carbon nanotubes. <i>Journal of CO₂ Utilization</i> , 2017, 18, 335-344.	3.3	59
26	pH Measurement in Concentrated Alkaline Solutions. <i>Analytical Chemistry</i> , 1985, 57, 514-519.	3.2	58
27	Recent Advances in Solar Thermal Electrochemical Process (STEP) for Carbon Neutral Products and High Value Nanocarbons. <i>Accounts of Chemical Research</i> , 2019, 52, 3177-3187.	7.6	55
28	STEP—A Solar Chemical Process to End Anthropogenic Global Warming. II: Experimental Results. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11803-11821.	1.5	54
29	STEP carbon capture — The barium advantage. <i>Journal of CO₂ Utilization</i> , 2013, 2, 58-63.	3.3	54
30	Silver Mediation of Fe(VI) Charge Transfer: Activation of the K ₂ FeO ₄ Super-iron Cathode. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5947-5955.	1.2	52
31	Advances in Understanding the Mechanism and Improved Stability of the Synthesis of Ammonia from Air and Water in Hydroxide Suspensions of Nanoscale Fe ₂ O ₃ . <i>Inorganic Chemistry</i> , 2014, 53, 10042-10044.	1.9	52
32	Electrochemical Alkaline Fe(VI) Water Purification and Remediation. <i>Environmental Science & Technology</i> , 2005, 39, 8071-8076.	4.6	51
33	A novel rechargeable zinc-air battery with molten salt electrolyte. <i>Journal of Power Sources</i> , 2017, 342, 435-441.	4.0	51
34	Carbon nanotube wools made directly from CO ₂ by molten electrolysis: Value driven pathways to carbon dioxide greenhouse gas mitigation. <i>Materials Today Energy</i> , 2017, 5, 230-236.	2.5	51
35	Tracking airborne CO ₂ mitigation and low cost transformation into valuable carbon nanotubes. <i>Scientific Reports</i> , 2016, 6, 27760.	1.6	50
36	High solubility pathway for the carbon dioxide free production of iron. <i>Chemical Communications</i> , 2010, 46, 7004.	2.2	49

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37	Thermodynamic assessment of CO ₂ to carbon nanofiber transformation for carbon sequestration in a combined cycle gas or a coal power plant. <i>Energy Conversion and Management</i> , 2016, 122, 400-410.	4.4	48
38	A Light Addressable Photoelectrochemical Cyanide Sensor. <i>Analytical Chemistry</i> , 1996, 68, 954-959.	3.2	47
39	Light invariant, efficient, multiple band gap AlGaAs/Si/metal hydride solar cell. <i>Applied Physics Letters</i> , 1999, 74, 4055-4057.	1.5	47
40	Efficient STEP (solar thermal electrochemical photo) production of hydrogen – an economic assessment. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 10867-10882.	3.8	45
41	Speciation Analysis of Aqueous Polyselenide Solutions. <i>Journal of the Electrochemical Society</i> , 1995, 142, 1546-1551.	1.3	44
42	Nonaqueous Phase Fe(VI) Electrochemical Storage and Discharge of Super-Iron/Lithium Primary Batteries. <i>Electrochemical and Solid-State Letters</i> , 1999, 3, 209.	2.2	44
43	Toward Efficient Electrochemical Synthesis of Fe(VI) Ferrate and Super-Iron Battery Compounds. <i>Journal of the Electrochemical Society</i> , 2004, 151, A31.	1.3	43
44	Solar thermoelectric field plus photocatalysis for efficient organic synthesis exemplified by toluene to benzoic acid. <i>Applied Catalysis B: Environmental</i> , 2016, 193, 151-159.	10.8	43
45	Conductometric analysis of the second acid dissociation constant of H ₂ S in highly concentrated aqueous media. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 318, 111-129.	0.3	42
46	Electrochemical potential tuned solar water splitting. <i>Chemical Communications</i> , 2003, , 3006.	2.2	42
47	Chemical mechanism of the high solubility pathway for the carbon dioxide free production of iron. <i>Chemical Communications</i> , 2011, 47, 3081.	2.2	42
48	Rechargeable Fe(III/VI) super-iron cathodes. <i>Chemical Communications</i> , 2004, , 628.	2.2	41
49	Rapid chemical synthesis of the barium ferrate super-iron Fe (VI) compound, BaFeO ₄ . <i>Journal of Power Sources</i> , 2002, 109, 67-70.	4.0	40
50	Transformation of the greenhouse gas carbon dioxide to graphene. <i>Journal of CO₂ Utilization</i> , 2020, 36, 288-294.	3.3	40
51	Thermochemical solar hydrogen generation. <i>Chemical Communications</i> , 2005, , 4635.	2.2	38
52	Molten air – a new, highest energy class of rechargeable batteries. <i>Energy and Environmental Science</i> , 2013, 6, 3646.	15.6	38
53	Fe(VI) Catalyzed Manganese Redox Chemistry: Permanganate and Super-Iron Alkaline Batteries. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11933-11936.	1.2	37
54	Cathodic chemistry of high performance Zr coated alkaline materials. <i>Chemical Communications</i> , 2006, , 4341.	2.2	37

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55	A New Technology for Efficient, High Yield Carbon Dioxide and Water Transformation to Methane by Electrolysis in Molten Salts. <i>Advanced Materials Technologies</i> , 2016, 1, 1600092.	3.0	37
56	Exploration of alkali cation variation on the synthesis of carbon nanotubes by electrolysis of CO ₂ in molten carbonates. <i>Journal of CO₂ Utilization</i> , 2019, 34, 303-312.	3.3	37
57	Synthesis and analysis of Ag ₂ FeO ₄ Fe(VI) ferrate super-iron cathodes. <i>Electrochemistry Communications</i> , 2005, 7, 931-936.	2.3	36
58	Cathodic Charge Transfer and Analysis of Cs ₂ FeO ₄ , K ₂ FeO ₄ , and Mixed Alkali Fe(VI) Ferrate Super-irons. <i>Journal of the Electrochemical Society</i> , 2004, 151, A1147.	1.3	35
59	Energetics of a Zinc-Sulfur Fuel Cell. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2989-2995.	1.2	34
60	Combined solution effects yield stable thin-film cadmium selenide telluride/polysulfide photoelectrochemical solar cells. <i>The Journal of Physical Chemistry</i> , 1986, 90, 1096-1099.	2.9	33
61	Efficient solar generation of hydrogen fuel – a fundamental analysis. <i>Electrochemistry Communications</i> , 2002, 4, 790-795.	2.3	33
62	A novel alkaline redox couple: chemistry of the Fe ⁶⁺ /B ²⁻ super-iron boride battery. <i>Chemical Communications</i> , 2007, , 2753.	2.2	32
63	Co-production of cement and carbon nanotubes with a carbon negative footprint. <i>Journal of CO₂ Utilization</i> , 2017, 18, 378-389.	3.3	32
64	Advances in electrochemical Fe(VI) synthesis and analysis. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 731-742.	1.5	31
65	A High Energy and Power Novel Aluminum/Nickel Battery. <i>Journal of the Electrochemical Society</i> , 1995, 142, L179-L182.	1.3	29
66	STEP Wastewater Treatment: A Solar Thermal Electrochemical Process for Pollutant Oxidation. <i>ChemSusChem</i> , 2012, 5, 2000-2010.	3.6	28
67	A long cycle life, high coulombic efficiency iron molten air battery. <i>Sustainable Energy and Fuels</i> , 2017, 1, 474-481.	2.5	28
68	Critical STEP advances for sustainable iron production. <i>Green Chemistry</i> , 2013, 15, 881.	4.6	27
69	Sungas Instead of Syngas: Efficient Coproduction of CO and H ₂ with a Single Beam of Sunlight. <i>Advanced Science</i> , 2015, 2, 1500260.	5.6	27
70	Evaluation of properties and performance of nanoscopic materials in vanadium diboride/air batteries. <i>Journal of Power Sources</i> , 2013, 239, 244-252.	4.0	26
71	Conductive-Matrix-Mediated Alkaline Fe(III/VI) Charge Transfer: A Three-Electron Storage, Reversible Super-Iron Thin Film Cathodes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12394-12403.	1.2	25
72	A High Capacity Li-Ion Cathode: The Fe(III/VI) Super-Iron Cathode. <i>Energies</i> , 2010, 3, 960-972.	1.6	25

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73	STEP organic synthesis: an efficient solar, electrochemical process for the synthesis of benzoic acid. <i>Green Chemistry</i> , 2014, 16, 4758-4766.	4.6	25
74	Study of Various (â€œSuper Ironâ€) MFeO[sub 4] Compounds in Li Salt Solutions as Potential Cathode Materials for Li Batteries. <i>Journal of the Electrochemical Society</i> , 2006, 153, A32.	1.3	24
75	Carbon Nanoâ€Onions Made Directly from CO ₂ by Molten Electrolysis for Greenhouse Gas Mitigation. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900056.	2.7	24
76	A Novel Aqueous Aluminum/Ferricyanide Battery. <i>Journal of the Electrochemical Society</i> , 1992, 139, L109-L111.	1.3	23
77	Aluminum/Sulfur Battery Discharge in the High Current Domain. <i>Journal of the Electrochemical Society</i> , 1997, 144, L133-L136.	1.3	23
78	The Super-Iron Boride Battery. <i>Journal of the Electrochemical Society</i> , 2008, 155, A297.	1.3	23
79	Nano-VB ₂ Synthesis from Elemental Vanadium and Boron: Nano-VB ₂ Anodeâ€Air Batteries. <i>Electrochemical and Solid-State Letters</i> , 2012, 15, A12.	2.2	23
80	A Oneâ€Pot Synthesis of Hydrogen and Carbon Fuels from Water and Carbon Dioxide. <i>Advanced Energy Materials</i> , 2015, 5, 1401791.	10.2	23
81	The Net Discharge Mechanism of the VB ₂ /Air Battery. <i>Journal of the Electrochemical Society</i> , 2015, 162, A192-A197.	1.3	23
82	Amplified CO ₂ reduction of greenhouse gas emissions with C ₂ CNT carbon nanotube composites. <i>Materials Today Sustainability</i> , 2019, 6, 100023.	1.9	23
83	Recent Advances in Fe(VI) Synthesis. <i>ACS Symposium Series</i> , 2008, , 2-51.	0.5	22
84	A low temperature iron molten air battery. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10577-10580.	5.2	22
85	Rechargeable Zinc Air Batteries and Highly Improved Performance through Potassium Hydroxide Addition to the Molten Carbonate Eutectic Electrolyte. <i>Journal of the Electrochemical Society</i> , 2018, 165, A149-A154.	1.3	22
86	Data on SEM, TEM and Raman Spectra of doped, and wool carbon nanotubes made directly from CO ₂ by molten electrolysis. <i>Data in Brief</i> , 2017, 14, 592-606.	0.5	21
87	Potential Enhancement of Polyiodide Redox Couples via Solution Modification. <i>Journal of the Electrochemical Society</i> , 1995, 142, L129-L132.	1.3	19
88	Rational Electrolyte Modification of nâ€CdSeâ€/â€(â€[â€KFeâ€(â€CNâ€)â€]â€)â€.	1.3	18
89	Solutionâ€Modified nâ€GaAsâ€/â€Aqueous Polyselenide Photoelectrochemistry. <i>Journal of the Electrochemical Society</i> , 1995, 142, 1539-1545.	1.3	18
90	The Low Current Domain of the Aluminum/Sulfur Battery. <i>Journal of the Electrochemical Society</i> , 1997, 144, 948-955.	1.3	18

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91	Aluminum Anodic Behavior in Aqueous Sulfur Electrolytes. <i>Journal of Physical Chemistry B</i> , 1997, 101, 4959-4965.	1.2	18
92	Enhancement of Reversible Nonaqueous Fe(III/VI) Cathodic Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9884-9891.	1.5	18
93	Stabilized Alkaline Fe(VI) Charge Transfer. <i>Journal of the Electrochemical Society</i> , 2008, 155, A1.	1.3	17
94	Nanoparticle Facilitated Charge Transfer and Voltage of a High Capacity VB ₂ Anode. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, A83.	2.2	17
95	Comparison of Alternative Molten Electrolytes for Water Splitting to Generate Hydrogen Fuel. <i>Journal of the Electrochemical Society</i> , 2016, 163, F1162-F1168.	1.3	16
96	Magnetic carbon nanotubes: Carbide nucleated electrochemical growth of ferromagnetic CNTs from CO ₂ . <i>Journal of CO₂ Utilization</i> , 2020, 40, 101218.	3.3	16
97	One pot facile transformation of CO ₂ to an unusual 3-D nano-scaffold morphology of carbon. <i>Scientific Reports</i> , 2020, 10, 21518.	1.6	16
98	Reversible Behavior of K ₂ Fe(VI)O ₄ in Aqueous Media. <i>Electrochemical and Solid-State Letters</i> , 2003, 6, A260.	2.2	15
99	Super-iron nanoparticles with facile cathodic charge transfer. <i>Electrochemistry Communications</i> , 2011, 13, 909-912.	2.3	15
100	Critical advances for the iron molten air battery: a new lowest temperature, rechargeable, ternary electrolyte domain. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21039-21043.	5.2	15
101	Aqueous Polyiodide Spectroscopy and Equilibria and Its Effect on nâ€™%â€™%WSe ₂ Photoelectrochemistry. <i>Journal of the Electrochemical Society</i> , 1995, 142, 845-849.	1.3	14
102	Ultrahigh Specific Power Electrochemistry, Exemplified by Al/MnO ₄ -and Cd/AgO Redox Chemistry. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6780-6786.	1.2	14
103	Solar Driven Thermal Electrochemical Process (STEP) Wastewater Treatment with Synergistic Production of Hydrogen. <i>ECS Electrochemistry Letters</i> , 2013, 2, H34-H36.	1.9	14
104	High Energy Capacity TiB ₂ /VB ₂ Composite Metal Boride Air Battery. <i>Journal of the Electrochemical Society</i> , 2015, 162, A432-A436.	1.3	14
105	How does an amalgamated Ni cathode affect carbon nanotube growth? A density functional theory study. <i>RSC Advances</i> , 2016, 6, 27191-27196.	1.7	14
106	Recent advances in synthesis and analysis of Fe(VI) cathodes: solution phase and solid-state Fe(VI) syntheses, reversible thin-film Fe(VI) synthesis, coating-stabilized Fe(VI) synthesis, and Fe(VI) analytical methodologies. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1523-1540.	1.2	13
107	Towards efficient solar STEP synthesis of benzoic acid: Role of graphite electrode. <i>Solar Energy</i> , 2015, 113, 303-312.	2.9	13
108	Calcium metaborate induced thin walled carbon nanotube syntheses from CO ₂ by molten carbonate electrolysis. <i>Scientific Reports</i> , 2020, 10, 15146.	1.6	13

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109	Controlled Growth of Unusual Nanocarbon Allotropes by Molten Electrolysis of CO ₂ . Catalysts, 2022, 12, 125.	1.6	13
110	Flat Band Variation of n-Cadmium Chalcogenides in Aqueous Cyanide. The Journal of Physical Chemistry, 1996, 100, 9082-9087.	2.9	9
111	Higher Capacity, Improved Conductive Matrix VB ₂ /Air Batteries. Journal of the Electrochemical Society, 2016, 163, A781-A784.	1.3	9
112	Green and scalable separation and purification of carbon materials in molten salt by efficient high-temperature press filtration. Separation and Purification Technology, 2021, 255, 117719.	3.9	9
113	Improved Cycle Iron Molten Air Battery Performance Using a Robust Fin Air Electrode. Journal of the Electrochemical Society, 2017, 164, A88-A92.	1.3	8
114	Controlled Transition Metal Nucleated Growth of Carbon Nanotubes by Molten Electrolysis of CO ₂ . Catalysts, 2022, 12, 137.	1.6	8
115	Enhanced Iron Molten Air Battery Cycle Life and the Chemistry of the Nickel Oxide/Air Interface. Journal of the Electrochemical Society, 2018, 165, A235-A243.	1.3	7
116	Efficient Electrocatalytic Synthesis of Ammonia from Water and Air in a Membrane-Free Cell: Confining the Iron Oxide Catalyst to the Cathode. European Journal of Inorganic Chemistry, 2020, 2020, 1428-1436.	1.0	6
117	The green synthesis of exceptional braided, helical carbon nanotubes and nanospiral platelets made directly from CO ₂ . Materials Today Chemistry, 2021, 22, 100529.	1.7	6
118	CO ₂ Utilization by Electrolytic Splitting to Carbon Nanotubes in Non-Lithiated, Cost-Effective, Molten Carbonate Electrolytes. Advanced Sustainable Systems, 2022, 6, .	2.7	6
119	Solar Fuels: A One-Pot Synthesis of Hydrogen and Carbon Fuels from Water and Carbon Dioxide (Adv.) Tj ETQq1 1.0, 784314 rgBT /Ov 10.2 5	1.0	5
120	Sustainable Electrochemical Synthesis of Large Grain- or Catalyst-Sized Iron. Journal of Sustainable Metallurgy, 2016, 2, 405-415.	1.1	5
121	The adoption and mechanism of KIO ₄ for redox-equilibrated stabilization of FeO ₄ ²⁻ as an equalizer in water. Ionics, 2016, 22, 1967-1972.	1.2	5
122	Nano PdO Activated Iron Molten Air Battery. Journal of Physical Chemistry C, 2018, 122, 8109-8115.	1.5	5
123	Recent Advances in Fe(VI) Charge Storage and Super-Iron Batteries. ACS Symposium Series, 2008, , 197-256.	0.5	3
124	Electrochemical Fe(VI) Water Purification and Remediation. ACS Symposium Series, 2008, , 268-291.	0.5	3
125	PHOTOELECTROCHEMICAL STORAGE CELLS. Series on Photoconversion of Solar Energy, 2008, , 591-632.	0.2	2
126	SECONDARY BATTERIES Super-Iron Batteries. , 2009, , 262-284.		2

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127	Solar Thermal and Efficient Solar Thermal/Electrochemical Photo Hydrogen Generation. , 0, , 641-664.		2
128	Studying the Reversibility of Multielectron Charge Transfer in Fe(VI) Cathodes Utilizing X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 19875-19884.	1.5	2
129	Photoelectrochemical Investigation of Fullerenes. Fullerenes, Nanotubes, and Carbon Nanostructures, 1998, 6, 125-136.	0.6	1
130	Demonstration of a Novel Alkaline Battery Cathode Material: Periodate Salts. Materials Research Society Symposia Proceedings, 2006, 973, 1.	0.1	1
131	STEP Decrease of Anthropogenic CO ₂ : Solar Thermal Electrochemical Production of Energetic Molecules, A Different Solar Energy Conversion Process. ECS Transactions, 2011, 35, 25-30.	0.3	1
132	A Novel High Capacity, Environmental Benign Energy Storage System: Super-iron Boride Battery. Materials Research Society Symposia Proceedings, 2007, 1041, 1.	0.1	0
133	Photoelectrochemistry and hybrid solar conversion. , 0, , 692-710.		0
134	Solar Fuel: Sungas Instead of Syngas: Efficient Coproduction of CO and H ₂ with a Single Beam of Sunlight (Adv. Sci. 11/2015). Advanced Science, 2015, 2, .	5.6	0
135	Carbon Dioxide Emission Reduction. , 2016, , 421-440.		0
136	Photoelectrochemical Conversion Processes. , 2017, , 779-798.		0
137	Thermal Modeling for High Temperature Electrolysis of Lithium Carbonate with Carbon Dioxide Sequestration. , 2017, , .		0