

## Selected Publications of Thomas M. Tauris

- **T.M. Tauris**, 2018, **PRL**, submitted  
*Disentangling Coalescing Neutron Star–White Dwarf Binaries for LISA*
- M.U. Kruckow, **T.M. Tauris**, N. Langer, M. Kramer, R.G. Izzard, 2018, **MNRAS**, submitted  
*Progenitors of gravitational wave mergers: Binary evolution with the stellar grid based code ComBinE*
- **T.M. Tauris**, M. Kramer, P.C.C. Freire, N. Wex, H.-T. Janka, N. Langer, P. Podsiadlowski, et al., 2017, **ApJ** 846, 170  
*Formation of Double Neutron Star Systems*
- R. Sengar, **T.M. Tauris**, N. Langer, A.G. Istrate, 2017, **MNRAS Letters**, 470, L6  
*Novel modelling of ultra-compact X-ray binary evolution – stable mass transfer from white dwarfs to neutron stars*
- V.V. Gvaramadze, et al., ...**T.M. Tauris**, 2017, **Nature Astronomy**, 1, 0116 (5 pages)  
*A solar-type star polluted by calcium-rich supernova ejecta inside the supernova remnant RCW 86*
- M.U. Kruckow, **T.M. Tauris**, N. Langer, D. Szesci, P. Marchant, Ph. Podsiadlowski, 2016, **A&A** 595, 58  
*Common envelope ejection in massive binary stars - Implications for the progenitors of GW150914 and GW151226*
- A.G. Istrate, P. Marchant, **T.M. Tauris**, N. Langer, R.J. Stancliffe, L. Grassitelli, 2016, **A&A** 595, 35  
*Models of low-mass helium white dwarfs including gravitational settling, thermal and chemical diffusion, and....*
- P. Marchant, N. Langer, Ph. Podsiadlowski, **T.M. Tauris** & T.J. Moriya, 2016, **A&A** 588, 50  
*A new route towards merging massive black holes*
- **T.M. Tauris**, N. Langer & Ph. Podsiadlowski, 2015, **MNRAS** 451, 2123  
*Ultra-stripped supernovae: progenitors and fate*
- **T.M. Tauris**, 2015, **MNRAS Letters** 448, L6  
*Maximum speed of hypervelocity stars ejected from binaries*
- A.G. Istrate, **T.M. Tauris**, N. Langer & J. Antoniadis, 2014, **A&A Letter** 571, L3  
*The timescale of low-mass proto-helium white dwarf evolution*
- P.C.C. Freire & **T.M. Tauris**, 2014, **MNRAS Letters** 438, L86  
*Direct formation of millisecond pulsars from rotationally delayed accretion-induced collapse of massive white dwarfs*
- **T.M. Tauris** & E.P.J. van den Heuvel, 2014, **ApJ Letters** 781, L13  
*Formation of the Galactic Millisecond Pulsar Triple System PSR J0337+1715*
- **T.M. Tauris**, N. Langer, T.J. Moriya, Ph. Podsiadlowski, S.-C. Yoon & S.I. Blinnikov, 2013, **ApJ Letters** 778, L23  
*Ultra-stripped Type Ic Supernovae from Close Binary Evolution*
- J. Antoniadis, P.C.C. Freire, N. Wex, **T.M. Tauris**, ....., et al., 2013, **Science** 340, 448  
*A Massive Pulsar in a Compact Relativistic Binary*
- **T.M. Tauris**, 2012, **Science** 335, 561  
*Spin-Down of Radio Millisecond Pulsars at Genesis*
- **T.M. Tauris**, N. Langer & M. Kramer, 2012, **MNRAS** 425, 1601  
*Formation of millisecond pulsars with CO white dwarf companions - II.*
- R. Voss & **T.M. Tauris**, 2003, **MNRAS** 342 1169  
*Galactic distribution of merging neutron stars and black holes*
- J.D.M. Dewi & **T.M. Tauris**, 2000, **A&A** 360, 1043  
*On the binding energy parameter of the common envelope evolution*
- **T.M. Tauris**, E.P.J. van den Heuvel & G.J. Savonije, 2000, **ApJ Letters** 530, L93  
*Formation of Millisecond Pulsars with Heavy White Dwarf Companions: Extreme Mass Transfer on Subthermal....*
- **T.M. Tauris** & G.J. Savonije, 1999, **A&A** 350, 928  
*Formation of millisecond pulsars. I. Evolution of LMXBs with P>2 days*
- **T.M. Tauris** & R.N. Manchester, 1998, **MNRAS** 298, 625  
*On the evolution of pulsar beams*
- **T.M. Tauris** & R.J. Takens, 1998, **A&A** 330, 1047  
*Runaway velocities of stellar components originating from disrupted binaries via asymmetric supernova explosions*

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