

A comparison of photo degradation Capability of Anisotropic systems with similar systems found in Literature

Catalyst/ concentration	Shape	Dye	Degradation time (Min.)	References
AgNPs/30 mL mL ⁻¹	Spherical	MB	9	1
AgNPs	Spherical	MB	20	2
AgNPs	Spherical	MB	12	3
AgNPs/0.03 mg mL ⁻¹	Spherical	MB	5.5	4
AgNPs	Spherical	MB	3	5
AgNPs/10–100 mg mL ⁻¹	Spherical	MB	8	6
AgNPs/79.78 mL	Spherical	MB	60	7
Fe ₃ O ₄ @PDA–Ag 5 mg mL ⁻¹	Spherical	MB	22	8
Fe ₃ O ₄ @Ag/1.6 mg mL ⁻¹	Core shell	MB	6	9
Ag–Fe ₃ O ₄ @ C core–shell NCs/-	Spherical	MB	6	10
Ag-NSs/0.001 mg mL ⁻¹	Nano shell	MB	100(s)	11
Silver (1mM/25ml)	Nano sphere colloid	MB	480	Present work
	Quasi spherical		320	
	Elliptical		280	
	Rod		220	
	Hexagonal		110	
	Prism		20	

References

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