

Publication relevant for ITPA application

- [1] **Vianello, N.**, Naulin, V., Schrittwieser, R., Muller, H. W., Zuin, M., Ionita, C., Rasmussen, J. J., Mehlmann, F., Rohde, V., Cavazzana, R., and Maraschek, M. (2011) "Direct Observation of Current in Type-I Edge-Localized-Mode Filaments on the ASDEX Upgrade Tokamak", Physical Review Letters **106**, 125002.
- [2] **Vianello, N.**, Rea, C., Agostini, M., Cavazzana, R., Ciaccio, G., De Masi, G., Martines, E., Mazzi, A., Momo, B., Spizzo, G., Scarin, P., Spolaore, M., Zanca, P., Zuin, M., Carraro, L., Innocente, P., Marrelli, L., Puiatti, M. E., and Terranova, D. (Jan. 2015) "Magnetic perturbations as a viable tool for edge turbulence modification", Plasma Physics and Controlled Fusion **57**, 014027.
- [3] Solano, E. R., Vianello, N., Delabie, E., Hillesheim, J. C., Buratti, P., Refy, D., Balboa, I., Boboc, A., Coelho, R., Sieglin, B., Silburn, S., Drewelow, P., Devaux, S., Dodt, D., Figueiredo, A., Frassinetti, L., Marsen, S., Meneses, L., Maggi, C. F., Morris, J., Gerasimov, S., Baruzzo, M., Stamp, M., Grist, D., Nunes, I., Rimini, F., Schmuck, S., Lupelli, I., Silva, C., and Contributors, J. (Feb. 2017) "Axisymmetric oscillations at L-H transitions in JET: M-mode", Nuclear Fusion 57, 022021.
- [4] **Vianello, N.**, Tsui, C. K.-W. K.-W., Theiler, C., Allan, S., Boedo, J. A., Labit, B., Reimerdes, H., Verhaegh, K., Vijvers, W. A. J., Walkden, N., Costea, S., Kovačič, J., Ionita, C., Naulin, V., Nielsen, A., Rasmussen, J. J., Schneider, B. S., Schrittwieser, R., Spolaore, M., Carralero, D., Madsen, J., Lipschultz, B., and Militello, F. (Nov. 2017) "Modification of SOL profiles and fluctuations with line-average density and divertor flux expansion in TCV", Nuclear Fusion **57**, 116014.
- [5] Vianello, N., Carralero, D., Tsui, C. K., Naulin, V., Agostini, M., Cziegler, I., Labit, B., Theiler, C., Wolfrum, E., Aguiam, D., Allan, S., Bernert, M., Boedo, J., Costea, S., Oliveira, H. D., Fevrier, O., Galdon-Quiroga, J., Grenfell, G., Hakola, A., Ionita, C., Isliker, H., Karpushov, A., Kovacic, J., Lipschultz, B., Maurizio, R., McClements, K., Militello, F., Nielsen, A. H., Olsen, J., Rasmussen, J. J., Ravensbergen, T., Reimerdes, H., Schneider, B., Schrittwieser, R., Seliunin, E., Spolaore, M., Verhaegh, K., Vicente, J., Walkden, N., and Zhang, W. (2019) "Scrape-off layer transport and filament characteristics in high-density tokamak regimes", Nuclear Fusion 60, 016001.