

Vasilios Alexiades

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multiple CheY Homologs Control Swimming Reversals and Transient Pauses in <i>Azospirillum brasilense</i> . <i>Biophysical Journal</i> , 2019, 116, 1527-1537.	0.5	16
2	Multi-scale Modeling and Simulation in Materials Science, Preface. <i>Journal of Scientific Computing</i> , 2008, 37, 1-2.	2.3	1
3	RESOLVING THE CONTROVERSY OVER TIN AND GALLIUM MELTING IN A RECTANGULAR CAVITY HEATED FROM THE SIDE. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2003, 44, 253-276.	0.9	76
4	A new experimental facility for investigating the formation and properties of gas hydrates under simulated seafloor conditions. <i>Review of Scientific Instruments</i> , 2001, 72, 1514.	1.3	31
5	Super-time-stepping acceleration of explicit schemes for parabolic problems. <i>Communications in Numerical Methods in Engineering</i> , 1996, 12, 31-42.	1.3	123
6	On the thermodynamic theory of fluid interfaces: Infinite intervals, equilibrium solutions, and minimizers. <i>Journal of Colloid and Interface Science</i> , 1986, 111, 119-132.	9.4	10
7	Singular Problems in the Theory of Stress-Assisted Diffusion. <i>SIAM Journal on Mathematical Analysis</i> , 1983, 14, 925-933.	1.9	3
8	Rapid Freezing of Dilute Alloys. <i>IMA Journal of Applied Mathematics</i> , 1983, 30, 67-79.	1.6	2
9	Generalized axially symmetric heat potentials and singular parabolic initial boundary value problems. <i>Archive for Rational Mechanics and Analysis</i> , 1982, 79, 325-350.	2.4	16
10	A SINGULAR FOURIER PROBLEM WITH NONLINEAR BOUNDARY CONDITION. , 1982, , 13-14.		0
11	Almost periodic solutions of an integrodifferential system with infinite delay. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1981, 5, 401-410.	1.1	2
12	A singular Fourier problem with nonlinear radiation in a noncylindrical domain. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1981, 5, 835-844.	1.1	4
13	Existence theorems for some nonlinear fourth order elliptic boundary value problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1980, 4, 805-813.	1.1	25
14	Singular perturbations for a singular parabolic initial boundary value problem. <i>Applicable Analysis</i> , 1980, 10, 309-320.	1.3	2
15	Free Boundary Problems in Solidification of Alloys. <i>SIAM Journal on Mathematical Analysis</i> , 1980, 11, 254-264.	1.9	14
16	A Singular Parabolic Initial-Boundary Value Problem in a Noncylindrical Domain. <i>SIAM Journal on Mathematical Analysis</i> , 1980, 11, 348-357.	1.9	9