

# Yong-Doo Park

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4791876/publications.pdf>

Version: 2024-02-01

59  
papers

811  
citations

471061  
17  
h-index

552369  
26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hesperetin on tyrosinase: Inhibition kinetics integrated computational simulation study. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 257-262.	3.6	90
2	Tyrosinase inhibition by isophthalic acid: Kinetics and computational simulation. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 700-704.	3.6	68
3	Inhibitory effect of hesperetin on $\alpha$ -glucosidase: Molecular dynamics simulation integrating inhibition kinetics. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 32-39.	3.6	51
4	Towards a proteomic analysis of atopic dermatitis: A two-dimensional-polyacrylamide gel electrophoresis/mass spectrometric analysis of cultured patient-derived fibroblasts. <i>Proteomics</i> , 2004, 4, 3446-3455.	1.3	45
5	Metabolic responses and arginine kinase expression of juvenile cuttlefish ( <i>Sepia pharaonis</i> ) under salinity stress. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 881-888.	3.6	33
6	Mixed-Type Inhibition of Tyrosinase from <i>Agaricus bisporus</i> by Terephthalic Acid: Computational Simulations and Kinetics. <i>Protein Journal</i> , 2011, 30, 273-280.	0.7	31
7	Inhibitory effect of raspberry ketone on $\alpha$ -glucosidase: Docking simulation integrating inhibition kinetics. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 212-218.	3.6	30
8	The inhibitory effect of pyrogallol on tyrosinase activity and structure: Integration study of inhibition kinetics with molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 463-471.	3.6	27
9	A new type of uncompetitive inhibition of tyrosinase induced by Cl <sup>-</sup> binding. <i>Biochimie</i> , 2005, 87, 931-937.	1.3	25
10	Profiling the dysregulated genes of keratinocytes in atopic dermatitis patients: cDNA microarray and interactomic analyses. <i>Journal of Dermatological Science</i> , 2009, 54, 126-129.	1.0	24
11	Two-dimensional electrophoretic profiling of atopic dermatitis in primary cultured keratinocytes from patients. <i>Proteomics</i> , 2006, 6, 1362-1370.	1.3	22
12	Inhibitory effect of pyrogallol on $\alpha$ -glucosidase: Integrating docking simulations with inhibition kinetics. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 686-693.	3.6	21
13	Detection of down-regulated acetaldehyde dehydrogenase 1 in atopic dermatitis patients by two-dimensional electrophoresis. <i>Experimental Dermatology</i> , 2007, 16, 130-134.	1.4	19
14	Effects of osmolytes on arginine kinase from <i>Euphausia superba</i> : A study on thermal denaturation and aggregation. <i>Process Biochemistry</i> , 2014, 49, 936-947.	1.8	19
15	A folding study of Antarctic krill ( <i>Euphausia superba</i> ) alkaline phosphatase using denaturants. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 266-274.	3.6	19
16	Two-dimensional electrophoresis analyses of atopic dermatitis and the chances to detect new candidate proteins by the variations in immobilized pH gradient strips. <i>Journal of Dermatological Science</i> , 2007, 47, 9-17.	1.0	17
17	Effects of osmolytes on <i>Pelodiscus sinensis</i> creatine kinase: A study on thermal denaturation and aggregation. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 277-287.	3.6	17
18	Inhibitory effect of phloroglucinol on $\alpha$ -glucosidase: Kinetics and molecular dynamics simulation integration study. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 771-779.	3.6	17

#	ARTICLE	IF	CITATIONS
19	Proteomic approaches to the analysis of atopic dermatitis and new insights from interactomics. <i>Proteomics - Clinical Applications</i> , 2008, 2, 290-300.	0.8	15
20	Purification, characterization, and unfolding studies of arginine kinase from Antarctic krill. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 426-432.	3.6	15
21	TXM13 human melanoma cells: a novel source for the inhibition kinetics of human tyrosinase and for screening whitening agents. <i>Biochemistry and Cell Biology</i> , 2006, 84, 112-116.	0.9	14
22	The effect of Zn <sup>2+</sup> on <i>Euphausia superba</i> arginine kinase: Unfolding and aggregation studies. <i>Process Biochemistry</i> , 2014, 49, 821-829.	1.8	14
23	Dysregulated genes of extrinsic type of atopic dermatitis: 34K microarray and interactomic analyses. <i>Journal of Dermatological Science</i> , 2009, 53, 146-150.	1.0	13
24	DNA microarray analyses and interactomic predictions for atopic dermatitis. <i>Journal of Dermatological Science</i> , 2009, 55, 123-125.	1.0	10
25	Thermal stable characteristics of acid- and pepsin-soluble collagens from the carapace tissue of Chinese soft-shelled turtle ( <i>Pelodiscus sinensis</i> ). <i>Tissue and Cell</i> , 2020, 67, 101424.	1.0	10
26	Combination of free-flow electrophoresis and interactomics to analyze the dysregulated proteins of fibroblasts from atopic dermatitis patients. <i>Journal of Dermatological Science</i> , 2011, 61, 148-150.	1.0	9
27	Inhibition of $\alpha$ -glucosidase by 2-thiobarbituric acid: Molecular dynamics simulation integrating parabolic noncompetitive inhibition kinetics. <i>Process Biochemistry</i> , 2018, 65, 62-70.	1.8	9
28	Kinetics for Cu <sup>2+</sup> induced <i>Sepia pharaonis</i> arginine kinase inactivation and aggregation. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 926-933.	3.6	8
29	Effect of Cd <sup>2+</sup> on tyrosinase: Integration of inhibition kinetics with computational simulation. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 836-844.	3.6	8
30	Proteomic analyses for profiling regulated proteins/enzymes by <i>Fucus vesiculosus</i> fucoidan in B16 melanoma cells: A combination of enzyme kinetics functional study. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 667-674.	3.6	8
31	Analysis of the peptides detected in atopic dermatitis and various inflammatory diseases patients-derived sera. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1052-1061.	3.6	8
32	Effects of Cu <sup>2+</sup> on alkaline phosphatase from <i>Macrobrachium rosenbergii</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 117, 116-123.	3.6	8
33	Comparative studies of the expression of creatine kinase isoforms under immune stress in <i>Pelodiscus sinensis</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 162, 11-23.	3.6	8
34	The Inhibitory Effects of Cu <sup>2+</sup> on <i>Exopalaemon carinicauda</i> Arginine Kinase via Inhibition Kinetics and Molecular Dynamics Simulations. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1217-1236.	1.4	7
35	Tyrosinase-mediated melanogenesis in melanoma cells: Array comparative genome hybridization integrating proteomics and bioinformatics studies. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 150-163.	3.6	7
36	Effect of Cysteine Modification on Creatine Kinase Aggregation. <i>Applied Biochemistry and Biotechnology</i> , 2009, 152, 15-28.	1.4	6

#	ARTICLE	IF	CITATIONS
37	Folding Studies of Arginine Kinase from <i>Euphausia superba</i> Using Denaturants. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3888-3901.	1.4	6
38	The effect of Cu <sup>2+</sup> on arginine kinase from <i>Euphausia superba</i> : A computational simulation integrating unfolding and aggregation studies. <i>Process Biochemistry</i> , 2015, 50, 395-405.	1.8	6
39	Functional study of 14-3-3 protein epsilon (YWHAE) in keratinocytes: microarray integrating bioinformatics approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2633-2649.	2.0	6
40	Computational prediction for the protein interactions of tyrosinase: Protein experimental interactome MAP. <i>Process Biochemistry</i> , 2013, 48, 638-648.	1.8	5
41	Serum proteomic analyses for probing C3 fragment protein. <i>Process Biochemistry</i> , 2016, 51, 981-988.	1.8	5
42	Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) irreversibly inactivates creatine kinase from <i>Pelodiscus sinensis</i> by targeting the active site cysteine. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1595-1601.	3.6	5
43	An OMICS-based study of the role of C3dg in keratinocytes: RNA sequencing, antibody-chip array, and bioinformatics approaches. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 391-411.	3.6	5
44	Towards creatine kinase aggregation due to the cysteine modification at the flexible active site and refolding pathway. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 439-446.	3.6	4
45	An integrated method for the detection of basic proteins in serum-derived proteomes. <i>Process Biochemistry</i> , 2016, 51, 973-980.	1.8	3
46	The omics based study for the role of superoxide dismutase 2 (SOD2) in keratinocytes: RNA sequencing, antibody-chip array and bioinformatics approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2884-2897.	2.0	3
47	Trifluoroethanol-Induced Changes in Activity and Conformation of Manganese-Containing Superoxide Dismutase. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 276-288.	1.4	2
48	Inhibitory effect of $\alpha$ -ketoglutaric acid on $\alpha$ -glucosidase: integrating molecular dynamics simulation and inhibition kinetics. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3496-3503.	2.0	2
49	Functional study of acetaldehyde dehydrogenase 1 (ALDH1) in keratinocytes: microarray integrating bioinformatics approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2133-2151.	2.0	2
50	An RNA interference based study for the role of ALDH1 in keratinocytes: DNA microarray, antibody-chip array and bioinformatics approaches. <i>Process Biochemistry</i> , 2014, 49, 1612-1621.	1.8	1
51	Are Podoplanin Gene Polymorphisms Associated with Atopic Dermatitis in Koreans?. <i>Annals of Dermatology</i> , 2015, 27, 275.	0.3	1
52	Seasonal expression of cytoplasmic creatine kinase in the epididymal epithelium of <i>Pelodiscus sinensis</i> . <i>Biotechnic and Histochemistry</i> , 2022, 97, 21-29.	0.7	1
53	A strategy to improve the efficiency of spermatogenesis during the breeding seasons of <i>Pelodiscus sinensis</i> . <i>Journal of the World Aquaculture Society</i> , 0, , .	1.2	1
54	Characterization and tissue expression analysis of mitochondrial creatine kinases (types I and II) from <i>Pelodiscus sinensis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 1388-1402.	2.0	1

#	ARTICLE	IF	CITATIONS
55	A computational integrating kinetic study on the flexible active site of human acetaldehyde dehydrogenase 1. <i>Process Biochemistry</i> , 2016, 51, 725-733.	1.8	0
56	Integration of Inhibition Kinetics and Molecular Dynamics Simulations: A Urea-Mediated Folding Study on Acetaldehyde Dehydrogenase 1. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 1101-1114.	1.4	0
57	Effects of osmolytes on the refolding of recombinant <i>Pelodiscus sinensis</i> brain-type creatine kinase. <i>Process Biochemistry</i> , 2018, 68, 83-92.	1.8	0
58	Screening and analysis of agouti signaling protein interaction partners in <i>Pelodiscus sinensis</i> suggests a role in lipid metabolism. <i>International Journal of Biological Macromolecules</i> , 2020, 157, 695-705.	3.6	0
59	A Knock-Down Cell-Based Study for the Functional Analysis of Chloride Intracellular Channel 1 (CLIC1): Integrated Proteomics and Microarray Study. <i>Protein and Peptide Letters</i> , 2021, 28, 84-100.	0.4	0