List of Publications
Vassiliki (Vicky) Kalogera

[h-indices from NASA ADS system: 71 (34,100+ citations) without and 97 (50,500+ citations) with the “Other LIGO Scientific Collaboration publications”, respectively]

Before 1998:


3. A Strongly Magnetic Neutron Star in a Face-On Binary System

4. The Maximum Mass of a Neutron Star

5. Orbital Characteristics of Binary Systems after Asymmetric Supernova Explosions

6. A New Mechanism for the Formation of LMXBs: Direct Supernova

7. Double Neutron Star Systems and Natal Neutron Star Kicks


In 1998:


11. Supernova Kicks, Magnetic Braking, and Neutron-Star Binaries


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In 1999:

14. • Donor Stars in Black-Hole X-Ray Binaries

15. Coalescence Rates of Double Neutron Stars

16. • Formation of the Observed Double Neutron Star Systems

In 2000:

17. • Bounds on Neutron-Star Moments of Inertia and the Evidence for General Relativistic Frame Dragging

18. Close Binaries with Two Compact Objects

19. Compact Binary Mergers and Accretion-Induced Collapse: Event Rates

20. • Constraints on Supernova Kicks from the Double Neutron Star System PSR B1913+16

21. • An Upper Limit on the Coalescence Rate of Double Neutron-Star Binaries in the Galaxy

22. • Spin-Orbit Misalignment in Close Binaries with Two Compact Objects,

23. Chandra Observations of M33: A First Look

In 2001:

24. Coalescence Rates of Compact Objects

25. Asymmetric Supernova Explosion Investigated by Geodetic Precession

26. Formation of Black-Hole X-Ray Binaries with Low-Mass Donors

27. Formation of Black-Hole X-Ray Transients
28. • A New Formation Channel for Double Neutron Stars Without Recycling: Implications for Gravitational Wave Detection

29. • Theoretical Black Hole Mass Distributions

30. • The Coalescence Rate of Double Neutron Star Systems

31. Event Rates for Binary Inspiral

32. Binary Population Synthesis: Methods, Normalization, and Surprises

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33. Coalescence of Double Compact Objects: Event Rates

34. • Merger Sites of Double Neutron Stars and Their Host Galaxies

35. • A Comprehensive Study of Binary Compact Objects as Gravitational Wave Sources: Evolutionary Channels, Rates, and Physical Properties

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36. A New Method for Estimates of Binary Pulsar Coalescence Rates

37. Influence of Precession on the Search of Inspiral Binaries with Ground-Based Gravitational-Wave Detectors

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41. • The Probability Distribution of Binary Pulsar Coalescence Rates. I. Double Neutron Star Systems in the Galactic Field
42. • Searching for Gravitational Waves from the Inspiral of Precessing Binary Systems: New Hierarchical Scheme using “Spiky” Templates

43. • Helium-Core White Dwarfs in Globular Clusters

44. • The Role of Helium Stars in the Formation of Double Neutron Stars

45. The Probability Distribution of Binary Pulsar Coalescence Rates

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50. • The Cosmic Coalescence Rate for Double Neutron Star Binaries

51. • An Observational Diagnostic for Ultraluminous X-Ray Sources

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54. A Chandra survey of the ‘Bar’ region of the SMC

55. • Gravitational Waves from Extragalactic Inspiraling Binaries: Selection Effects and Expected Detection Rates
56. • Pulsar Kicks and Spin Tilts in the Close Double Neutron Stars PSR J0737-3039, PSR B1534+12 and PSR B1913+16  

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76. ● A Study of Compact Object Mergers as Short Gamma-Ray Burst Progenitors

77. ● The Modulated Emission of the Ultraluminous X-Ray Source in NGC 3379

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