

Hamid Reza Kalhor

List of Publications by Year in descending order

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29
papers

1,191
citations

471509

17
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of human immunodeficiency virus type 1 reverse transcription in blood mononuclear phagocytes are slowed by limitations of nucleotide precursors. <i>Journal of Virology</i> , 1994, 68, 1258-1263.	3.4	161
2	Protein fibrillation and nanoparticle interactions: opportunities and challenges. <i>Nanoscale</i> , 2013, 5, 2570.	5.6	153
3	Novel Methyltransferase for Modified Uridine Residues at the Wobble Position of tRNA. <i>Molecular and Cellular Biology</i> , 2003, 23, 9283-9292.	2.3	149
4	Cell "evision" complementary factor of protein corona in nanotoxicology. <i>Nanoscale</i> , 2012, 4, 5461.	5.6	143
5	Sulfonic Acid Functionalized Ionic Liquid in Combinatorial Approach, a Recyclable and Water Tolerant-Acidic Catalyst for One-Pot Friedlander Quinoline Synthesis. <i>ACS Combinatorial Science</i> , 2010, 12, 137-140.	3.3	105
6	Inhibition of Amyloid Formation by Ionic Liquids: Ionic Liquids Affecting Intermediate Oligomers. <i>Biomacromolecules</i> , 2009, 10, 2468-2475.	5.4	78
7	Antitumor effect of therapeutic HPV DNA vaccines with chitosan-based nanodelivery systems. <i>Journal of Biomedical Science</i> , 2014, 21, 69.	7.0	47
8	A Highly Conserved 3-Methylhistidine Modification Is Absent in Yeast Actin. <i>Archives of Biochemistry and Biophysics</i> , 1999, 370, 105-111.	3.0	40
9	A novel methyltransferase required for the formation of the hypermodified nucleoside wybutosine in eucaryotic tRNA. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 433-440.	2.1	38
10	Covalent hybridization of CNT by thymine and uracil: A computational study. <i>Journal of Molecular Modeling</i> , 2011, 17, 695-699.	1.8	38
11	A simple label-free electrochemical DNA biosensor based on carbon nanotube-DNA interaction. <i>RSC Advances</i> , 2016, 6, 15592-15598.	3.6	30
12	Protein Phosphatase Methyltransferase 1 (Ppm1p) Is the Sole Activity Responsible for Modification of the Major Forms of Protein Phosphatase 2A in Yeast. <i>Archives of Biochemistry and Biophysics</i> , 2001, 395, 239-245.	3.0	29
13	A continuous flow microfluidic device based on contactless dielectrophoresis for bioparticles enrichment. <i>Electrophoresis</i> , 2018, 39, 445-455.	2.4	20
14	Self-Assembly of Tissue Transglutaminase into Amyloid-Like Fibrils Using Physiological Concentration of Ca ²⁺ . <i>Langmuir</i> , 2011, 27, 10776-10784.	3.5	18
15	Investigating the effects of amino acid-based surface modification of carbon nanoparticles on the kinetics of insulin amyloid formation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 471-479.	5.0	18
16	A plausible anti-apoptotic role of up-regulated OCT4B1 in bladder tumors. <i>Urology Journal</i> , 2012, 9, 574-80.	0.4	18
17	Identification of an aspidospermine derivative from borage extract as an anti-amyloid compound: A possible link between protein aggregation and antimalarial drugs. <i>Phytochemistry</i> , 2017, 140, 134-140.	2.9	17
18	Functional analyses of recombinant mouse hepcidin-1 in cell culture and animal model. <i>Biotechnology Letters</i> , 2013, 35, 1191-1197.	2.2	15

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19	Inhibition Mechanisms of a Pyridazine-Based Amyloid Inhibitor: As a β -Sheet Destabilizer and a Helix Bridge Maker. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7633-7645.	2.6	14
20	Enzyme-Inspired Lysine-Modified Carbon Quantum Dots Performing Carbonylation Using Urea and a Cascade Reaction for Synthesizing 2-Benzoxazolinone. <i>ACS Catalysis</i> , 2021, 11, 10778-10788.	11.2	10
21	Enrichment of A Rare Subpopulation of miR-302-Expressing Glioma Cells by Serum Deprivation. <i>Cell Journal</i> , 2015, 16, 494-505.	0.2	10
22	Synthesis and Structure Activity Relationship of Pyridazine-Based Inhibitors for Elucidating the Mechanism of Amyloid Inhibition. <i>Chemical Research in Toxicology</i> , 2018, 31, 1092-1104.	3.3	9
23	Probe into the Molecular Mechanism of Ibuprofen Interaction with Warfarin Bound to Human Serum Albumin in Comparison to Ascorbic and Salicylic Acids: Allosteric Inhibition of Anticoagulant Release. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4045-4057.	5.4	9
24	Producing functional recombinant human keratinocyte growth factor in <i>Pichia pastoris</i> and investigating its protective role against irradiation. <i>Enzyme and Microbial Technology</i> , 2018, 111, 12-20.	3.2	8
25	Investigating Reliable Conditions for HEWL as an Amyloid Model in Computational Studies and Drug Interactions. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 5218-5229.	5.4	8
26	Expression of Functional Recombinant Human Tissue Transglutaminase (TG2) Using the Bac-to-Bac Baculovirus Expression System. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 49-56.	1.4	3
27	Production of a soluble and functional recombinant apolipoproteinD in the <i>Pichia pastoris</i> expression system. <i>Protein Expression and Purification</i> , 2016, 121, 157-162.	1.3	1
28	Conversion of 3,6-Dimethylfluorescein to Fluorescein-Based Xanthylium Derivative: Characterization and Covalent Attachment to Bovine Serum Albumin. <i>ChemistrySelect</i> , 2019, 4, 10681-10687.	1.5	1
29	Amyloid fibril reduction through covalently modified lysine in HEWL and insulin. <i>Archives of Biochemistry and Biophysics</i> , 2022, 727, 109350.	3.0	1