

# Fangyuan Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

919  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying synthetic biology strategies to bioelectrochemical systems. <i>Electrochemical Science Advances</i> , 2022, 2, .	2.8	8
2	Rapid Entrapment of Phenazine Ethosulfate within a Polyelectrolyte Complex on Electrodes for Efficient NAD <sup>+</sup> Regeneration in Mediated NAD <sup>+</sup> -Dependent Bioelectrocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10942-10951.	8.0	10
3	An engineered, non-diazotrophic cyanobacterium and its application in bioelectrochemical nitrogen fixation. <i>Cell Reports Physical Science</i> , 2021, 2, 100444.	5.6	19
4	Engineering Cyanobacterium with Transmembrane Electron Transfer Ability for Bioelectrochemical Nitrogen Fixation. <i>ACS Catalysis</i> , 2021, 11, 13169-13179.	11.2	34
5	Fundamentals, Applications, and Future Directions of Bioelectrocatalysis. <i>Chemical Reviews</i> , 2020, 120, 12903-12993.	47.7	227
6	Advancing the fundamental understanding and practical applications of photo-bioelectrocatalysis. <i>Chemical Communications</i> , 2020, 56, 8553-8568.	4.1	31
7	The progress and outlook of bioelectrocatalysis for the production of chemicals, fuels and materials. <i>Nature Catalysis</i> , 2020, 3, 225-244.	34.4	190
8	Bioelectrocatalytic Conversion from N <sub>2</sub> to Chiral Amino Acids in a H <sub>2</sub> /Î±-Keto Acid Enzymatic Fuel Cell. <i>Journal of the American Chemical Society</i> , 2020, 142, 4028-4036.	13.7	49
9	Biphasic Bioelectrocatalytic Synthesis of Chiral Î²-Hydroxy Nitriles. <i>Journal of the American Chemical Society</i> , 2020, 142, 8374-8382.	13.7	39
10	Light-Controlled Generation of Singlet Oxygen within a Discrete Dual-Stage Metallacycle for Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 8943-8950.	13.7	136
11	Upgraded Bioelectrocatalytic N <sub>2</sub> Fixation: From N <sub>2</sub> to Chiral Amine Intermediates. <i>Journal of the American Chemical Society</i> , 2019, 141, 4963-4971.	13.7	63
12	In Situ Synthesized Silver Nanoclusters for Tracking the Role of Telomerase Activity in the Differentiation of Mesenchymal Stem Cells to Neural Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2051-2057.	8.0	29
13	Mitochondria-Targeted Ratiometric Fluorescent Nanosensor for Simultaneous Biosensing and Imaging of O <sub>2</sub> and pH in Live Cells. <i>Analytical Chemistry</i> , 2016, 88, 12294-12302.	6.5	74
14	An engineered thermo-sensitive nanohybrid particle for accurate temperature sensing at the single-cell level and biologically controlled thermal therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7681-7688.	5.8	10