

Ken-Ichi Hatano

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

228
citations

1307594

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1058476

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docs citations

15
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318
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secreted Protein with Plant-Specific Cysteine-Rich Motif Functions as a Mannose-Binding Lectin That Exhibits Antifungal Activity. <i>Plant Physiology</i> , 2014, 166, 766-778.	4.8	83
2	Novel strategy using an adsorbent-column chromatography for effective ethanol production from sugarcane or sugar beet molasses. <i>Bioresource Technology</i> , 2009, 100, 4697-4703.	9.6	28
3	Molasses melanoidin promotes copper uptake for radish sprouts: the potential for an accelerator of phytoextraction. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17656-17663.	5.3	25
4	Separation and characterization of the colored material from sugarcane molasses. <i>Chemosphere</i> , 2008, 71, 1730-1737.	8.2	24
5	Molasses melanoidin-like products enhance phytoextraction of lead through three <i>Brassica</i> species. <i>International Journal of Phytoremediation</i> , 2018, 20, 552-559.	3.1	13
6	Structure-Function Relationship of Bromelain Isoinhibitors from Pineapple Stem. <i>Biological Chemistry</i> , 2002, 383, 1151-6.	2.5	12
7	Evaluation of nonionic adsorbent resins for removal of inhibitory compounds from corncob hydrolysate for ethanol fermentation. <i>Bioresource Technology</i> , 2013, 149, 541-545.	9.6	10
8	Nuclear Magnetic Resonance Studies on the pKa Values and Interaction of Ionizable Groups in Bromelain Inhibitor VI from Pineapple Stem. <i>Biological Chemistry</i> , 2003, 384, 93-104.	2.5	8
9	Determination of the NMR Structure of Gln25-Ribonuclease T1. <i>Biological Chemistry</i> , 2003, 384, 1173-83.	2.5	6
10	Purification and Characterization of Novel Proteinase Inhibitors from Dried Figs. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 562-567.	5.2	6
11	Characterization of the acidic and basic limbs of a bell-shaped pH profile in the inhibitory activity of bromelain inhibitor VI. <i>Biopolymers</i> , 2006, 81, 309-319.	2.4	6
12	A study on the self-assembly behavior of dark materials from molasses. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4009-4017.	5.3	5
13	Simultaneous suppression of magnetic nanoscale powder and fermented bark amendment for arsenic and cadmium uptake by radish sprouts grown in agar medium. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14483-14493.	5.3	1
14	Controlled release of molasses melanoidin-like product from hybrid organic-inorganic silica xerogels and its application to the phytoextraction of lead through the Indian mustard. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37562-37569.	5.3	1
15	Effects of ionization on chemical shifts of the surrounding protons of bromelain inhibitor VI. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2005, 81, 454-458.	3.8	0