Xander Li

List of Publications by Year
in descending order

37 papers	1,840 citations	361413 20 h-index	454955 30 g-index
37 all docs	37 docs citations	37 times ranked	2112 citing authors

#	Article	IF	Citations
1	Wasserstein Loss With Alternative Reinforcement Learning for Severity-Aware Semantic Segmentation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 587-596.	8.0	7
2	Contact-electro-catalysis for the degradation of organic pollutants using pristine dielectric powders. Nature Communications, 2022, 13, 130.	12.8	83
3	Boosting CO₂ Electrochemical Reduction with Atomically Precise Surface Modification on Gold Nanoclusters. Angewandte Chemie - International Edition, 2021, 60, 6351-6356.	13.8	105
4	The role of ligands in atomically precise nanocluster-catalyzed CO₂ electrochemical reduction. Nanoscale, 2021, 13, 2333-2337.	5.6	35
5	Boosting CO₂ Electrochemical Reduction with Atomically Precise Surface Modification on Gold Nanoclusters. Angewandte Chemie, 2021, 133, 6421-6426.	2.0	19
6	Embedding Semantic Hierarchy in Discrete Optimal Transport for Risk Minimization. , 2021, , .		4
7	Hydrogen Evolution Electrocatalyst Design: Turning Inert Gold into Active Catalyst by Atomically Precise Nanochemistry. Journal of the American Chemical Society, 2021, 143, 11102-11108.	13.7	64
8	Understanding the Single Atom Doping Effects in Oxygen Reduction with Atomically Precise Metal Nanoclusters. Journal of Physical Chemistry C, 2021, 125, 24831-24836.	3.1	7
9	Adversarial Unsupervised Domain Adaptation with Conditional and Label Shift: Infer, Align and Iterate. , 2021, , .		34
10	Recursively Conditional Gaussian for Ordinal Unsupervised Domain Adaptation. , 2021, , .		16
11	Energy Harvesting from Breeze Wind (0.7â€“6ÂmÂs^{â^'1}) Using Ultraâ€Stretchable Triboelectric Nanogenerator. Advanced Energy Materials, 2020, 10, 2001770.	19.5	107
12	Monopalladium Substitution in Gold Nanoclusters Enhances CO₂ Electroreduction Activity and Selectivity. ACS Catalysis, 2020, 10, 12011-12016.	11.2	84
13	Importance-Aware Semantic Segmentation in Self-Driving with Discrete Wasserstein Training. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 11629-11636.	4.9	20
14	AUTO3D: Novel View Synthesis Through Unsupervisely Learned Variational Viewpoint and Global 3D Representation. Lecture Notes in Computer Science, 2020, , 52-71.	1.3	12
15	Atomically Precise Nanoclusters as Electrocatalysts. Molecular Catalysis, 2020, , 39-68.	1.3	3
16	Novel one-step in situ growth of SnO2 quantum dots on reduced graphene oxide and its application for lithium ion batteries. Journal of Solid State Chemistry, 2019, 273, 128-131.	2.9	14
17	Feature-Level Frankenstein: Eliminating Variations for Discriminative Recognition. , 2019, , .		26
18	Permutation-Invariant Feature Restructuring for Correlation-Aware Image Set-Based Recognition. , 2019, , .		19

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19	Unimodal-Uniform Constrained Wasserstein Training for Medical Diagnosis. , 2019, , .		17
20	Fusion growth patterns in atomically precise metal nanoclusters. Nanoscale, 2019, 11, 19158-19165.	5.6	37
21	Atomically Tailored Gold Nanoclusters for Catalytic Application. Angewandte Chemie, 2019, 131, 8377-8388.	2.0	59
22	Atomically Tailored Gold Nanoclusters for Catalytic Application. Angewandte Chemie - International Edition, 2019, 58, 8291-8302.	13.8	200
23	Ultrafine Ni2P nanoparticles embedded in one-dimensional carbon skeleton derived from metal-organic frameworks template as a high-performance anode for lithium ion battery. Journal of Alloys and Compounds, 2019, 775, 490-497.	5.5	21
24	Data Augmentation via Latent Space Interpolation for Image Classification. , 2018, , .		41
25	Toward the Tailoring Chemistry of Metal Nanoclusters for Enhancing Functionalities. Accounts of Chemical Research, 2018, 51, 2764-2773.	15.6	163
26	A unique intricate hollow Si nanocomposite designed for lithium storage. Journal of Alloys and Compounds, 2018, 758, 177-183.	5.5	13
27	Coreâ€“shell MoO 2 /C nanospheres embedded in bubble sheet-like carbon film as lithium ion Battery anodes. Materials Letters, 2017, 199, 139-142.	2.6	7
28	Hollow bean-pod-like SiO₂-supported-SnO₂/C nanocomposites for durable lithium and sodium storage. Journal of Materials Chemistry A, 2017, 5, 1629-1636.	10.3	44
29	Ultrafine Cobalt Phosphide Nanoparticles Embedded in Nitrogenâ€Doped Carbon Matrix as a Superior Anode Material for Lithium Ion Batteries. Advanced Materials Interfaces, 2017, 4, 1700377.	3.7	85
30	Chemical Synthesis of 3D Grapheneâ€Like Cages for Sodiumâ€Ion Batteries Applications. Advanced Energy Materials, 2017, 7, 1700797.	19.5	113
31	Novel Amorphous MoS₂/MoO₃/Nitrogen-Doped Carbon Composite with Excellent Electrochemical Performance for Lithium Ion Batteries and Sodium Ion Batteries. ACS Sustainable Chemistry and Engineering, 2017, 5, 8025-8034.	6.7	68
32	Carbon fiber cloth@VO₂ (B): excellent binder-free flexible electrodes with ultrahigh mass-loading. Journal of Materials Chemistry A, 2016, 4, 6426-6432.	10.3	58
33	Enhanced selectivity of boron doped diamond electrodes for the detection of dopamine and ascorbic acid by increasing the film thickness. Applied Surface Science, 2016, 390, 882-889.	6.1	33
34	Effects of TiO2 phase on the performance of Li4Ti5O12 anode for lithium-ion batteries. Journal of Alloys and Compounds, 2016, 689, 812-819.	5.5	36
35	Na0.33V2O5 nanosheet@graphene composites: Towards high performance cathode materials for sodium ion batteries. Materials Letters, 2016, 183, 346-350.	2.6	17
36	Yolkâ€“Shell Sn@C Eggette-like Nanostructure: Application in Lithium-Ion and Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 19438-19445.	8.0	129

#	Article	IF	Citations
37	Porous Mo2N nanobelts as a new anode material for sodium-ion batteries. Materials Letters, 2016, 172, 56-59.	2.6	40