

The 4.5 ± 0.5 Soft Gamma Repeaters in Review

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Four soft gamma repeaters have now been identified with certainty, and a fifth has possibly been detected. I will review their X-ray and gamma-ray properties in both outburst and quiescence. The magnetar model accounts fairly well for the observations of SGR1806-20 and SGR1900+14, but data are still lacking or ambiguous for SGR1627-41 and SGR0525-66. The locations of the SGRs with respect to their supernova remnants suggests that they are high velocity objects.