

# Neeraj Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6665420/publications.pdf>

Version: 2024-02-01

9  
papers

64  
citations

1937685

4  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

19  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational evaluation of effectiveness for intratumoral injection strategies in magnetic nanoparticle assisted thermotherapy. International Journal of Heat and Mass Transfer, 2020, 148, 119129.	4.8	18
2	Nodal Integral Method Using Quadrilateral Elements for Transport Equations: Part 1—Convection-diffusion Equation. Numerical Heat Transfer, Part B: Fundamentals, 2013, 64, 1-21.	0.9	13
3	Nodal Integral Method Using Quadrilateral Elements for Transport Equations: Part 2-Navier-Stokes Equations. Numerical Heat Transfer, Part B: Fundamentals, 2013, 64, 22-47.	0.9	10
4	Pressure Correction—Based Iterative Scheme for Navier-Stokes Equations using Nodal Integral Method. Numerical Heat Transfer, Part B: Fundamentals, 2012, 62, 264-288.	0.9	6
5	Nodal integral method for convection-diffusion transport using linear and higher order quadrilateral elements. Numerical Heat Transfer, Part B: Fundamentals, 2018, 74, 623-645.	0.9	4
6	Bioheat Physics for Hyperthermia Therapy. , 2019, , 381-397.		4
7	Parameterizing the Effects of Tumor Shape in Magnetic Nanoparticle Thermotherapy Through a Computational Approach. Journal of Heat Transfer, 2022, 144, .	2.1	4
8	Computational investigation of the tumor position and ambient conditions on magnetic nanoparticle thermo-therapy. Thermal Science and Engineering Progress, 2022, 34, 101396.	2.7	4
9	Effects of spatial distribution patterns of magnetic nanoparticles on temperature distribution in magnetic hyperthermia. , 2018, , .		1