

# Baojuan Dou

## List of Publications by Year in descending order

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20  
papers

527  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

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times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution behavior and active oxygen quantification of reaction mechanism on cube Cu <sub>2</sub> O for CO self-sustained catalytic combustion and chemical-looping combustion. Applied Catalysis B: Environmental, 2022, 310, 121296.	20.2	19
2	Non-equilibrium plasma enhanced oxygen vacancies of CuO/CeO <sub>2</sub> nanorod catalysts for toluene oxidation. Journal of Environmental Chemical Engineering, 2022, 10, 107847.	6.7	25
3	Transient behavior and reaction mechanism of CO catalytic ignition over a CuO@CeO <sub>2</sub> mixed oxide. Proceedings of the Combustion Institute, 2021, 38, 6493-6501.	3.9	19
4	Effects of precursor concentration on morphologies of Cu <sub>2</sub> O micro/nanocrystals and properties of CO self-sustained catalytic combustion. Fuel, 2021, 289, 119776.	6.4	10
5	Study on activity, stability limit and reaction mechanism of CO self-sustained combustion over the LaMnO <sub>3</sub> , La <sub>0.9</sub> Ce <sub>0.1</sub> MnO <sub>3</sub> and La <sub>0.9</sub> Sr <sub>0.1</sub> MnO <sub>3</sub> perovskite catalysts using sugar agent. Fuel, 2021, 292, 120289.	6.4	17
6	Alkali metal-resistant mechanism for selective catalytic reduction of nitric oxide over V <sub>2</sub> O <sub>5</sub> /HWO catalysts. Fuel, 2021, 304, 121445.	6.4	8
7	Self-sustained combustion of CO with transient changes and reaction mechanism over CuCe <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>3</sub> powder for honeycomb ceramic catalyst. Fuel, 2020, 263, 116637.	6.4	12
8	Efficient Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) Synthesis by CaSnO <sub>3</sub> via Two-Electron Water Oxidation Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 15005-15012.	6.7	31
9	Self-sustained CO Combustion Induced by CuCe <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>y</sub> Catalysts with Different Pore-forming Methods. Combustion Science and Technology, 2020, , 1-13.	2.3	1
10	Self-sustained combustion of carbon monoxide over CuCe <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>3</sub> catalyst: Stability operation and reaction mechanism. Proceedings of the Combustion Institute, 2019, 37, 5507-5515.	3.9	24
11	A facilitated synthesis of hierarchically porous Cu@Ce@Zr catalyst using bacterial cellulose for VOCs oxidation. Materials Chemistry and Physics, 2019, 237, 121852.	4.0	12
12	Catalytic self-sustained combustion of toluene and reaction pathway over Cu <sub>x</sub> Mn <sub>1-x</sub> Ce <sub>0.75</sub> Zr <sub>0.25</sub> /TiO <sub>2</sub> catalysts. Applied Catalysis A: General, 2019, 569, 66-74.	4.3	37
13	Sol-gel enhanced mesoporous Cu-Ce-Zr catalyst for toluene oxidation. Combustion Science and Technology, 2018, 190, 878-892.	2.3	5
14	Reaction mechanism and kinetics of CO oxidation over a CuO/Ce <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>2-<math>\delta</math></sub> catalyst. Applied Catalysis A: General, 2018, 565, 46-58.	4.3	55
15	Influence of Ce/Zr Ratio on the Synergistic Effect over CuCe <sub>x</sub> Zr <sub>x</sub> O <sub>y</sub> /ZSM-5 Catalysts for the Self-Sustained Combustion of Carbon Monoxide. Combustion Science and Technology, 2017, 189, 1394-1415.	2.3	9
16	Enhanced removal of toluene by dielectric barrier discharge coupling with Cu-Ce-Zr supported ZSM-5/TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> . Catalysis Communications, 2017, 92, 15-18.	3.3	33
17	Self-sustained catalytic combustion of carbon monoxide ignited by dielectric barrier discharge. Proceedings of the Combustion Institute, 2017, 36, 4193-4200.	3.9	7
18	Highly efficient catalytic removal of ethyl acetate over Ce/Zr promoted copper/ZSM-5 catalysts. Chemical Engineering Journal, 2016, 285, 536-543.	12.7	89

#	ARTICLE	IF	CITATIONS
19	Cerium doped copper/ZSM-5 catalysts used for the selective catalytic reduction of nitrogen oxide with ammonia. <i>Chemical Engineering Journal</i> , 2015, 270, 549-556.	12.7	113
20	Catalytic oxidation of high-concentration CO over La <sub>0.9</sub> M <sub>0.1</sub> CoO <sub>3</sub> (M = Ce, Sr) facilely promoted by glucose. <i>New Journal of Chemistry</i> , 0, , .	2.8	1