

Minah Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

4,032
citations

29
h-index

49
g-index

49
ext. papers

4,927
ext. citations

17.1
avg. IF

5.59
L-index

#	Paper	IF	Citations
42	Weakly Solvating Solution Enables Chemical Prelithiation of Graphite-SiO Anodes for High-Energy Li-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9169-9176	16.4	24
41	Solution Processing of Lithium-Rich Amorphous Li-La-Zr-O Ion Conductor and Its Application for Cycling Durability Improvement of LiCoO ₂ Cathode as Coating Layer. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001767	4.6	1
40	Molecularly Tailored Lithium-Arene Complex Enables Chemical Prelithiation of High-Capacity Lithium-Ion Battery Anodes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14473-14480	16.4	40
39	Innentitelbild: Molecularly Tailored Lithium-Arene Complex Enables Chemical Prelithiation of High-Capacity Lithium-Ion Battery Anodes (Angew. Chem. 34/2020). <i>Angewandte Chemie</i> , 2020 , 132, 14270-14270	3.6	
38	Molecularly Tailored Lithium-Arene Complex Enables Chemical Prelithiation of High-Capacity Lithium-Ion Battery Anodes. <i>Angewandte Chemie</i> , 2020 , 132, 14581-14588	3.6	9
37	A Dynamic, Electrolyte-Blocking, and Single-Ion-Conductive Network for Stable Lithium-Metal Anodes. <i>Joule</i> , 2019 , 3, 2761-2776	27.8	103
36	Designing a Quinone-Based Redox Mediator to Facilitate Li ₂ S Oxidation in Li-S Batteries. <i>Joule</i> , 2019 , 3, 872-884	27.8	114
35	An Electrochemical Gelation Method for Patterning Conductive PEDOT:PSS Hydrogels. <i>Advanced Materials</i> , 2019 , 31, e1902869	24	81
34	Robust and conductive two-dimensional metal-organic frameworks with exceptionally high volumetric and areal capacitance. <i>Nature Energy</i> , 2018 , 3, 30-36	62.3	528
33	Stabilization of Hexaaminobenzene in a 2D Conductive Metal-Organic Framework for High Power Sodium Storage. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10315-10323	16.4	234
32	Crosslinked Poly(tetrahydrofuran) as a Loosely Coordinating Polymer Electrolyte. <i>Advanced Energy Materials</i> , 2018 , 8, 1800703	21.8	95
31	Mechanically tunable conductive interpenetrating network hydrogels that mimic the elastic moduli of biological tissue. <i>Nature Communications</i> , 2018 , 9, 2740	17.4	194
30	A Dual-Crosslinking Design for Resilient Lithium-Ion Conductors. <i>Advanced Materials</i> , 2018 , 30, e1804142	24	80
29	Synthetic Routes for a 2D Semiconductive Copper Hexahydroxybenzene Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14533-14537	16.4	121
28	Photoelectroenzymatic Oxyfunctionalization on Flavin-Hybridized Carbon Nanotube Electrode Platform. <i>ACS Catalysis</i> , 2017 , 7, 1563-1567	13.1	44
27	Multi-electron redox phenazine for ready-to-charge organic batteries. <i>Green Chemistry</i> , 2017 , 19, 2980-2985	20.5	84
26	High-performance sodium-organic battery by realizing four-sodium storage in disodium rhodizonate. <i>Nature Energy</i> , 2017 , 2, 861-868	62.3	272

25	Rational design of redox mediators for advanced LiO ₂ batteries. <i>Nature Energy</i> , 2016 , 1,	62.3	263
24	Self-adhesive graphene oxide-wrapped TiO ₂ nanoparticles for UV-activated colorimetric oxygen detection. <i>Sensors and Actuators B: Chemical</i> , 2015 , 213, 322-328	8.5	15
23	High Energy Organic Cathode for Sodium Rechargeable Batteries. <i>Chemistry of Materials</i> , 2015 , 27, 7258-7264	12.6	122
22	A hematite-based photoelectrochemical platform for visible light-induced biosensing. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4483-4486	7.3	21
21	Aluminum Nanoarrays for Plasmon-Enhanced Light Harvesting. <i>ACS Nano</i> , 2015 , 9, 6206-13	16.7	70
20	Mussel-inspired plasmonic nanohybrids for light harvesting. <i>Advanced Materials</i> , 2014 , 26, 4463-8	24	60
19	Polydopamine as a Biomimetic Electron Gate for Artificial Photosynthesis. <i>Angewandte Chemie</i> , 2014 , 126, 6482-6486	3.6	11
18	Polydopamine as a biomimetic electron gate for artificial photosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6364-8	16.4	94
17	Biologically inspired pteridine redox centres for rechargeable batteries. <i>Nature Communications</i> , 2014 , 5, 5335	17.4	188
16	Nanostructures: Mussel-Inspired Plasmonic Nanohybrids for Light Harvesting (Adv. Mater. 26/2014). <i>Advanced Materials</i> , 2014 , 26, 4596-4596	24	
15	Lithium-Ion Batteries: Organic Nanohybrids for Fast and Sustainable Energy Storage (Adv. Mater. 16/2014). <i>Advanced Materials</i> , 2014 , 26, 2608-2608	24	
14	Organic nanohybrids for fast and sustainable energy storage. <i>Advanced Materials</i> , 2014 , 26, 2558-65	24	174
13	Innentitelbild: Polydopamine as a Biomimetic Electron Gate for Artificial Photosynthesis (Angew. Chem. 25/2014). <i>Angewandte Chemie</i> , 2014 , 126, 6396-6396	3.6	
12	Carbon-based nanomaterials for tissue engineering. <i>Advanced Healthcare Materials</i> , 2013 , 2, 244-60	10.1	160
11	Redox cofactor from biological energy transduction as molecularly tunable energy-storage compound. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8322-8	16.4	113
10	Titelbild: Redox Cofactor from Biological Energy Transduction as Molecularly Tunable Energy-Storage Compound (Angew. Chem. 32/2013). <i>Angewandte Chemie</i> , 2013 , 125, 8329-8329	3.6	1
9	Redox Cofactor from Biological Energy Transduction as Molecularly Tunable Energy-Storage Compound. <i>Angewandte Chemie</i> , 2013 , 125, 8480-8486	3.6	22
8	Self-Assembled Light-Harvesting Peptide Nanotubes for Mimicking Natural Photosynthesis. <i>Angewandte Chemie</i> , 2012 , 124, 532-535	3.6	51

7	Titelbild: Self-Assembled Light-Harvesting Peptide Nanotubes for Mimicking Natural Photosynthesis (Angew. Chem. 2/2012). <i>Angewandte Chemie</i> , 2012 , 124, 285-285	3.6	
6	Self-assembled light-harvesting peptide nanotubes for mimicking natural photosynthesis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 517-20	16.4	189
5	Critical Role of Oxygen Evolved from Layered LiExcess Metal Oxides in Lithium Rechargeable Batteries. <i>Chemistry of Materials</i> , 2012 , 24, 2692-2697	9.6	213
4	Zn-containing porphyrin as a biomimetic light-harvesting molecule for biocatalyzed artificial photosynthesis. <i>Chemical Communications</i> , 2011 , 47, 10227-9	5.8	51
3	Biomimetic artificial photosynthesis by light-harvesting synthetic wood. <i>ChemSusChem</i> , 2011 , 4, 581-6	8.3	38
2	Bone-like peptide/hydroxyapatite nanocomposites assembled with multi-level hierarchical structures. <i>Soft Matter</i> , 2011 , 7, 7201	3.6	57
1	Mussel-inspired functionalization of carbon nanotubes for hydroxyapatite mineralization. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8848		80