

# Saeed Zakavi

#### **Professor**

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## **Publications**

#### **Journals**

- Farzaneh Qodrati-nasrabadi, Saeed Zakavi, "Core-substituted meso-tetraphenylporphyrin derivatives anchored to anatase nanoparticles with carboxylic acid as new water stable nonplanar porphyrin photosensitizers: Mono para-substituted porphyrin vs. the tetra-substituted counterpart", Inorganic Chemistry Communications, Vol. 174, NO. 1, pp. 114039-114051, 4, 2025, doi: https://doi.org/10.1016/j.inoche.2025.114039
- · Houshang Jalilian, Issa Sardivand-chegini, Farzaneh Qodratinasrabadi, Saeed Zakavi\*, "Photocatalytic activity of mesotetra(alkyl)- vs. meso-tetra(aryl)porphyrins: Comparison of the free base and diprotonated porphyrins", Journal of Molecular Structure, pp. 143623-143630, 8, 2025, doi: https://doi.org/10.1016/j.molstruc.2025.143623
- · Nasrin Ghanbari, Saeed Zakavi, "Photosensitizing activity of phthalocyanine derivatives dispersed on nanostructured amberlyst 15: Free base vs. metal complexes", Dyes and Pigments, Vol. 224, NO. 1, pp. 111999-112010, 3, 2024, doi: https://doi.org/10.1016/j.dvepig.2024.111999
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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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