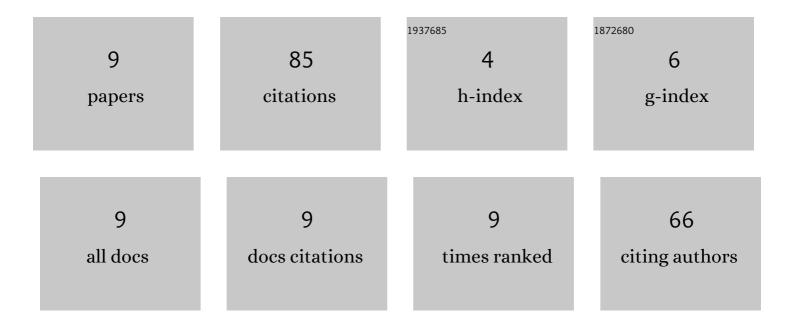
Akansha Kumar

List of Publications by Year in descending order

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Δκανισμα Κιιμαρ

| # | Article | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | A new approach to nuclear reactor design optimization using genetic algorithms and regression analysis. Annals of Nuclear Energy, 2015, 85, 27-35. | 1.8 | 38 |
| 2 | Properties of the implicitly time-differenced equations of thermal radiation transport. Journal of Computational Physics, 2013, 238, 82-96. | 3.8 | 26 |
| 3 | Neutronics and thermal hydraulics analysis of a low-enriched uranium cermet fuel core for a Mars surface power reactor. Annals of Nuclear Energy, 2016, 96, 307-312. | 1.8 | 12 |
| 4 | Analysis of a sustainable gas cooled fast breeder reactor concept. Annals of Nuclear Energy, 2014, 69, 252-259. | 1.8 | 5 |
| 5 | Mass Optimization of a Supercritical CO2 Brayton Cycle Power Conversion System for a Mars Surface Fission Power Reactor. Journal of Nuclear Engineering and Radiation Science, 2017, 3, . | 0.4 | 3 |
| 6 | Optimization of U–Th fuel in heavy water moderated thermal breeder reactors using multivariate regression analysis and genetic algorithms. Annals of Nuclear Energy, 2015, 85, 885-892. | 1.8 | 1 |
| 7 | A new indirect measure of diffusion model error. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 163, 24-33. | 2.3 | 0 |
| 8 | Linear regression and sensitivity analysis in nuclear reactor design. Annals of Nuclear Energy, 2015, 85, 798-811. | 1.8 | 0 |
| 9 | Power Management and Distribution System for a Mars Surface Fission Power Reactor. Journal of Nuclear Engineering and Radiation Science, 2018, 4, . | 0.4 | 0 |