

# A M A Moawad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5044755/publications.pdf>

Version: 2024-02-01

9  
papers

252  
citations

1163117

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1588992

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docs citations

9  
times ranked

153  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Biomedical simulations of nanoparticles drug delivery to blood hemodynamics in diseased organs: Synovitis problem. International Communications in Heat and Mass Transfer, 2022, 130, 105756.                   | 5.6 | 73        |
| 2 | Residual time of sinusoidal metachronal ciliary flow of non-Newtonian fluid through ciliated walls: fertilization and implantation. Biomechanics and Modeling in Mechanobiology, 2021, 20, 609-630.             | 2.8 | 37        |
| 3 | Reactivity of bifurcation angle and electroosmosis flow for hemodynamic flow through aortic bifurcation and stenotic wall with heat transfer. Physica Scripta, 2021, 96, 015216.                                | 2.5 | 28        |
| 4 | Electro-osmotic Flow of Non-Newtonian Biofluids Through Wavy Micro-Concentric Tubes. BioNanoScience, 2018, 8, 723-734.  | 3.5 | 22        |
| 5 | Combine Impacts of Electrokinetic Variable Viscosity and Partial Slip on Peristaltic MHD Flow Through a Micro-channel. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 201-212.    | 1.5 | 22        |
| 6 | PHAN-THIEN-TANNER NANOFLUID FLOW WITH GOLD NANOPARTICLES THROUGH A STENOTIC ELECTROKINETIC AORTA: A STUDY ON THE CANCER TREATMENT. Heat Transfer Research, 2021, 52, 87-99.                                     | 1.6 | 21        |
| 7 | Cilia walls influence on peristaltically induced motion of magneto-fluid through a porous medium at moderate Reynolds number: Numerical study. Journal of the Egyptian Mathematical Society, 2017, 25, 238-251. | 1.2 | 19        |
| 8 | ELECTROTHERMAL TRANSPORT VIA GOLD NANOPARTICLES AS ANTIMICROBIALS OF BLOOD FLOW THROUGH AN ELECTRO-OSMOSIS ARTERY WITH OVERLAPPING STENOSIS. , 2020, 47, 135-152.   |     | 18        |
| 9 | Thermal radiation effects on oscillatory squeeze flow with a particle-fluid suspension. Heat Transfer, 2021, 50, 2129-2149.   | 3.0 | 12        |