

Giora Enden

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

621
citations

759190

12
h-index

752679

20
g-index

20
all docs

20
docs citations

20
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound mediated transdermal drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2014, 72, 127-143.	13.7	202
2	The exponential learning equation as a function of successful trials results in sigmoid performance. <i>Journal of Mathematical Psychology</i> , 2010, 54, 338-340.	1.8	100
3	A Numerical Study of Plasma Skimming in Small Vascular Bifurcations. <i>Journal of Biomechanical Engineering</i> , 1994, 116, 79-88.	1.3	47
4	Bubble growth within the skin by rectified diffusion might play a significant role in sonophoresis. <i>Journal of Controlled Release</i> , 2007, 117, 246-255.	9.9	40
5	A Numerical Study of the Shape of the Surface Separating Flow Into Branches in Microvascular Bifurcations. <i>Journal of Biomechanical Engineering</i> , 1992, 114, 398-405.	1.3	36
6	Stratified multiphase model for blood flow in a venular bifurcation. <i>Annals of Biomedical Engineering</i> , 1997, 25, 135-153.	2.5	32
7	A Mathematical Model of Drug Release from Liposomes by Low Frequency Ultrasound. <i>Annals of Biomedical Engineering</i> , 2009, 37, 2640-2645.	2.5	29
8	An analytical solution for steady flow of a Quemada fluid in a circular tube. <i>Rheologica Acta</i> , 1993, 32, 422-426.	2.4	22
9	Modeling soot formation in diesel-biodiesel flames. <i>Fuel</i> , 2017, 206, 437-452.	6.4	19
10	Converging three-dimensional Stokes flow of two fluids in a T-type bifurcation. <i>Journal of Fluid Mechanics</i> , 1994, 270, 51-72.	3.4	18
11	Insect cellsâ€“Baculovirus system: Factors affecting growth and low MOI infection. <i>Biochemical Engineering Journal</i> , 2005, 27, 8-16.	3.6	17
12	A model of the dynamics of insect cell infection at low multiplicity of infection. <i>Journal of Theoretical Biology</i> , 2005, 237, 257-264.	1.7	16
13	Harvesting Low Molecular Weight Biomarkers Using Gold Nanoparticles. <i>ACS Nano</i> , 2015, 9, 5750-5759.	14.6	12
14	Non-invasive blood flow measurements using ultrasound modulated diffused light. <i>Proceedings of SPIE</i> , 2012, , .	0.8	8
15	A Numerical Simulation of the Flow in a T-Type Bifurcation and Its Application to an â€œEnd to Sideâ€• Fistula. <i>Journal of Biomechanical Engineering</i> , 1985, 107, 321-326.	1.3	6
16	The initial adsorption of T4 bacteriophages to Escherichia coli cells at equivalent concentrations: Experiments and mathematical modeling. <i>Biochemical Engineering Journal</i> , 2010, 48, 225-229.	3.6	5
17	New doxorubicin nanoparticles engineered from calcium-crosslinked carbomer and a microemulsion precursor. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 830-838.	2.0	4
18	Baculovirus transit through insect cell membranes: A mechanistic approach. <i>Chemical Engineering Science</i> , 2020, 223, 115727.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Effects of Surface Coating on Nanoparticle-Protein Adsorption Selectivity. Regenerative Engineering and Translational Medicine, 2018, 4, 62-74.	2.9	2
20	Phenomenological soot modeling with solution mapping optimization of biodiesel-diesel blends in diesel engines. Thermal Science and Engineering Progress, 2020, 18, 100544.	2.7	2