

# Huihui Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4335957/publications.pdf>

Version: 2024-02-01

13  
papers

245  
citations

1163065

8  
h-index

1372553

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g-index

13  
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13  
docs citations

13  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Nitrogen Oxides by Nanosecond Pulsed Plasma Discharges in Gas-Liquid Reactors. Plasma Chemistry and Plasma Processing, 2019, 39, 643-666.	2.4	51
2	The influence of liquid conductivity on electrical breakdown and hydrogen peroxide production in a nanosecond pulsed plasma discharge generated in a water-film plasma reactor. Journal Physics D: Applied Physics, 2019, 52, 075201.	2.8	42
3	Synergistic 1,4-dioxane removal by non-thermal plasma followed by biodegradation. Chemical Engineering Journal, 2019, 361, 519-527.	12.7	33
4	Analysis of Electrical Discharge Plasma in a Gas-Liquid Flow Reactor Using Optical Emission Spectroscopy and the Formation of Hydrogen Peroxide. Plasma Processes and Polymers, 2016, 13, 908-917.	3.0	30
5	Nanosecond pulsed plasma discharge over a flowing water film: Characterization of hydrodynamics, electrical, and plasma properties and their effect on hydrogen peroxide generation. Plasma Processes and Polymers, 2018, 15, 1800008.	3.0	24
6	The influence of carrier gas on plasma properties and hydrogen peroxide production in a nanosecond pulsed plasma discharge generated in a water-film plasma reactor. Journal Physics D: Applied Physics, 2018, 51, 094002.	2.8	20
7	Oxidized Derivatives of n-Hexane from a Water/Argon Continuous Flow Electrical Discharge Plasma Reactor. Plasma Chemistry and Plasma Processing, 2016, 36, 553-584.	2.4	15
8	Generalizing Similarity Laws for Radio-Frequency Discharge Plasmas across Nonlinear Transition Regimes. Physical Review Applied, 2021, 16, .	3.8	11
9	Direct current microplasma formation around microstructure arrays. Applied Physics Letters, 2021, 118, .	3.3	9
10	Similarity properties in capacitive radio frequency plasmas with nonlinear collision processes. Plasma Sources Science and Technology, 2021, 30, 115009.	3.1	8
11	Microplasma Formation Around a Microstructured Surface. , 2021, , .		1
12	The Influence of Liquid Conductivity on Electrical Breakdown and Hydrogen Peroxide Formation in Non-Thermal Plasma Generated in a Water Film Plasma Reactor. , 2018, , .		1
13	The Influence of Carrier Gas on Nanosecond-Pulsed Plasma Discharge Generated in a Water Film Plasma Reactor. , 2017, , .		0