

Changming Du

List of Publications by Year in descending order

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papers

776
citations

567281

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31
all docs

31
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31
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	The Applications of Plasma Gas Injection for Pollutants Treatment. IEEE Transactions on Plasma Science, 2022, 50, 1999-2009.	1.3	2
2	Thermal Plasma Treatment of Medical Waste. Plasma Chemistry and Plasma Processing, 2021, 41, 1-46.	2.4	38
3	Two-Stage Pyrolysis/Gasification and Plasma Conversion Technology for the Utilization of Solid Waste. IEEE Transactions on Plasma Science, 2021, 49, 191-213.	1.3	6
4	Plasma remediation for petroleum pollution of the sea. Waste Disposal & Sustainable Energy, 2021, 3, 73-81.	2.5	1
5	Decomposition of volatile organic compounds using gliding arc discharge plasma. Journal of the Air and Waste Management Association, 2020, 70, 138-157.	1.9	16
6	Plasma pyrolysis and gasification of carambola leaves using non-thermal arc plasma. Waste Disposal & Sustainable Energy, 2020, 2, 193-207.	2.5	4
7	Green hydrogen from bio-ethanol reforming using micro plasma. Waste Disposal & Sustainable Energy, 2020, 2, 275-289.	2.5	2
8	Thermal Plasma Treatment and Co-processing of Sludge for Utilization of Energy and Material. Energy & Fuels, 2020, 34, 7775-7805.	5.1	16
9	Decomposition of volatile organic compounds using corona discharge plasma technology. Journal of the Air and Waste Management Association, 2019, 69, 879-899.	1.9	23
10	Plasma Purification of Halogen Volatile Organic Compounds. IEEE Transactions on Plasma Science, 2018, 46, 838-858.	1.3	12
11	Scientific and Industrial Application of Plasma Fluidized Bed. Advanced Topics in Science and Technology in China, 2018, , 81-121.	0.1	3
12	Hydrodynamics of Plasma Fluidized Bed. Advanced Topics in Science and Technology in China, 2018, , 57-69.	0.1	0
13	Plasma Fluidized Bed. Advanced Topics in Science and Technology in China, 2018, , .	0.1	4
14	Study of the Process and Mechanism of the Remediation of Phenol Contaminated Soil by Plasma Vibrated Bed. Plasma Chemistry and Plasma Processing, 2017, 37, 1635-1653.	2.4	4
15	Synthesis of Syngas and Carbon Nanomaterials by Waste Rapeseed Oil Using Atmospheric Rotating Gliding Arc. Chemistry Letters, 2017, 46, 128-130.	1.3	2
16	A Portable Plasma Sterilizer. Plasma Chemistry and Plasma Processing, 2017, 37, 77-97.	2.4	2
17	Upcycling Waste Lard Oil into Vertical Graphene Sheets by Inductively Coupled Plasma Assisted Chemical Vapor Deposition. Nanomaterials, 2017, 7, 318.	4.1	20
18	Rotating Gliding Arc Assisted Water Splitting in Atmospheric Nitrogen. Plasma Chemistry and Plasma Processing, 2016, 36, 813-834.	2.4	26

#	ARTICLE	IF	CITATIONS
19	Qualitation and Quantitation on Microplasma Jet for Bacteria Inactivation. Scientific Reports, 2016, 6, 18838.	3.3	13
20	Enhanced hydrogen production by methanol decomposition using a novel rotating gliding arc discharge plasma. RSC Advances, 2016, 6, 12770-12781.	3.6	41
21	Plasma-catalysis reforming for H ₂ production from ethanol. International Journal of Hydrogen Energy, 2015, 40, 15398-15410.	7.1	23
22	Gasification of corn cob using non-thermal arc plasma. International Journal of Hydrogen Energy, 2015, 40, 12634-12649.	7.1	48
23	Renewable Hydrogen Production by Alcohols Reforming Using Plasma and Plasma-Catalytic Technologies: Challenges and Opportunities. Chemical Reviews, 2015, 115, 1503-1542.	47.7	92
24	Thermal Plasma Vitrification of MSWI Fly Ash Mixed With Different Biomass Ashes. IEEE Transactions on Plasma Science, 2014, 42, 3549-3554.	1.3	14
25	Non-Thermal Plasmas for VOCs Abatement. Plasma Chemistry and Plasma Processing, 2014, 34, 1033-1065.	2.4	130
26	Renewable hydrogen from ethanol by a miniaturized nonthermal arc plasma-catalytic reforming system. International Journal of Hydrogen Energy, 2014, 39, 9057-9069.	7.1	21
27	Cu ₂ O nanoparticles synthesis by microplasma. Scientific Reports, 2014, 4, 7339.	3.3	47
28	Degradation of PCDD/Fs in Fly Ash by Vortex-shaped Gliding Arc Plasma. Plasma Chemistry and Plasma Processing, 2013, 33, 293-305.	2.4	23
29	Hydrogen production by steam-oxidative reforming of bio-ethanol assisted by Laval nozzle arc discharge. International Journal of Hydrogen Energy, 2012, 37, 8318-8329.	7.1	67
30	Decolorization of Acid Orange 7 solution by gas-liquid gliding arc discharge plasma. Journal of Hazardous Materials, 2008, 154, 1192-1197.	12.4	69
31	Adsorption Characteristics of Cu(II) and Pb(II) Ions onto Natural Manganese Ore from Aqueous Solution. Adsorption Science and Technology, 2008, 26, 613-629.	3.2	7