

Gabriel Pedroche

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

136
citations

1307594

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1372567

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11
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11
docs citations

11
times ranked

99
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | D1SUNED system for the determination of decay photon related quantities. Fusion Engineering and Design, 2020, 151, 111399. | 1.9 | 42 |
| 2 | A full and heterogeneous model of the ITER tokamak for comprehensive nuclear analyses. Nature Energy, 2021, 6, 150-157. | 39.5 | 34 |
| 3 | The use of the long modular diagnostics shield module to mitigate shutdown dose rates in the ITER diagnostics equatorial ports. Nuclear Fusion, 2018, 58, 056015. | 3.5 | 10 |
| 4 | Shutdown dose rate mitigation in the ITER upper ports. Fusion Engineering and Design, 2018, 136, 228-232. | 1.9 | 10 |
| 5 | Integral modelling of the ITER cooling water systems radiation source for applications outside of the Bio-shield. Fusion Engineering and Design, 2021, 171, 112575. | 1.9 | 10 |
| 6 | Nuclear analysis of the ITER torus cryopumps. Nuclear Fusion, 2019, 59, 106045. | 3.5 | 8 |
| 7 | Development of radiation sources for nuclear analysis beyond ITER bio-shield: SRC-UNED code. Computer Physics Communications, 2022, 275, 108309. | 7.5 | 8 |
| 8 | Update in the nuclear responses of the European TBMs for ITER during operation and shutdown. Fusion Engineering and Design, 2018, 134, 92-96. | 1.9 | 6 |
| 9 | Nuclear data for D1SUNED for the study of ITER planned in-situ maintenance dose scenarios. Fusion Engineering and Design, 2021, 170, 112646. | 1.9 | 6 |
| 10 | Shielding conceptual designs of ITER TCP ports to protect electronics. Fusion Engineering and Design, 2022, 176, 113016. | 1.9 | 2 |
| 11 | Improved radiation shielding analysis considering vector calculus. International Journal of Energy Research, 2021, 45, 11904-11915. | 4.5 | 0 |