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Inner crust of neutron stars with mass-fitted Skyrme interaction

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[1]

[A radio pulsar spinning at 716-hz](#)

Jason W.T. Hessels (McGill U.), Scott M. Ransom (NRAO, Charlottesville), Ingrid H. Stairs (British Columbia U.), Paulo Cesar Carvalho Freire (Arecibo Observ.), Victoria M. Kaspi (McGill U.) et al.

Science 311 (2006) 1901-1904 • *e-Print:* [astro-ph/0601337](#) • *DOI:* [10.1126/science.1123430](#)



[2]

Pulsars: Problems and Progress (IAU Colloq.160), S. Johnston, M.A.Walker, M. Bailes (eds.) (ASP, San Francisco, CA, USA,) p. 73

A.G. Lyne

[3]

<https://inspirehep.net/literature/1688621>

1/3

strophys. J.537, L31

V.M. Kaspi, J.R. Lackey, D. Chakrabarty

[4]

Pulsar glitches and restlessness as a hard superfluidity phenomenon

P.W. Anderson (Cambridge U. and Bell Labs), N. Itoh (Cambridge U. and Bell Labs)

Nature 256 (1975) 25-27 • DOI: [10.1038/256025a0](https://doi.org/10.1038/256025a0)

[5]

D. Pines, M.A. Alpar

Nature 316 (1985) 27

[6]

Ph.D. Thesis, University of Lyon

E. Chabanat

[7]

Neutron Star Observations: Prognosis for Equation of State Constraints

James M. Lattimer (SUNY, Stony Brook), Maddapa Prakash (Ohio State U., Dept. Astron.)

Phys.Rept. 442 (2007) 109-165 • e-Print: [astro-ph/0612440](https://arxiv.org/abs/astro-ph/0612440) • DOI: [10.1016/j.physrep.2007.02.003](https://doi.org/10.1016/j.physrep.2007.02.003)

[8]

The nuclear symmetry energy and stability of matter in neutron star

Sebastian Kubis (Cracow, INP)

Phys.Rev.C 76 (2007) 025801 • e-Print: [astro-ph/0611740](https://arxiv.org/abs/astro-ph/0611740) • DOI: [10.1103/PhysRevC.76.025801](https://doi.org/10.1103/PhysRevC.76.025801)

[9]

Nuclear matter fourth-order symmetry energy in the relativistic mean field models

Bao-Jun Cai (Shanghai Jiaotong U.), Lie-Wen Chen (Natl. Lab. Heavy Ion Accel., Lanzhou and Shanghai Jiaotong U.)

Phys.Rev.C 85 (2012) 024302 • e-Print: [1111.4124](https://arxiv.org/abs/1111.4124) • DOI: [10.1103/PhysRevC.85.024302](https://doi.org/10.1103/PhysRevC.85.024302)

[10]

Neutron star structure and the equation of state

J.M. Lattimer (SUNY, Stony Brook), M. Prakash (SUNY, Stony Brook)

Astrophys.J. 550 (2001) 426 • e-Print: [astro-ph/0002232](https://arxiv.org/abs/astro-ph/0002232) • DOI: [10.1086/319702](https://doi.org/10.1086/319702)

[11]

Phys

M. Dutra, O. Lourenco, J.S.S. Martins, A. Delfino, J.R. Stone et al.

[12]

Pulsar glitches: The crust is not enough

N. Andersson (Southampton U.), K. Glampedakis (Murcia U. and Tübingen U.), W.C.G. Ho (Southampton U.), C.M. Espinoza (Manchester U.)

Phys.Rev.Lett. 109 (2012) 241103 • e-Print: [1207.0633](#) • DOI: [10.1103/PhysRevLett.109.241103](#)

[13]

Crustal Entrainment and Pulsar Glitches

N. Chamel (Brussels U.)

Phys.Rev.Lett. 110 (2013) 1, 011101 • e-Print: [1210.8177](#) • DOI: [10.1103/PhysRevLett.110.011101](#)

[14]

Efficacy of crustal superfluid neutrons in pulsar glitch models

J. Hooker, W.G. Newton, Bao-An Li

Mon.Not.Roy.Astron.Soc. 449 (2015) 4, 3559-3567 • e-Print: [1308.0031](#) • DOI: [10.1093/mnras/stv582](#)

[15]

Crustal moment of inertia of glitching pulsars with the KDE0v1 Skyrme interaction

K. Madhuri (Sambalpur U.), D.N. Basu (Calcutta, VECC), T.R. Routray (Sambalpur U.), S.P. Pattnaik (Sambalpur U.)

Eur.Phys.J.A 53 (2017) 7, 151 • e-Print: [1611.02872](#) • DOI: [10.1140/epja/i2017-12338-x](#)

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