

# Chunghyeon Ban

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10588780/publications.pdf>

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11  
papers

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citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Catalytic hydrothermal conversion of macroalgae-derived alginate: effect of pH on production of furfural and valuable organic acids under subcritical water conditions. <i>Journal of Molecular Catalysis A</i> , 2015, 399, 106-113.	4.8	31
2	Direct catalytic conversion of brown seaweed-derived alginic acid to furfural using 12-tungstophosphoric acid catalyst in tetrahydrofuran/water co-solvent. <i>Energy Conversion and Management</i> , 2016, 118, 135-141.	9.2	24
3	Hydrothermal conversion of macroalgae-derived alginate to lactic acid catalyzed by metal oxides. <i>Catalysis Science and Technology</i> , 2016, 6, 1146-1156.	4.1	23
4	Production of furfural from macroalgae-derived alginic acid over Amberlyst-15. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 264-269.	4.8	22
5	Hydrothermal conversion of alginic acid to furfural catalyzed by Cu(II) ion. <i>Catalysis Today</i> , 2016, 265, 154-162.	4.4	18
6	Effect of Cu addition to carbon-supported Ru catalysts on hydrogenation of alginic acid into sugar alcohols. <i>Applied Catalysis A: General</i> , 2019, 578, 98-104.	4.3	14
7	Catalytic hydrogenation of alginic acid into sugar alcohols over ruthenium supported on nitrogen-doped mesoporous carbons. <i>Catalysis Today</i> , 2020, 352, 66-72.	4.4	12
8	Catalytic Conversion of Macroalgae-derived Alginate to Useful Chemicals. <i>Catalysis Surveys From Asia</i> , 2016, 20, 195-209.	2.6	9
9	Catalytic Hydrogenation of Macroalgae-Derived Alginic Acid into Sugar Alcohols. <i>ChemSusChem</i> , 2017, 10, 4891-4898.	6.8	9
10	Hydrothermal Conversion of Alginate into Uronic Acids over a Sulfonated Glucose-Derived Carbon Catalyst. <i>ChemCatChem</i> , 2017, 9, 329-337.	3.7	9
11	Catalytic Cleavage of Ether Bond in a Lignin Model Compound over Carbon-Supported Noble Metal Catalysts in Supercritical Ethanol. <i>Catalysts</i> , 2019, 9, 158.	3.5	7