

Fulvio Zonca Most Cited Papers

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**Total
citations: 6780**

1. A. Fasoli, C. Gormenzano, H.L. Berk, B. Breizman, S. Briguglio, D.S. Darrow, N. Gorelenkov, W.W. Heidbrink, A. Jaun, S.V. Konovalov, R. Nazikian, J.-M. Noterdaeme, S. Sharapov, K. Shinohara, D. Testa, K. Tobita, Y. Todo, G. Vlad and **F. Zonca**, *Chapter 5: Physics of energetic ions*, Nuclear Fusion **47**, S264-84, (2007). Times cited: 444. Journal Impact Factor: 3.278
2. L. Chen and **F. Zonca**, *Physics of Alfvén waves and energetic particles in burning plasmas*, Reviews of Modern Physics **88**, 015008–p1-p72, (2016). Times cited: 295. Journal Impact Factor: 36.917
3. **F. Zonca**, L. Chen and R.A. Santoro, *Kinetic theory of low-frequency Alfvén modes in tokamaks*, Plasma Physics and Controlled Fusion **38**, 2011-28, (1996). Times cited: 244. Journal Impact Factor: 1.902
4. **F. Zonca** and L.Chen, *Resonant damping of toroidicity-induced shear-Alfvén eigenmodes in tokamaks*, Physical Review Letters, **68**, 592-5, (1992). Times cited: 189. Journal Impact Factor: 7.375
5. F. Romanelli and **F. Zonca**, *The radial structure of the ion-temperature-gradient-driven mode*, Physics of Fluids B (Plasma Physics), **5**, 4081-9, (1993). Times cited: 176. Journal Impact Factor: X
6. **F. Zonca** and L. Chen, *Radial structures and nonlinear excitation of geodesic acoustic modes*, Europhysics Letters **83**, 35001–p1-p6, (2008). Times cited: 165. Journal Impact Factor: 2.203
7. ITER Physics Expert Group on Energetic Particles, Heating and Current Drive; ITER Physics Basis Editors; ITER EDA, Naka Joint Work Site, Mukouyama, Naka-machi, Naka-gun, Ibaraki-ken, Japan; *Chapter 5: Physics of energetic ions*, Nuclear Fusion **39**, 2471-95, (1999). Times cited: 137. Journal Impact Factor: 2.909
8. L. Chen and **F. Zonca**, *Theory of Alfvén waves and energetic particle physics in burning plasmas*, Nuclear Fusion **47**, S727-34, (2007). Times cited: 127. Journal Impact Factor: 3.278
9. S. Briguglio, G. Vlad, **F. Zonca** and C. Kar, *Hybrid Magnetohydrodynamic-Gyrokinetic Simulation of Toroidal Alfvén Eigenmodes*, Physics of Plasmas, **2**, 3711-23, (1995). Times cited: 122. Journal Impact Factor: 1.57
10. **F. Zonca**, P. Buratti, A. Cardinali, L. Chen, J.-Q. Dong, Y.-X. Long, A. Milovanov, F. Romanelli, P. Smeulders, L. Wang, Z.-T. Wang, C. Castaldo, R. Cesario, E. Giovannozzi, M. Marinucci and V. Pericoli Ridolfini, *Electron fishbones: theory and experimental evidence*, Nuclear Fusion **47**, 1588-97, (2007). Times cited: 120. Journal Impact Factor: 3.278