



# Saeed Zakavi

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## Publications

### Journals

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- Khaledian, Arash; Zakavi, Saeed, "Porphyrin photosensitizers compatible with both aqueous and non-aqueous conditions: Acid dependent spectral, solubility and photocatalytic properties of meso-tetra(pyridyl)porphyrins", *Inorganic Chemistry Communications*, Vol. 167, NO. 1, pp. 112727-112737, 6, 2024, doi: <https://doi.org/10.1016/j.inoche.2024.112727>
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- Issa Sardivand-chegini, Saeed Zakavi,\* and Mohammad Ali Rezvani, "Periodate-Mediated Aerobic Oxidation of Sulfides over a Bifunctional Porphyrin-polyoxometalate Catalyst: Photosensitized Singlet Oxygen Oxidation of Iodate to Periodate", *Inorganic Chemistry*, Vol. 62, NO. 33, pp. 13387-13399, 8, 2023, doi: <https://doi.org/10.1021/acs.inorgchem.3c01740>
- Saeed Zakavi, Narges Nazari, Issa Sardivand-chegini, Farzaneh Qodrati-nasrabadi, "A porphyrin derivative with highly red shifted and intensified absorption bands immobilized into the mesopores of nanostructured amberlite: Synthesis,



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<https://doi.org/10.1016/j.jphotochem.2023.114751>

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- Ali Mohammadi, Saeed Zakavi, Hamid Rashidzadeh, Neda Adibpour, Jaleh Karimi Moghadam, Behrooz Johari, Hossein Danafar, "The fabrication of albumin- Tetraphenylporphyrin -metronidazole nanosystem as potential photosensitizers/radiosensitizers for radiation-induced cancer therapy", Inorganic Chemistry Communications, Vol. 153, NO. 1, pp. 110841-110848, 5, 2023, doi: <https://doi.org/10.1016/j.inoche.2023.110841>
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- Mostafa Malek-mohammadi, Akram Heydari-turkmani, Saeed Zakavi, Nasser Nikfarjam, "Manganese porphyrins/mesoporous amberlyst 15 nanocomposites: Robust biomimetic catalysts for aqueous oxidation of olefins", Applied Organometallic Chemistry, 10, 2022, doi: <https://doi.org/10.1002/aoc.6927>  
[10990739, 0, Downloaded from https://onlinelibrary.wiley.com/doi/10.1002/aoc.6927 by Kwame Nkrumah Univ of Sci & Te, Wiley Online Library on \[25/10/2022\]. See the Term](https://doi.org/10.1002/aoc.6927)
- Fozeieh Nami, Aida G. Mojarrad, Saeed Zakavi , "Short time



biomimetic oxidation of styrene with aqueous hydrogen peroxide: Crucial roles played by acetic acid", *Polyhedron*, Vol. 207, 10, 2021, doi: <https://doi.org/10.1016/j.poly.2021.115377>

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