Research outputs:

Lift Factor Analysis of Multifilamentary Coated Conductor Produced Using Two Level Undercut-Profile Substrates
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

A topology optimized switchable permanent magnet system
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Quantum heat engines: Limit cycles and exceptional points
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Two level undercut-profile substrate-based filamentary coated conductors produced using metal organic chemical vapor deposition
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Design, enhanced Thermal and Flow efficiency of a 2KW active magnetic regenerator
Research output: Contribution to conference › Paper – Annual report year: 2017 › Research › peer-review

Reply to “Comment on ‘Performance of Halbach magnet with finite coercivity’”
Research output: Contribution to journal › Comment/debate – Annual report year: 2016 › Research

Topology optimized permanent magnet systems
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Generating the optimal magnetic field for magnetic refrigeration
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Globally Optimal Segmentation of Permanent-Magnet Systems
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Optimally segmented magnetic structures
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Optimally segmented permanent magnet structures
Research output: Contribution to journal › Conference article – Annual report year: 2016 › Research › peer-review
Optimising Magnetostatic Assemblies

Performance of Halbach magnet arrays with finite coercivity
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Design and experimental tests of a rotary active magnetic regenerator prototype
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Effect of Temperature Step Size on Calculating the Magnetic Entropy Change
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research

Experimental Studies with an Active Magnetic Regenerating Refrigerator
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Optimization of Permanent Magnet Assemblies
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research › peer-review

Optimization of Permanent Magnet Assemblies
Research output: Contribution to conference › Poster – Annual report year: 2015 › Research

Performance-oriented Analysis of a Hybrid magnetic Assembly for a Heat-pump Magnetocaloric Device
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Projects:

Micromagnetism and permanent magnets
Project: PhD

Harvesting Energy with Levitating Magnets
Project: PhD

Advanced tailoring of 3D microstructures for superconducting magnets
Project: Research

Optimised Hybrid Magnets
Project: PhD

Activities:

Delft Days on Magnetocalorics 2015
Activity: Attending an event › Participating in or organising a conference

European School of Magnetism
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.