

# Sunil Pak

## List of Publications by Year in descending order

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Residual Stress Monitoring for ITER Diagnostic Windows. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.  | 4.7 | 3         |
| 2  | Neutronics analysis for ITER UP18 preliminary design. Fusion Engineering and Design, 2019, 141, 101-108.  | 1.9 | 1         |
| 3  | Preliminary Design for Diagnostic Port Integration at ITER Upper Port #18. IEEE Transactions on Plasma Science, 2018, 46, 1612-1615.  | 1.3 | 1         |
| 4  | Electromagnetic analysis for the in-vessel transfer lines of neutron activation system. Fusion Engineering and Design, 2017, 124, 591-595.  | 1.9 | 2         |
| 5  | Engineering issues on the diagnostic port integration in ITER upper port 18. Fusion Engineering and Design, 2016, 109-111, 824-829.   | 1.9 | 2         |
| 6  | Shutdown dose rate contribution from diagnostics in ITER upper port 18. Fusion Engineering and Design, 2016, 109-111, 736-741.  | 1.9 | 5         |
| 7  | Final design of the generic upper port plug structure for ITER diagnostic systems. Fusion Engineering and Design, 2016, 102, 21-27.   | 1.9 | 11        |
| 8  | The choice of dynamic amplification factors for the ITER generic port plugs during disruptions. Fusion Engineering and Design, 2015, 98-99, 1652-1655.  | 1.9 | 1         |
| 9  | Fracture mechanics analysis approach to assess structural integrity of the first confinement boundaries in ITER Generic Upper Port Plug structure. Fusion Engineering and Design, 2015, 98-99, 1492-1495. | 1.9 | 2         |
| 10 | The remote handling compatibility analysis of the ITER generic upper port plug structure. Fusion Engineering and Design, 2014, 89, 1009-1013.   | 1.9 | 4         |
| 11 | Dynamic Amplification Factor of the ITER Diagnostic Upper Port Plug. IEEE Transactions on Plasma Science, 2014, 42, 1977-1981.  | 1.3 | 4         |
| 12 | Electromagnetic load calculation of the ITER machine using a single finite element model including narrow slits of the in-vessel components. Fusion Engineering and Design, 2013, 88, 3224-3237.          | 1.9 | 18        |
| 13 | Process and overview of diagnostics integration in ITER ports. Fusion Engineering and Design, 2013, 88, 1306-1309.  | 1.9 | 12        |
| 14 | An efficient modeling of fine air-gaps in tokamak in-vessel components for electromagnetic analyses. Fusion Engineering and Design, 2012, 87, 47-53.  | 1.9 | 4         |
| 15 | Nuclear engineering of diagnostic port plugs on ITER. Fusion Engineering and Design, 2012, 87, 667-674.   | 1.9 | 16        |
| 16 | Evaluation of electromagnetic loads on various design options of the ITER diagnostic upper port plug during plasma disruptions. Fusion Engineering and Design, 2011, 86, 1877-1881.                       | 1.9 | 7         |
| 17 | Numerical simulation on bake-out of the ITER diagnostic upper port plug. Fusion Engineering and Design, 2010, 85, 1627-1631.  | 1.9 | 2         |
| 18 | Eddy current induced electromagnetic loads on shield blankets during plasma disruptions in ITER: A benchmark exercise. Fusion Engineering and Design, 2010, 85, 1747-1758.                                | 1.9 | 36        |