

# Mahdi Hajimohammadi

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

311  
citations

1162889

8  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Al-HMS-20 catalyzed synthesis of pyrano[2,3-d]pyrimidines and pyrido[2,3-d]pyrimidines via three-component reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 1343-1350.	1.3	80
2	A new and efficient aerobic oxidation of aldehydes to carboxylic acids with singlet oxygen in the presence of porphyrin sensitizers and visible light. <i>Tetrahedron Letters</i> , 2010, 51, 4061-4065.	0.7	62
3	Highly selective, economical and efficient oxidation of alcohols to aldehydes and ketones by air and sunlight or visible light in the presence of porphyrins sensitizers. <i>Green Chemistry</i> , 2011, 13, 991.	4.6	55
4	Photooxygenation of alkenes by molecular oxygen in the presence of porphyrins and chlorin sensitizers under visible light irradiation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 639-645.	0.4	21
5	Controlled multistep oxidation of alcohols and aldehydes to carboxylic acids using air, sunlight and a robust metalloporphyrin sensitizer with a pH-switchable photoreactivity. <i>RSC Advances</i> , 2012, 2, 3257.	1.7	21
6	Highly efficient conversion of aldehydes to carboxylic acid in the presence of platinum porphyrin sensitizers, air and sunlight. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 93-100.	0.4	19
7	Highly efficient, green and solvent-free photooxygenation of alkenes by air and visible light or sunlight in the presence of porphyrin sensitizers. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 629-640.	0.8	11
8	Selective photocatalytic oxidation of alcohols to corresponding aldehydes in solvent-free conditions using porphyrin sensitizers. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1069-1076.	1.2	10
9	Efficient photocatalytic oxygenation of alkenes by water soluble sensitizer in organic-water biphasic media. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 670-676.	0.4	6
10	Cobalt (II) Phthalocyanine Sulfonate Supported on Reduced Graphene Oxide (RGO) as a Recyclable Photocatalyst for the Oxidation of Aldehydes to Carboxylic Acids. <i>Catalysis Letters</i> , 2021, 151, 36-44.	1.4	6
11	Suppressing Effect of 2-Nitrobenzaldehyde on Singlet Oxygen Generation, Fatty Acid Photooxidation, and Dye-Sensitizer Degradation. <i>Antioxidants</i> , 2018, 7, 194.	2.2	5
12	Selective photocatalytic epoxidation of cyclooctene by molecular oxygen in the presence of porphyrin sensitizers. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2009, 99, 243.	0.8	4
13	Scavenging effect of pasipay ( <i>passiflora incarnate</i> L.) on singlet oxygen generation and fatty acid photooxygenation. <i>Food Science and Nutrition</i> , 2018, 6, 1670-1675.	1.5	4
14	Efficient aerobic photooxygenation of aldehydes to carboxylic acids using cobalt(II) phthalocyanine sulfonate as a photosensitizer in organic-water biphasic media. <i>Transition Metal Chemistry</i> , 2019, 44, 167-173.	0.7	3
15	Selective conversion of aldehydes to carboxylic acids by hemoglobin and air. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 679-685.	0.4	2
16	Evaluation of Singlet Oxygen Scavenging Capacity of Peppermint ( <i>Mentha Piperita</i> L.), Marjoram ( <i>Origanum Majorana</i> L.), Rosemary ( <i>Rosmarinus Officinalis</i> L.) And Sage ( <i>Salvia Officinalis</i> L.) on Fatty Acid Photooxidation. <i>Journal of Food Nutrition and Metabolism</i> , 2019, , 1-5.	0.2	0