# Aleix Puig Sitjes

List of Publications by Year
in descending order

| 12 papers | 178 citations | 1478505 6 h-index | 1281871 11 g-index |
|---|---|---|---|
| 12 all docs | 12 docs citations | 12 times ranked | 237 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Infrared imaging systems for wall protection in the W7-X stellarator (invited). Review of Scientific Instruments, 2018, 89, 10E116. | 1.3 | 58 |
| 2 | Error fields in the Wendelstein 7-X stellarator. Plasma Physics and Controlled Fusion, 2018, 60, 124002. | 2.1 | 38 |
| 3 | Effects of toroidal plasma current on divertor power depositions on Wendelstein 7-X. Nuclear Fusion, 2019, 59, 106015. | 3.5 | 26 |
| 4 | Tuning of the rotational transform in Wendelstein 7-X. Nuclear Fusion, 2019, 59, 126004. | 3.5 | 16 |
| 5 | Understanding baffle overloads observed in high-mirror configuration on Wendelstein 7-X. Nuclear Fusion, 2020, 60, 096012. | 3.5 | 9 |
| 6 | Large wetted areas of divertor power loads at Wendelstein 7-X. Nuclear Fusion, 2020, 60, 084003. | 3.5 | 8 |
| 7 | Evaluation of NVIDIA Xavier NX Platform for Real-Time Image Processing for Plasma Diagnostics. Energies, 2022, 15, 2088. | 3.1 | 7 |
| 8 | Tools for Image Analysis and First Wall Protection at W7-X. Fusion Science and Technology, 2020, 76, 933-941. | 1.1 | 4 |
| 9 | Real-Time Detection of Overloads on the Plasma-Facing Components of Wendelstein 7-X. Applied Sciences (Switzerland), 2021, 11, 11969. | 2.5 | 4 |
| 10 | Learning control coil currents from heat-flux images using convolutional neural networks at Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2021, 63, 025009. | 2.1 | 3 |
| 11 | Plasma beta effects on the edge magnetic field structure and divertor heat-loads in Wendelstein 7-X high-performance scenarios. Nuclear Fusion, 0, , . | 3.5 | 3 |
| 12 | Detecting Plasma Detachment in the Wendelstein 7-X Stellarator Using Machine Learning. Applied Sciences (Switzerland), 2022, 12, 269. | 2.5 | 2 |