

# Soo-jeong Shin

## List of Publications by Year in descending order

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45  
papers

690  
citations

567281

15  
h-index

552781

26  
g-index

45  
all docs

45  
docs citations

45  
times ranked

984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fermentation characteristics of acid hydrolysates by different neutralizing agents. International Journal of Hydrogen Energy, 2016, 41, 16365-16372.	7.1	16
2	Effect of Sugarcane Bagasse Soda-AQ Pulp Bleaching Properties by Type of Chelate Compounds and Simultaneous Process of (DQ) Stage. Journal of the Korean Wood Science and Technology, 2016, 44, 147-155.	3.0	0
3	Different response between woody core and bark of goat willow ( <i>Salix caprea</i> L.) to concentrated phosphoric acid pretreatment followed by enzymatic saccharification. Energy, 2015, 81, 21-26.	8.8	22
4	A Fundamental Study for The Possibility of Charcoal as Green Infrastructure Materials. Journal of the Korean Wood Science and Technology, 2015, 43, 691-699.	3.0	1
5	Chlorine Dioxide Bleaching Properties of Sugarcane Bagasse Pulp and Oil Palm Trunk Pulp. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 13-20.	0.4	4
6	Impact of sodium or potassium cations in culture medium to ethanol fermentation by <i>Saccharomyces cerevisiae</i> . Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 17-23.	0.4	2
7	Modification of cell wall structural carbohydrate in the hybrid poplar expressing <i>Medicago R2R3-MYB</i> transcription factor <i>MtMYB70</i> . Journal of Plant Biotechnology, 2015, 42, 93-103.	0.4	0
8	Impact of sodium or potassium concentration in glucose aqueous solution to fermentation by <i>Kluyveromyces marxianus</i> . Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 11-17.	0.4	1
9	Studies on Wood Quality and Growth of <i>Quercus rubra</i> in Korea - Anatomical Properties -. Journal of the Korean Wood Science and Technology, 2015, 43, 421-428.	3.0	2
10	Effect on Bleaching Efficiency by Chelating Treatment in Sugarcane Bagasse DEDP Bleaching Process. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 81-87.	0.4	1
11	Soda and Soda-AQ Pulp Properties from African Tulip Tree. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 85-90.	0.4	1
12	Soda Pulp Properties from Corn Stalk as Raw Material. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2015, 47, 73-80.	0.4	0
13	Investigation of Solid Energy Potential of Wood and Bark Obtained from Four Clones of a 2-Year Old Goat Willow. Frontiers in Energy Research, 2014, 2, .	2.3	5
14	The effect of hemicelluloses and lignin on acid hydrolysis of cellulose. Energy, 2014, 77, 19-24.	8.8	91
15	Exogenously applied 24-epi brassinolide reduces lignification and alters cell wall carbohydrate biosynthesis in the secondary xylem of <i>Liriodendron tulipifera</i> . Phytochemistry, 2014, 101, 40-51.	2.9	39
16	The Analysis of Inorganic Compounds and Water Solubles Ions in Paper Mill Sludges from Newspaper and Printed Paper. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2014, 46, 30-34.	0.4	3
17	Comparison of enzymatic hydrolysis characteristics of mushroom cultured waste (MCW) and Cork oak by alkali treatment. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2014, 46, 44-49.	0.4	0
18	Analysis of secondary reactions in concentrated sulfuric acid hydrolysis of holocellulose by <sup>1</sup> H-NMR spectroscopy. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2014, 46, 37-43.	0.4	1

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19	Studies on Manufacture of Mineral Water with Wood Charcoals. Journal of the Korean Wood Science and Technology, 2014, 42, 460-466.	3.0	0
20	Impact of Alkali Pretreatment to Enzymatic Hydrolysis of Cork Oak ( <i>Quercus Variabilis</i> ). Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2014, 46, 1-7.	0.4	5
21	Biobutanol production from 2-year-old willow biomass by acid hydrolysis and acetone-butanol-ethanol fermentation. Energy, 2013, 61, 13-17.	8.8	49
22	ABE production from yellow poplar through alkaline pre-hydrolysis, enzymatic saccharification, and fermentation. Biotechnology and Bioprocess Engineering, 2013, 18, 965-971.	2.6	8
23	Bioaccumulation and Physiological Response of Five Willows to Toxic Levels of Cadmium and Zinc. Soil and Sediment Contamination, 2013, 22, 241-255.	1.9	11
24	Quantitative Analysis of Reaction Products from Glucose and Xylose in Acidic Aqueous Medium by <sup>1</sup> H-NMR Spectroscopic Method. Journal of the Korean Wood Science and Technology, 2013, 41, 287-292.	3.0	3
25	Changes in Properties of Tropical Kapok Fibers by the Pretreatments. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2013, 45, 52-58-52-58.	0.4	2
26	Quantitative analysis of 5-HMF produced from fructose. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2013, 45, 27-34-27-34.	0.4	2
27	Chemical and Mechanical Properties of Yellow Poplar Pulp Produced by Formic Acid-Hydrogen Peroxide Pulping. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2013, 45, 6-12-6-12.	0.4	0
28	Conversion of Fructose to 5-HMF(5-hydroxymethylfurfural) in DMSO(dimethylsulfoxide) solvent. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2013, 45, 21-26-21-26.	0.4	0
29	Analysis of Charcoal from <i>Quercus phillyraeoides</i> . Journal of the Korean Wood Science and Technology, 2013, 41, 181-186.	3.0	1
30	Identification of Hydrophobic Components in Cambodian Kapok Fiber. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2013, 45, 30-36-30-36.	0.4	1
31	Effects of acetic and formic acid on ABE production by <i>Clostridium acetobutylicum</i> and <i>Clostridium beijerinckii</i> . Biotechnology and Bioprocess Engineering, 2012, 17, 270-275.	2.6	68
32	Characteristics of xylose and glucuronic acid at concentrated sulfuric acid hydrolysis. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2012, 44, 9-14.	0.4	3
33	Chemical modification of secondary xylem under tensile stress in the stem of <i>Liriodendron tulipifera</i> . Forest Science and Technology, 2011, 7, 53-59.	0.8	8
34	Overexpression of constitutively active <i>Arabidopsis</i> RabG3b promotes xylem development in transgenic poplars. Plant, Cell and Environment, 2011, 34, 2212-2224.	5.7	24
35	Ethanol production from acid hydrolysates based on the construction and demolition wood waste using <i>Pichia stipitis</i> . Bioresource Technology, 2011, 102, 4439-4443.	9.6	37
36	Tolerance of <i>Saccharomyces cerevisiae</i> K35 to lignocellulose-derived inhibitory compounds. Biotechnology and Bioprocess Engineering, 2011, 16, 755-760.	2.6	38

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37	Compositional changes in industrial hemp biomass ( <i>Cannabis sativa</i> L.) induced by electron beam irradiation Pretreatment. <i>Biomass and Bioenergy</i> , 2011, 35, 3267-3270.	5.7	22
38	Enhanced ethanol production from deacetylated yellow poplar acid hydrolysate by <i>Pichia stipitis</i> . <i>Bioresource Technology</i> , 2010, 101, 4947-4951.	9.6	41
39	Improving Enzymatic Saccharification of Hybrid Poplar by Electron Beam Irradiation Pretreatment. <i>Journal of Biobased Materials and Bioenergy</i> , 2010, 4, 23-26.	0.3	5
40	Improving enzymatic hydrolysis of industrial hemp ( <i>Cannabis sativa</i> L.) by electron beam irradiation. <i>Radiation Physics and Chemistry</i> , 2008, 77, 1034-1038.	2.8	47
41	Conversion factors for carbohydrate analysis by hydrolysis and <sup>1</sup> H-NMR spectroscopy. <i>Cellulose</i> , 2008, 15, 255-260.	4.9	46
42	Residual extractives in aspen kraft pulps and their impact on kappa number and Klason lignin determination. <i>Journal of Wood Science</i> , 2007, 53, 494-497.	1.9	6
43	Papermaking characteristics of three <i>Populus</i> clones grown in the north-central United States. <i>Biomass and Bioenergy</i> , 2006, 30, 803-808.	5.7	23
44	Soda Pulping of Hardwoods Catalyzed by Anthraquinone and Methyl Substituted Anthraquinones. <i>Journal of Wood Chemistry and Technology</i> , 2006, 26, 141-152.	1.7	42
45	Impact of Residual Extractives on Lignin Determination in Kraft Pulps. <i>Journal of Wood Chemistry and Technology</i> , 2005, 24, 139-151.	1.7	9