

Yu Fangke

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,103
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost-effective electro-Fenton using modified graphite felt that dramatically enhanced on H ₂ O ₂ electro-generation without external aeration. <i>Electrochimica Acta</i> , 2015, 163, 182-189.	5.2	262
2	Heterogeneous electro-Fenton using modified iron-carbon as catalyst for 2,4-dichlorophenol degradation: Influence factors, mechanism and degradation pathway. <i>Water Research</i> , 2015, 70, 414-424.	11.3	254
3	A Novel Electro-Fenton Process with H ₂ O ₂ Generation in a Rotating Disk Reactor for Organic Pollutant Degradation. <i>Environmental Science and Technology Letters</i> , 2014, 1, 320-324.	8.7	176
4	Hydrothermal synthesis of FeS ₂ as a highly efficient heterogeneous electro-Fenton catalyst to degrade diclofenac via molecular oxygen effects for Fe(II)/Fe(III) cycle. <i>Separation and Purification Technology</i> , 2020, 248, 117022.	7.9	75
5	A cost-effective production of hydrogen peroxide via improved mass transfer of oxygen for electro-Fenton process using the vertical flow reactor. <i>Separation and Purification Technology</i> , 2020, 241, 116695.	7.9	64
6	Zeolitic imidazolate framework-8 modified active carbon fiber as an efficient cathode in electro-Fenton for tetracycline degradation. <i>Separation and Purification Technology</i> , 2020, 237, 116342.	7.9	56
7	Enhancing the yield of H ₂ O ₂ from oxygen reduction reaction performance by hierarchically porous carbon modified active carbon fiber as an effective cathode used in electro-Fenton. <i>Journal of Electroanalytical Chemistry</i> , 2019, 838, 57-65.	3.8	48
8	High yield of hydrogen peroxide on modified graphite felt electrode with nitrogen-doped porous carbon carbonized by zeolitic imidazolate framework-8 (ZIF-8) nanocrystals. <i>Environmental Pollution</i> , 2019, 255, 113119.	7.5	41
9	Preparation of transition metal composite graphite felt cathode for efficient heterogeneous electro-Fenton process. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1122-1132.	5.3	39
10	Ultrahigh yield of hydrogen peroxide and effective diclofenac degradation on a graphite felt cathode loaded with CNTs and carbon black: an electro-generation mechanism and a degradation pathway. <i>New Journal of Chemistry</i> , 2018, 42, 4485-4494.	2.8	37
11	Electrochemical catalytic mechanism of N-doped electrode for in-situ generation of OH in metal-free EAOPs to degrade organic pollutants. <i>Separation and Purification Technology</i> , 2021, 277, 119432.	7.9	20
12	Highly efficient electro-generation of H ₂ O ₂ by a nitrogen porous carbon modified carbonaceous cathode during the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2020, 44, 15942-15950.	2.8	13
13	Enhancement of H ₂ O ₂ production and AYR degradation using a synergetic effect of photo-electrocatalysis for carbon nanotube/g-C ₃ N ₄ electrodes. <i>New Journal of Chemistry</i> , 2018, 42, 16703-16708.	2.8	8
14	Enhancing the yield of H ₂ O ₂ and bisphenol A degradation via a synergistic effect of photoelectric co-catalysis by using NPC/C ₃ N ₄ electrode. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 16873-16886.	7.1	4
15	High-efficiency electro-catalytic performance of green dill biochar cathode and its application in electro-Fenton process for the degradation of pollutants. <i>New Journal of Chemistry</i> , 2021, 45, 19273-19282.	2.8	3
16	Electrochemical fabrication of polyaniline films deposited on graphene-loaded electrodes for H ₂ O ₂ production and perfluorooctanoic acid degradation. <i>Chemical Engineering Journal</i> , 2022, 450, 137914.	12.7	3