

Polydopamine (PDA), a synthetic melanin, has recently emerged as a photoreactive material, contrasting with its conventional role in photoprotection. Especially, its photochemical reactivity ...

Photophysical and photochemical properties of the MSNDs In the UV-vis absorption spectrum, a typical absorption peak at ~ 585 nm corresponding to the bis-coordination of the DOPA-Fe<sup>3+</sup> ...

Synthetic organic chemists have developed a variety of ways to generate quinone methides, including photochemical generation, which is usually seen as a promising way of generating ...

Nearly all photochemical transformations known to date follow Kasha's rule, implying that reactions occur only from the lowest electronically excited state of a given spin multiplicity due ...

?? Photophysical and electrochemical properties of a dysprosium-zinc tetra (4-sulfonatophenyl)porphyrin complex ?-??(4-???)????????????????? ...

This study presents a comprehensive theoretical investigation into the photophysical and electrochemical properties of substituted cobalt bipyridine complexes, evaluated as potential ...

Photochemical Properties Beyond the unique photophysical properties of the unquenched monomeric Sn in the solid state and in dilute solution, we studied the self-quenching of Sn and ...

Abstract Quantum dots (QDs) have gained significant attention due to their unique photophysical and photochemical properties, demonstrating promising potential for diverse photocatalytic ...



# Photochemical and photophysical

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