Fangyuan Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3128386/publications.pdf

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14	919	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	1043
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fundamentals, Applications, and Future Directions of Bioelectrocatalysis. Chemical Reviews, 2020, 120, 12903-12993.	47.7	227
2	The progress and outlook of bioelectrocatalysis for the production of chemicals, fuels and materials. Nature Catalysis, 2020, 3, 225-244.	34.4	190
3	Light-Controlled Generation of Singlet Oxygen within a Discrete Dual-Stage Metallacycle for Cancer Therapy. Journal of the American Chemical Society, 2019, 141, 8943-8950.	13.7	136
4	Mitochondria-Targeted Ratiometric Fluorescent Nanosensor for Simultaneous Biosensing and Imaging of O₂^{â€¢â€“} and pH in Live Cells. Analytical Chemistry, 2016, 88, 12294-12302.	6.5	74
5	Upgraded Bioelectrocatalytic N₂ Fixation: From N₂ to Chiral Amine Intermediates. Journal of the American Chemical Society, 2019, 141, 4963-4971.	13.7	63
6	Bioelectrocatalytic Conversion from N₂ to Chiral Amino Acids in a H₂/Î±-Keto Acid Enzymatic Fuel Cell. Journal of the American Chemical Society, 2020, 142, 4028-4036.	13.7	49
7	Biphasic Bioelectrocatalytic Synthesis of Chiral Î²-Hydroxy Nitriles. Journal of the American Chemical Society, 2020, 142, 8374-8382.	13.7	39
8	Engineering Cyanobacterium with Transmembrane Electron Transfer Ability for Bioelectrochemical Nitrogen Fixation. ACS Catalysis, 2021, 11, 13169-13179.	11.2	34
9	Advancing the fundamental understanding and practical applications of photo-bioelectrocatalysis. Chemical Communications, 2020, 56, 8553-8568.	4.1	31
10	In Situ Synthesized Silver Nanoclusters for Tracking the Role of Telomerase Activity in the Differentiation of Mesenchymal Stem Cells to Neural Stem Cells. ACS Applied Materials & Interfaces, 2018, 10, 2051-2057.	8.0	29
11	An engineered, non-diazotrophic cyanobacterium and its application in bioelectrochemical nitrogen fixation. Cell Reports Physical Science, 2021, 2, 100444.	5.6	19
12	An engineered thermo-sensitive nanohybrid particle for accurate temperature sensing at the single-cell level and biologically controlled thermal therapy. Journal of Materials Chemistry B, 2016, 4, 7681-7688.	5.8	10
13	Rapid Entrapment of Phenazine Ethosulfate within a Polyelectrolyte Complex on Electrodes for Efficient NAD+ Regeneration in Mediated NAD+-Dependent Bioelectrocatalysis. ACS Applied Materials & Interfaces, 2021, 13, 10942-10951.	8.0	10
14	Applying synthetic biology strategies to bioelectrochemical systems. Electrochemical Science Advances, 2022, 2, .	2.8	8