

# Hamid Reza Kalhor

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Amyloid fibril reduction through covalently modified lysine in HEWL and insulin. Archives of Biochemistry and Biophysics, 2022, 727, 109350.	3.0	1
2	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. Journal of Chemical Information and Modeling, 2021, 61, 4045-4057.	5.4	9
3	Enzyme-Inspired Lysine-Modified Carbon Quantum Dots Performing Carbonylation Using Urea and a Cascade Reaction for Synthesizing 2-Benzoxazolinone. ACS Catalysis, 2021, 11, 10778-10788.	11.2	10
4	Conversion of 3,6-Dimethylfluorescein to Fluorescein-Based Xanthylium Derivative: Characterization and Covalent Attachment to Bovine Serum Albumin. ChemistrySelect, 2019, 4, 10681-10687.	1.5	1
5	Investigating the effects of amino acid-based surface modification of carbon nanoparticles on the kinetics of insulin amyloid formation. Colloids and Surfaces B: Biointerfaces, 2019, 176, 471-479.	5.0	18
6	Investigating Reliable Conditions for HEWL as an Amyloid Model in Computational Studies and Drug Interactions. Journal of Chemical Information and Modeling, 2019, 59, 5218-5229.	5.4	8
7	Producing functional recombinant human keratinocyte growth factor in Pichia pastoris and investigating its protective role against irradiation. Enzyme and Microbial Technology, 2018, 111, 12-20.	3.2	8
8	A continuous flow microfluidic device based on contactless dielectrophoresis for bioparticles enrichment. Electrophoresis, 2018, 39, 445-455.	2.4	20
9	Synthesis and Structure Activity Relationship of Pyridazine-Based Inhibitors for Elucidating the Mechanism of Amyloid Inhibition. Chemical Research in Toxicology, 2018, 31, 1092-1104.	3.3	9
10	Identification of an aspidospermine derivative from borage extract as an anti-amyloid compound: A possible link between protein aggregation and antimalarial drugs. Phytochemistry, 2017, 140, 134-140.	2.9	17
11	Inhibition Mechanisms of a Pyridazine-Based Amyloid Inhibitor: As a $\beta$ -Sheet Destabilizer and a Helix Bridge Maker. Journal of Physical Chemistry B, 2017, 121, 7633-7645.	2.6	14
12	A simple label-free electrochemical DNA biosensor based on carbon nanotube-DNA interaction. RSC Advances, 2016, 6, 15592-15598.	3.6	30
13	Production of a soluble and functional recombinant apolipoproteinD in the Pichia pastoris expression system. Protein Expression and Purification, 2016, 121, 157-162.	1.3	1
14	Expression of Functional Recombinant Human Tissue Transglutaminase (TG2) Using the Bac-to-Bac Baculovirus Expression System. Advanced Pharmaceutical Bulletin, 2016, 6, 49-56.	1.4	3
15	Enrichment of A Rare Subpopulation of miR-302-Expressing Glioma Cells by Serum Deprivation. Cell Journal, 2015, 16, 494-505.	0.2	10
16	Antitumor effect of therapeutic HPV DNA vaccines with chitosan-based nanodelivery systems. Journal of Biomedical Science, 2014, 21, 69.	7.0	47
17	Functional analyses of recombinant mouse hepcidin-1 in cell culture and animal model. Biotechnology Letters, 2013, 35, 1191-1197.	2.2	15
18	Protein fibrillation and nanoparticle interactions: opportunities and challenges. Nanoscale, 2013, 5, 2570.	5.6	153

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19	Cell "œvision" complementary factor of protein corona in nanotoxicology. <i>Nanoscale</i> , 2012, 4, 5461.	5.6	143
20	A plausible anti-apoptotic role of up-regulated OCT4B1 in bladder tumors. <i>Urology Journal</i> , 2012, 9, 574-80.	0.4	18
21	Self-Assembly of Tissue Transglutaminase into Amyloid-Like Fibrils Using Physiological Concentration of Ca <sup>2+</sup> . <i>Langmuir</i> , 2011, 27, 10776-10784.	3.5	18
22	Covalent hybridization of CNT by thymine and uracil: A computational study. <i>Journal of Molecular Modeling</i> , 2011, 17, 695-699.	1.8	38
23	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
24	Inhibition of Amyloid Formation by Ionic Liquids: Ionic Liquids Affecting Intermediate Oligomers. <i>Biomacromolecules</i> , 2009, 10, 2468-2475.	5.4	78
25	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
26	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
27	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
28	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
29	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