

# Mahdi Hajimohammadi

## List of Publications by Citations

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15  
papers

246  
citations

7  
h-index

15  
g-index

19  
ext. papers

285  
ext. citations

2.7  
avg, IF

3.18  
L-index

#	Paper	IF	Citations
15	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> , <b>2015</b> , 41, 1343-1350	2.8	64
14	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> , <b>2011</b> , 13, 991	10	49
13	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> , <b>2010</b> , 51, 4061-4065	2	44
12	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> , <b>2012</b> , 2, 3257	3.7	21
11	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> , <b>2010</b> , 14, 639-645	1.8	18
10	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> , <b>2012</b> , 16, 93-100	1.8	13
9	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> , <b>2014</b> , 113, 629-640	1.6	11
8	Efficient photocatalytic oxygenation of alkenes by water soluble sensitizer in organic-water biphasic media. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 670-676	1.8	6
7	Selective photocatalytic oxidation of alcohols to corresponding aldehydes in solvent-free conditions using porphyrin sensitizers. <i>Journal of the Iranian Chemical Society</i> , <b>2016</b> , 13, 1069-1076	2	5
6	Selective photocatalytic epoxidation of cyclooctene by molecular oxygen in the presence of porphyrin sensitizers. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2009</b> , 99, 243	1.6	4
5	Selective conversion of aldehydes to carboxylic acids by hemoglobin and air. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2018</b> , 22, 679-685	1.8	2
4	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> , <b>2019</b> , 44, 167-173	2.1	2
3	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> , <b>2021</b> , 151, 36-44	2.8	2
2	Suppressing Effect of 2-Nitrobenzaldehyde on Singlet Oxygen Generation, Fatty Acid Photooxidation, and Dye-Sensitizer Degradation. <i>Antioxidants</i> , <b>2018</b> , 7,	7.1	2
1	Scavenging effect of pasipay (L.) on singlet oxygen generation and fatty acid photooxygenation. <i>Food Science and Nutrition</i> , <b>2018</b> , 6, 1670-1675	3.2	1