

Vasilios Alexiades

List of Publications by Year in descending order

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16
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1040056

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docs citations

16
times ranked

291
citing authors

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