

Asad Majid

Professor

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About

Dr. Asad Majid is working as Professor in the School of Mechanical & Manufacturing Engineering. Dr. Asad Majid has a PhD in Nuclear Engineering. Dr. Asad Majid has published 19 research articles & conference papers having a citation count of 80, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Nuclear Engineering University of California, Los Angeles , United States	1985 - 1990
MS in Nuclear Engineering Rensselaer Polytechnic Institute , United States	1982 - 1984
BS in Mechanical Engineering Middle East Technical University , Turkey	1978 - 1982
F.Sc in Pre Engineering BISE, Sargodha , Pakistan	1976 - 1978
Matric (SSC) in Sciences BISE, Sargodha , Pakistan	1974 - 1976

Experience

Professor School of Mechanical & Manufacturing Engineering	2023- Present
Professor School of Mechanical & Manufacturing Engineering	2022 - 2023
Deputy Chief Engineer PIEAS , PIEAS, Lehtrar Road, Nilore, Islamabad	1990 - 2020

Research Articles

Determination of heavy metals in air conditioner dust using FAAS and INAA <i>N. Siddique Asad Majid M. M. Chaudhry Tufail M.</i> <i>Journal of Radioanalytical and Nuclear Chemistry</i> , Volume 292, Issue 1, Pages 219-227 Impact Factor: 1.467 Quartile: 1 Citations: 9 DOI: 10.1007/s10967-011-1402-6	2012
Elemental analysis of dust trapped in air conditioner filters for the assessment of Lahore city's air quality <i>N. Siddique Asad Majid M. Tufail</i> <i>Journal of Radioanalytical and Nuclear Chemistry</i> , Volume 290, Issue 3, Pages 691-699 Impact Factor: 1.520 Quartile: 1 Citations: 12 DOI: 10.1007/s10967-011-1350-1	2011
Prospects of using different clad materials in a material test research reactor - part 4 - the uncontrolled reactivity insertion transients <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i> , Volume 52, Issue 4, Pages 332-338 Impact Factor: 1.085 Quartile: 2 Citations: 3 DOI: 10.1016/j.pnucene.2009.07.005	2010
Kinetic parameters of a material test research reactor fueled with various low enriched uranium dispersion fuels	2009

<i>Muhammad Farhan Asad Majid</i> <i>Nuclear Engineering and Design</i>, Volume 239, Issue 12, Pages 2766-2770 Impact Factor: 0.785 Quartile: 2 DOI: 10.1016/j.nucengdes.2009.08.024	
Effects of high density dispersion fuel loading on the uncontrolled reactivity insertion transients of a low enriched uranium fueled material test research reactor <i>Muhammad Farhan Asad Majid</i> <i>Annals of Nuclear Energy</i>, Volume 36, Issue 8, Pages 1021-1031 Impact Factor: 0.677 Quartile: 3 Citations: 2 DOI: 10.1016/j.anucene.2009.06.005	2009
Prospects of using different clad materials in a material test research reactor - Part 3 - The dynamic behavior <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i>, Volume 51, Issue 6, Pages 731-741 Impact Factor: 0.677 Quartile: 3 Citations: 1 DOI: 10.1016/j.pnucene.2009.04.003	2009
Reactivity feedbacks of a material test research reactor fueled with various low enriched uranium dispersion fuels <i>Muhammad Farhan Asad Majid</i> <i>Annals of Nuclear Energy</i>, Volume 36, Issue 7, Pages 998-1001 Impact Factor: 0.604 Quartile: 3 DOI: 10.1016/j.anucene.2009.03.006	2009
Prospects of using different clad materials in a material test research reactor - Part 2 - The reactivity feedback coefficients <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i>, Volume 51, Issue 4-5, Pages 604-607 Impact Factor: 0.677 Quartile: 3 Citations: 2 DOI: 10.1016/j.pnucene.2008.12.002	2009
Prospects of using different clad materials in a material test research reactor - Part 1 - The kinetic parameters <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i>, Volume 51, Issue 3, Pages 496-499 Impact Factor: 0.677 Quartile: 3 Citations: 4 DOI: 10.1016/j.pnucene.2008.10.009	2009
Effects of high density dispersion fuel loading on the dynamics of a low enriched uranium fueled material test research reactor <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i>, Volume 51, Issue 2, Pages 339-346 Impact Factor: 0.677 Quartile: 3 Citations: 12 DOI: 10.1016/j.pnucene.2008.06.003	2009
Kinetic parameters of a material test research reactor fueled with high density U3Si2 dispersion fuels <i>Muhammad Farhan Asad Majid</i> <i>Progress in Nuclear Energy</i>, Volume 51, Issue 1, Pages 141-145 Impact Factor: 0.677 Quartile: 3 Citations: 8 DOI: https://doi.org/10.1016/j.pnucene.2008.02.004	2009
Reactivity feedback coefficients of a material test research reactor fueled with high-density U3Si2 dispersion fuels <i>Muhammad Farhan Asad Majid</i> <i>Nuclear Engineering and Design</i>, Volume 238, Issue 10, Pages 2583-2589 Impact Factor: 0.874 Quartile: 2 Citations: 5 DOI: 10.1016/j.nucengdes.2008.05.002	2008
Effects of high density dispersion fuel loading on the kinetic parameters of a low enriched uranium fueled material test research reactor <i>Muhammad Farhan Asad Majid</i> <i>Annals of Nuclear Energy</i>, Volume 35, Issue 9, Pages 1720-1731 Impact Factor: 0.831 Quartile: 2 Citations: 17	2008

DOI: 10.1016/j.anucene.2008.02.001

Analyses of MHD pressure drop in a curved bend for different liquid metals <i>Kameel Arshad Muhammad Rafique Asad Majid Shahida Jabeen</i> <i>Journal of Applied Sciences</i> , Volume:7, Issue:1, Page:72-78 Impact Factor: 0 Citations: 3 DOI: 10.3923/jas.2007.72.78	2007
Heat transfer to liquid lithium in a straight duct in the presence of a transverse magnetic field and a gravity field <i>Asad Majid</i> <i>Fusion Science and Technology</i> , Volume:37, Issue:2, Page:103-109 Impact Factor: 0 Citations: 1 DOI: 10.13182/FST00-A126	2000
Magnetohydrodynamic pressure drop in a straight duct and a curved bend in the presence of a transverse magnetic field and a gravity field <i>Asad Majid</i> <i>Fusion Science and Technology</i> , Volume:36, Issue:3, Page:247-262 Impact Factor: 0 Citations: 1 DOI: 10.13182/FST99-A106	1999
Thermomechanical aspects of the liquid metal cooled limiter <i>Asad Majid M. Abdou</i> <i>Fusion Science and Technology</i> , Volume:15, Issue:2 pt 2B, Page:1192-1195 Impact Factor: 0 DOI: 10.13182/fst89-a39855	1989
DESIGN WINDOW FOR LIQUID METAL-COOLED LIMITERS. <i>Asad Majid M. Abdou</i> <i>Fusion Science and Technology</i> , Volume:10, Issue:3 pt 2A, Page:776-781 Impact Factor: N/A DOI: 10.13182/fst86-a24834	1986

Conference Proceedings

Heat transfer characteristics of Lithium coolant flowing through a curved bend using modified toroidal coordinate system <i>Hafiz Rafi Asad Majid S. Zahir M. A. Khan</i> <i>25th Congress of the International Council of the Aeronautical</i> , res.country(233,) Citations: N/A DOI: 978-160423227-1	2006
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