

Mahdi Hajimohammadi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 | 2.8 | 2 |
| 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 | 2.1 | 2 |
| 13 | Scavenging effect of pasipay (L.) on singlet oxygen generation and fatty acid photooxygenation. <i>Food Science and Nutrition</i> , 2018 , 6, 1670-1675 | 3.2 | 1 |
| 12 | Selective conversion of aldehydes to carboxylic acids by hemoglobin and air. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 679-685 | 1.8 | 2 |
| 11 | Suppressing Effect of 2-Nitrobenzaldehyde on Singlet Oxygen Generation, Fatty Acid Photooxidation, and Dye-Sensitizer Degradation. <i>Antioxidants</i> , 2018 , 7, | 7.1 | 2 |
| 10 | 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 | 2 | 5 |
| 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 | 1.8 | 6 |
| 8 | 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 | 2.8 | 64 |
| 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 | 1.6 | 11 |
| 6 | 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 | 3.7 | 21 |
| 5 | 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 | 1.8 | 13 |
| 4 | 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 | 10 | 49 |
| 3 | 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 | 1.8 | 18 |
| 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 | 2 | 44 |
| 1 | Selective photocatalytic epoxidation of cyclooctene by molecular oxygen in the presence of porphyrin sensitizers. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2009 , 99, 243 | 1.6 | 4 |