

# Fariborz Momenbeik

## List of Publications by Year in descending order

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27  
papers

684  
citations

567144

15  
h-index

552653

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for linalool production. <i>Biotechnology Letters</i> , 2016, 38, 503-508.	1.1	61
2	Conversion of Isoeugenol to Vanillin by <i>Psychrobacter</i> sp. Strain CSW4. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1-12.	1.4	60
3	Effect of Plant Oils upon Lipase and Citric Acid Production in <i>Yarrowia lipolytica</i> Yeast. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-7.	3.0	58
4	Clay-catalyzed synthesis of 5-substituted 1H-tetrazoles. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 913-922.	1.4	56
5	Simultaneous microemulsion liquid chromatographic analysis of fat-soluble vitamins in pharmaceutical formulations: Optimization using genetic algorithm. <i>Journal of Chromatography A</i> , 2010, 1217, 3770-3773.	1.8	48
6	Performance evaluation of an Anaerobic Migrating Blanket Reactor in the biodegradation of perchloroethylene from industrial wastewaters. <i>International Journal of Environmental Health Engineering</i> , 2012, 1, 1.	0.4	42
7	<i>Pseudomonas resinovorans</i> SPR1, a newly isolated strain with potential of transforming eugenol to vanillin and vanillic acid. <i>New Biotechnology</i> , 2011, 28, 656-664.	2.4	35
8	DNA and HSA interaction of Vanadium (IV), Copper (II), and Zinc (II) complexes derived from an asymmetric bidentate Schiff-base ligand: multi spectroscopic, viscosity measurements, molecular docking, and ONIOM studies. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 181-192.	1.1	34
9	Separation and determination of Vitamins E and A in multivitamin syrup using micellar liquid chromatography and simplex optimization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 383-387.	1.4	32
10	Simultaneous micellar liquid chromatographic analysis of seven water-soluble vitamins: optimization using super-modified simplex. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 439-444.	1.9	27
11	<i>Candida galli</i> Strain PGO6: A Novel Isolated Yeast Strain Capable of Transformation of Isoeugenol into Vanillin and Vanillic Acid. <i>Current Microbiology</i> , 2011, 62, 990-998.	1.0	27
12	Catalytic conversion of glucose to 5-hydroxymethylfurfural (HMF) using nano-POM/nano-ZrO <sub>2</sub> /nano- $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 49, 40-50.	2.7	25
13	Biomass valorization: Sulfated lignin-catalyzed production of 5-hydroxymethylfurfural from fructose. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 59-64.	3.6	22
14	Toluene Removal from Sandy Soils via In Situ Technologies with an Emphasis on Factors Influencing Soil Vapor Extraction. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	19
15	Polystyrene immobilized Brønsted acid ionic liquid as an efficient and recyclable catalyst for the synthesis of 5-hydroxymethylfurfural from fructose. <i>Journal of Molecular Liquids</i> , 2022, 345, 117811.	2.3	19
16	Sensitive determination of carbohydrates labelled with p-nitroaniline by capillary electrophoresis with photometric detection using a 406 nm light-emitting diode. <i>Electrophoresis</i> , 2006, 27, 4039-4046.	1.3	18
17	Density functional theory study of intermolecular interactions of cyclic tetrazole dimers. <i>Computational and Theoretical Chemistry</i> , 2008, 867, 78-84.	1.5	16
18	Separation and determination of sugars by reversed-phase high-performance liquid chromatography after pre-column microwave-assisted derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 844-850.	1.9	12

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19	Optimization of media composition for improving conversion of isoeugenol into vanillin with <i>Pseudomonas</i> sp. strain KOB10 using the Taguchi method. <i>Biocatalysis and Biotransformation</i> , 2010, 28, 339-347.	1.1	12
20	Novel strain of <i>Bacillus licheniformis</i> SHL1 with potential converting ferulic acid into vanillic acid. <i>Annals of Microbiology</i> , 2012, 62, 553-558.	1.1	11
21	Application of <i>Glycyrrhiza glabra</i> Root as a Novel Adsorbent in the Removal of Toluene Vapors: Equilibrium, Kinetic, and Thermodynamic Study. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-7.	0.4	9
22	Separation of B6 Vitamers with Micellar Liquid Chromatography Using UV and Electrochemical Detection. <i>Annali Di Chimica</i> , 2004, 94, 857-866.	0.6	8
23	Application of Methyl Silane Coated Iron Oxide Magnetic Nanoparticles for Solid-Phase Extraction and Determination of Fat-Soluble Vitamins by High Performance Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 336-344.	0.7	8
24	Selective Detection of Dopamine in the Presence of Ascorbic and Uric Acids through its Covalent Immobilization on Gold Mercaptopropionic Acid Self-Assembled Monolayer. <i>Electroanalysis</i> , 2017, 29, 272-279.	1.5	8
25	Soil remediation via bioventing, vapor extraction and transition regime between vapor extraction and bioventing. <i>International Journal of Environmental Health Engineering</i> , 2014, 3, 1.	0.4	8
26	A new approach in deep desulfurization of model fuel through integration of electrochemical oxidation and liquid-liquid extraction in a biphasic system. <i>Separation and Purification Technology</i> , 2021, 275, 119087.	3.9	5
27	Optimization of Fat-Soluble Vitamins Separations by Reversed-Phase Liquid Chromatography with the Use of Aliphatic Alcohols as Mobile Phase Additives. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1355-1360.	0.5	4