

Kye-Won Kim

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,025
citations

933264

10
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissection of lignin macromolecular configuration and assembly: Comparison to related biochemical processes in allyl/propenyl phenol and lignan biosynthesis. <i>Natural Product Reports</i> , 2008, 25, 1015.	5.2	171
2	The laccase multigene family in <i>Arabidopsis thaliana</i> : towards addressing the mystery of their gene function(s). <i>Planta</i> , 2011, 233, 439-470.	1.6	162
3	Characterization in vitro and in vivo of the putative multigene 4-coumarate:CoA ligase network in <i>Arabidopsis</i> : syringyl lignin and sinapate/sinapyl alcohol derivative formation. <i>Phytochemistry</i> , 2005, 66, 2072-2091.	1.4	127
4	Next Generation Sequencing in Predicting Gene Function in Podophyllotoxin Biosynthesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 466-479.	1.6	102
5	Opposite Stereoselectivities of Dirigent Proteins in <i>Arabidopsis</i> and <i>Schizandra</i> Species. <i>Journal of Biological Chemistry</i> , 2012, 287, 33957-33972.	1.6	82
6	Expression of cinnamyl alcohol dehydrogenases and their putative homologues during <i>Arabidopsis thaliana</i> growth and development: Lessons for database annotations?. <i>Phytochemistry</i> , 2007, 68, 1957-1974.	1.4	81
7	Non-host disease resistance response in pea (<i>Pisum sativum</i>) pods: Biochemical function of DRR206 and phytoalexin pathway localization. <i>Phytochemistry</i> , 2015, 113, 140-148.	1.4	58
8	Trimeric Structure of (+)-Pinoresinol-forming Dirigent Protein at 1.95 Å... Resolution with Three Isolated Active Sites. <i>Journal of Biological Chemistry</i> , 2015, 290, 1308-1318.	1.6	56
9	Insights into lignin primary structure and deconstruction from <i>Arabidopsis thaliana</i> COMT (caffeic) Tj ETQq1 1 0.784314 rgBT ₄₅ /Overlo	1.5	45
10	β-Glucuronidase as Reporter Gene: Advantages and Limitations. , 2006, 323, 263-274.		28
11	Lignans (Neolignans) and Allyl/Propenyl Phenols: Biogenesis, Structural Biology, and Biological/Human Health Considerations. , 2010, , 815-928.		21
12	A peptide-based vaccine for <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Vaccine</i> , 2019, 37, 2783-2790.	1.7	15
13	Pharmacokinetics of Mycophenolic Acid after Intravenous Administration of Mycophenolate Mofetil to Healthy Cats. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1827-1832.	0.6	10
14	Urinary chemical fingerprint left behind by repeated NSAID administration: Discovery of putative biomarkers using artificial intelligence. <i>PLoS ONE</i> , 2020, 15, e0228989.	1.1	10
15	Repeated administration of the NSAID meloxicam alters the plasma and urine lipidome. <i>Scientific Reports</i> , 2019, 9, 4303.	1.6	8
16	A nano particle vector comprised of poly lactic-co-glycolic acid and monophosphoryl lipid A and recombinant <i>Mycobacterium avium</i> subsp paratuberculosis peptides stimulate a pro-immune profile in bovine macrophages. <i>Journal of Applied Microbiology</i> , 2017, 123, 54-65.	1.4	7
17	Identification of differences in the formation of plasma glycated proteins between dogs and humans under diabetes-like glucose concentration conditions. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1197-1203.	3.6	6
18	Pharmacokinetics of mycophenolic acid and its effect on CD4 + and CD8 + T cells after oral administration of mycophenolate mofetil to healthy cats. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 2020-2028.	0.6	5

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19	Understanding the effect of repeated administration of meloxicam on feline renal cortex and medulla: A lipidomics and metabolomics approach. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 476-486.	0.6	5
20	Pharmacometabolomics with a combination of PLS-DA and random forest algorithm analyses reveal meloxicam alters feline plasma metabolite profiles. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 591-601.	0.6	5
21	Pinoresinol-claricresinol reductase: Substrate versatility, enantiospecificity, and kinetic properties. <i>Chirality</i> , 2020, 32, 770-789.	1.3	5
22	In Vitro Evaluation of the Biological Responses of Canine Macrophages Challenged with PLGA Nanoparticles Containing Monophosphoryl Lipid A. <i>PLoS ONE</i> , 2016, 11, e0165477.	1.1	5
23	Simultaneous determination of mycophenolic acid and its glucuronide and glycoside derivatives in canine and feline plasma by UHPLC-UV. <i>Biomedical Chromatography</i> , 2017, 31, e3942.	0.8	4
24	Pharmacokinetics and pharmacodynamics of mycophenolic acid in healthy cats after twice-daily intravenous infusion of mycophenolate mofetil for three days. <i>American Journal of Veterinary Research</i> , 2018, 79, 1093-1099.	0.3	3
25	Investigation into the causes of aspirin resistance in healthy dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 160-170.	0.6	3
26	The effects of additive solutions on the development of storage lesions in canine platelet concentrates stored at 4°C. <i>Journal of Veterinary Emergency and Critical Care</i> , 2022, 32, 592-601.	0.4	1
27	Preliminary Evaluation of an Autologous Dendritic Cell Vaccine Using Nanoparticle Technology for the Treatment of Canine Malignant Melanoma. <i>American Journal of Biomedical and Life Sciences</i> , 2021, 9, 84.	0.2	0