List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Iterative splitting schemes for a soft material poromechanics model. Computer Methods in Applied Mechanics and Engineering, 2022, 388, 114183.	6.6	4
2	Prediction of myocardial blood flow under stress conditions by means of a computational model. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1894-1905.	6.4	5
3	A coupled 3D-1D multiscale Keller-Segel model of chemotaxis and its application to cancer invasion. Discrete and Continuous Dynamical Systems - Series S, 2022, .	1.1	1
4	A computational model applied to myocardial perfusion in the human heart: From large coronaries to microvasculature. Journal of Computational Physics, 2021, 424, 109836.	3.8	23
5	Mathematical analysis and numerical approximation of a general linearized poro-hyperelastic model. Computers and Mathematics With Applications, 2021, 91, 202-228.	2.7	12
6	Modeling the cardiac response to hemodynamic changes associated with COVID-19: a computational study. Mathematical Biosciences and Engineering, 2021, 18, 3364-3383.	1.9	5
7	A surrogate model for plaque modeling in carotids based on Robin conditions calibrated by cine MRI data. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3447.	2.1	6
8	Development of a method for generating SNP interaction-aware polygenic risk scores for radiotherapy toxicity. Radiotherapy and Oncology, 2021, 159, 241-248.	0.6	11
9	A Mesoscale Computational Model for Microvascular Oxygen Transfer. Annals of Biomedical Engineering, 2021, 49, 3356-3373.	2.5	14
10	Mathematical Modeling and Numerical Simulation of Atherosclerotic Plaque Progression Based on Fluid-Structure Interaction. Journal of Mathematical Fluid Mechanics, 2021, 23, 1.	1.0	3
11	Analysis and Approximation of Mixed-Dimensional PDEs on 3D-1D Domains Coupled with Lagrange Multipliers. SIAM Journal on Numerical Analysis, 2021, 59, 558-582.	2.3	18
12	A Mixed Dimensional Model for the Interaction of a Well with a Poroelastic Material. Lecture Notes in Computational Science and Engineering, 2021, , 1235-1242.	0.3	0
13	A global sensitivity analysis approach applied to a multiscale model of microvascular flow. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 1215-1224.	1.6	4
14	A Deep Learning Approach Validates Genetic Risk Factors for Late Toxicity After Prostate Cancer Radiotherapy in a REQUITE Multi-National Cohort. Frontiers in Oncology, 2020, 10, 541281.	2.8	15
15	A multiscale heat transfer model for nuclear reactor assemblies. Nuclear Engineering and Design, 2020, 367, 110794.	1.7	2
16	A computational 3D model for the multiscale analysis of nuclear reactors assembly. Journal of Physics: Conference Series, 2020, 1599, 012047.	0.4	0
17	In silico model of the early effects of radiation therapy on the microcirculation and the surrounding tissues. Physica Medica, 2020, 73, 125-134.	0.7	4
18	A HIERARCHICAL MULTISCALE MODEL FOR PREDICTING THE VASCULAR BEHAVIOR OF BLOOD-BORNE NANOMEDICINES. International Journal for Multiscale Computational Engineering, 2020, 18, 335-359.	1.2	4

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19	PO-1804: In silico model of radiation-therapy damage to microvasculature of tissues surrounding tumour. Radiotherapy and Oncology, 2020, 152, S1006-S1007.	0.6	0
20	EP-1927 Mechanistic modelling of RT damage to microvasculature and of its effect on tumour microenvironment. Radiotherapy and Oncology, 2019, 133, S1048-S1049.	0.6	0
21	Microcirculationâ€onâ€Chip: Application of Transmural Flow Across In Vitro Microvasculature Enables Direct Sampling of Interstitial Therapeutic Molecule Distribution (Small 46/2019). Small, 2019, 15, 1970247.	10.0	1
22	Application of Transmural Flow Across In Vitro Microvasculature Enables Direct Sampling of Interstitial Therapeutic Molecule Distribution. Small, 2019, 15, e1902393.	10.0	37
23	Mathematical analysis, finite element approximation and numerical solvers for the interaction of 3D reservoirs with 1D wells. GEM - International Journal on Geomathematics, 2019, 10, 1.	1.6	20
24	A tissue chamber chip for assessing nanoparticle mobility in the extravascular space. Biomedical Microdevices, 2019, 21, 41.	2.8	5
25	Multiscale Modeling of Glacial Loading by a 3D Thermo-Hydro-Mechanical Approach Including Erosion and Isostasy. Geosciences (Switzerland), 2019, 9, 465.	2.2	3
26	Derivation and analysis of coupled PDEs on manifolds with high dimensionality gap arising from topological model reduction. ESAIM: Mathematical Modelling and Numerical Analysis, 2019, 53, 2047-2080.	1.9	27
27	A computational framework for fluid–porous structure interaction with large structural deformation. Meccanica, 2019, 54, 101-121.	2.0	11
28	Numerical simulations of the microvascular fluid balance with a non-linear model of the lymphatic system. Microvascular Research, 2019, 122, 101-110.	2.5	22
29	A computational model for microcirculation including Fahraeusâ€Lindqvist effect, plasma skimming and fluid exchange with the tissue interstitium. International Journal for Numerical Methods in Biomedical Engineering, 2019, 35, e3165.	2.1	27
30	Numerical solvers for a poromechanic problem with a moving boundary. Mathematics in Engineering, 2019, 1, 824-848.	0.9	4
31	Design and validation of an osteochondral bioreactor for the screening of treatments for osteoarthritis. Biomedical Microdevices, 2018, 20, 18.	2.8	20
32	A Lagrange multiplier method for a Stokes–Biot fluid–poroelastic structure interaction model. Numerische Mathematik, 2018, 140, 513-553.	1.9	54
33	Mathematical modeling, analysis and numerical approximation of second-order elliptic problems with inclusions. Mathematical Models and Methods in Applied Sciences, 2018, 28, 953-978.	3.3	37
34	A mixed finite element method for modeling the fluid exchange between microcirculation and tissue interstitium. AIP Conference Proceedings, 2018, , .	0.4	0
35	A Multiscale Modeling Approach to Transport of Nano-Constructs in Biological Tissues. Lecture Notes in Computational Science and Engineering, 2017, , 109-138.	0.3	1
36	Unfitted FEM for Modelling the Interaction of Multiple Fractures in a Poroelastic Medium. Lecture Notes in Computational Science and Engineering, 2017, , 331-352.	0.3	9

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37	Distributed and Lumped Parameter Models for the Characterization of High Throughput Bioreactors. PLoS ONE, 2016, 11, e0162774.	2.5	16
38	Inertial Motions of a Rigid Body with a Cavity Filled with a Viscous Liquid. Archive for Rational Mechanics and Analysis, 2016, 221, 487-526.	2.4	26
39	A computational study of cancer hyperthermia based on vascular magnetic nanoconstructs. Royal Society Open Science, 2016, 3, 160287.	2.4	38
40	A Mixed Finite Element Method for Modeling the Fluid Exchange Between Microcirculation and Tissue Interstitium. SEMA SIMAI Springer Series, 2016, , 3-25.	0.7	14
41	Integrated Stent Models Based on Dimension Reduction: Review and Future Perspectives. Annals of Biomedical Engineering, 2016, 44, 604-617.	2.5	13
42	Computational analysis of energy distribution of coupled blood flow and arterial deformation. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2016, 8, 70-85.	1.1	11
43	Modelling mass and heat transfer in nano-based cancer hyperthermia. Royal Society Open Science, 2015, 2, 150447.	2.4	60
44	Effects of Poroelasticity on Fluid-Structure Interaction in Arteries: a Computational Sensitivity Study. Modeling, Simulation and Applications, 2015, , 197-220.	1.3	6
45	Theory and application of arterial tissue in-host remodelling. , 2015, 2015, 1869-72.		Ο
46	Partitioning strategies for the interaction of a fluid with a poroelastic material based on a Nitsche's coupling approach. Computer Methods in Applied Mechanics and Engineering, 2015, 292, 138-170.	6.6	68
47	An operator splitting approach for the interaction between a fluid and a multilayered poroelastic structure. Numerical Methods for Partial Differential Equations, 2015, 31, 1054-1100.	3.6	47
48	Stabilized extended finite elements for the approximation of saddle point problems with unfitted interfaces. Calcolo, 2015, 52, 123-152.	1.1	28
49	Simulation of Flow in Fractured Poroelastic Media: A Comparison of Different Discretization Approaches. Lecture Notes in Computer Science, 2015, , 3-14.	1.3	3
50	Numerical Investigation of Convergence Rates for the FEM Approximation of 3D-1D Coupled Problems. Lecture Notes in Computational Science and Engineering, 2015, , 727-734.	0.3	2
51	Fluid-structure interaction in arteries with a poroelastic wall model. , 2014, , .		3
52	A computational study of microscale flow and mass transport in vasculatized tumors. , 2014, , .		0
53	Introduction: 31st Annual Gallery of Fluid Motion (Pittsburgh, Pennsylvania, USA, 2013). Physics of Fluids, 2014, 26, 091101.	4.0	0
54	A computational model of drug delivery through microcirculation to compare different tumor treatments. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 1347-1371.	2.1	85

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55	Hyperbolic–Parabolic Coupling and the Occurrence of Resonance in Partially Dissipative Systems. Advances in Mathematical Fluid Mechanics, 2014, , 197-256.	0.1	1
56	Computational models for fluid exchange between microcirculation and tissue interstitium. Networks and Heterogeneous Media, 2014, 9, 135-159.	1.1	50
57	Stent deformation, physical stress, and drug elution obtained with provisional stenting, conventional culotte and Tryton-based culotte to treat bifurcations: a virtual simulation study. EuroIntervention, 2014, 9, 1441-1453.	3.2	25
58	Drug delivery patterns for different stenting techniques in coronary bifurcations: a comparative computational study. Biomechanics and Modeling in Mechanobiology, 2013, 12, 657-669.	2.8	35
59	Inertial motions of a rigid body with a cavity filled with a viscous liquid. Comptes Rendus - Mecanique, 2013, 341, 760-765.	2.1	13
60	Analysis of backward Euler/extended finite element discretization of parabolic problems with moving interfaces. Computer Methods in Applied Mechanics and Engineering, 2013, 258, 152-165.	6.6	19
61	Multiscale modeling of diffusion phenomena in polymers. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2013, , 71-86.	0.6	0
62	A Primer on PDEs. Unitext, 2013, , .	0.1	5
63	Simulation of oxygen transfer in stented arteries and correlation with inâ€stent restenosis. International Journal for Numerical Methods in Biomedical Engineering, 2013, 29, 1373-1387.	2.1	29
64	Reaction-diffusion models. Unitext, 2013, , 139-188.	0.1	1
65	An Immersed Boundary Method for Drug Release Applied to Drug Eluting Stents Dedicated to Arterial Bifurcations. , 2013, , 401-409.		1
66	Solutions of selected exercises. Unitext, 2013, , 389-446.	0.1	0
67	Scalar Conservation Laws. Unitext, 2013, , 17-58.	0.1	1
68	Waves and vibrations. Unitext, 2013, , 189-240.	0.1	0
69	Multiscale computational analysis of degradable polymers. Modeling, Simulation and Applications, 2012, , 333-361.	1.3	1
70	Numerical treatment of boundary conditions to replace lateral branches in hemodynamics. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 1165-1183.	2.1	23
71	Numerical approximation with Nitsche's coupling of transient Stokes'/Darcy's flow problems applied to hemodynamics. Applied Numerical Mathematics, 2012, 62, 378-395.	2.1	17
72	Multiphysics Computational Modeling in Cartilage Tissue Engineering. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , 267-285.	1.0	3

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14Model Reduction Strategies Enable Computational Analysis of Controlled Drug Release from cardiovascular Stens, SIAM Journal on Applied Mathematics, 2011, 71, 2312-2333.1.82.615Controlled Release with Finite Dissolution Rate. SIAM Journal on Applied Mathematics, 2011, 71, 731-752.1.81.016Robust numerical approximation of coupled Stoker and Darry's flows applied to vascular bemodynamics and buchemical transport. ESAIM: Mathematical Modeling and Numerical Analysis, spinol, 45, 444-476.1.92.017An unfitted Interface penelty method for the numerical approximation of contrast problems. Applied2.12.618Anultiphysics/multiscale 2D numerical Simulation of scaffold-based cartilage regeneration under interstitial perfusion in a bioreactor. Biomechanics and Modeling in Mechanobiology, 2011, 10, 577-589.2.89.019Tennels in biomedical engineering; focus on Smart Bio-Materials and Drug Delivery. Journal of Applied0.49.010Interface Mathematics, 2013, 9, 87-97.0.41.01.010Rometrials and Biomechanics, 2011, 9, 87-97.0.41.01.011Anultiscale Mixture Model for Polymer Degradation and Erosion., 2010,0.49.01.012AMultiscale Mixture Model for Polymer Degradation, crossin and drug release from polydisprese polymeric1.46.413ModelLING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENAL INTERARTERAL TISSUE3.02.114ModelLing Control Science on Wethor Science of Drug Prises0.61.115Numerical Approximation of Long presesse from polydisprese	73	Analysis of an evolution problem for controlled drug release. BoletÃn De La Sociedad EspaÑola De MatemÃŧica Aplicada, 2011, 56, 63-79.	0.9	0
73Controlled Release with Finite Dissolution Rate. SIAM Journal on Applied Mathematics, 2011, 71, 731-752.1.81176Remodynamics and Discolution Rate. SIAM. Mathematical Modelling and Numerical Analysis, 2011, 45, 447-476.1.95277An unfitted interface penalty method for the numerical approximation of courbast problems. Applied Mumerical Mathematics, 2011, 41, 1059-1076.2.12.078Interface penalty method for the numerical approximation of contrast problems. Applied Mumerical Mathematics, 2011, 10, 1059-1076.2.84979Trends in biomedical engineering: focus on Smart Bio Materials and Drug Delivery. Journal of Applied 	74	Model Reduction Strategies Enable Computational Analysis of Controlled Drug Release from Cardiovascular Stents. SIAM Journal on Applied Mathematics, 2011, 71, 2312-2333.	1.8	25
70Robust numerical approximation of coupled Stokes' and Darcy's flows applied to vascular hemodenantics and blochemical transport. ESAMM: Mathematical Modelling and Numerical Analysis, An unfitted interface penalty method for the numerical approximation of contrast problems. Applied An undiffed interface penalty method for the numerical approximation of contrast problems. Applied An undiffed interface penalty method for the numerical approximation of contrast problems. Applied An undiffed interface penalty method for the numerical approximation of contrast problems. Applied An undiffed interface penalty method for the numerical approximation of contrast problems. Applied Biomaterials and Biomechanics, 2011, 9, 17927.2.849070Ternds in biomedical engineering: focus on Smart Bio-Materials and Drug Delivery. Journal of Applied Biomaterials and Biomechanics, 2011, 9, 8797.0.4181Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture Computational Science and Engineering, 2011, 227,282.0.4182A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010, .1.46.483Amilture model for water uptake, degradation, erosion and drug release from polydisperse polymeric networks. Biomaterials, 2010, 31, 3032-3042.3.32484Discontinuous Calerkin Methods Based on Weighted Interior Penalties for Second Order PDEs 2005.003.2.31185Discontinuous Calerkin Methods Based on Weighted Interior Penalties for Second Order PDEs 2005.003.2.31186Discontinuous Calerkin Methods Based on Weighted Interior Penalties for Heterogeneous Incompressible 2005.003.2.31287Numerical si	75	Controlled Release with Finite Dissolution Rate. SIAM Journal on Applied Mathematics, 2011, 71, 731-752.	1.8	11
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78A multiphysics/multiscale 2D numerical simulation of scaffold-based cartilage regeneration under interstitial perfusion in a biorecator. Biomechanics and Modeling in Mechanobiology, 2011, 10, 577-589.2.84979Trends in biomedical engineering: focus on Smart Bio-Materials and Drug Delivery. Journal of Applied0.4980Trends in biomedical engineering: focus on Patient Specific Modeling and Life Support Systems.0.4181Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture Notes in Computational Science and Engineering, 2011, 227-282.0.31582A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010, .1146484MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE Mathematical Models and Methods In Applied Sciences, 2010, 20, 1759-1786.3.32485Numerical approximation of incompressible flows with net flux defective boundary conditions by means of patient Science for polymer Polymer, 2009, 198, 3633-3644.6.68186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withANon-smooth Coefficients, Journal of Scientific, Computing, 2009, 188, 3633-3644.6.68187Invito alle equazioni a derivate parziali. Unitext, 2009,0.11188Invito alle equazioni a derivate parziali. Unitext, 2009,0.1189Invito alle equazioni a derivate parziali. Unitext, 2009,0.1180Applied Buenaterials and Engineering, 2009, 198, 3633-3644.0.1181Invito a	77	An unfitted interface penalty method for the numerical approximation of contrast problems. Applied Numerical Mathematics, 2011, 61, 1059-1076.	2.1	26
79Trends in biomedical engineering: focus on Smart Bio-Materials and Drug Delivery. Journal of Applied0.4980Tends in biomedical engineering: focus on Patient Specific Modeling and Life Support Systems.0.4181Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture0.31582A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010, .1183Anikture model for water uptake, degradation, erosion and drug release from polydisperse polymeric11.46484MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE.3.32485Mumerical approximation of incompressible flows with net flux defective boundary conditions by means of pensity techniques. Computer Methods in Applied Mechanics and Engineering. 2009, 38, 99-126.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withANon-smooth Coefficients. Journal of Scientific Computing. 2009, 38, 99-126.6.68187Invito alle equazioni a derivate parziali. Unitext, 2009,0.1189A Finite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible Flows. SXM Journal of Augeled Mechanics and Engineering. 2009, 147, 3990-4020.2.316	78	A multiphysics/multiscale 2D numerical simulation of scaffold-based cartilage regeneration under interstitial perfusion in a bioreactor. Biomechanics and Modeling in Mechanobiology, 2011, 10, 577-589.	2.8	49
80Trends in biomedical engineering: focus on Patient Specific Modeling and Life Support Systems.0.4181Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture0.31582A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010, ,.1183A mixture model for water uptake, degradation, erosion and drug release from polydisperse polymeric1.46484MODELINC POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE3.32484Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods In Applied Sciences, 2010, 20, 1759-1786.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withANon-smooth Coefficients, Journal of Scientific Computing, 2009, 188, 99-126.6.68187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. Computer Methods in Applied Mechanics and Engineering, 2009, 188, 93-3644.6.68188Invito alle equazioni a derivate parziali. Unitext, 2009, , .0.11	79	Trends in biomedical engineering: focus on Smart Bio-Materials and Drug Delivery. Journal of Applied Biomaterials and Biomechanics, 2011, 9, 87-97.	0.4	9
81Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture0.31582A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010, , .183A mixture model for water uptake, degradation, erosion and drug release from polydisperse polymeric11.46484MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE3.32484MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE3.32485Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3026-3038.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withANon-smooth Coefficients, Journal of Scientific Computing, 2009, 38, 99-126.6.68187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. 	80	Trends in biomedical engineering: focus on Patient Specific Modeling and Life Support Systems. Journal of Applied Biomaterials and Biomechanics, 2011, 9, 109-117.	0.4	1
82A Multiscale Mixture Model for Polymer Degradation and Erosion., 2010,183A mixture model for water uptake, degradation, erosion and drug release from polydisperse polymeric11.46484MODELINC POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE3.32484Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 363-3644.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs with ANon-smooth Coefficients. Journal of Scientific Computing, 2009, 198, 363-3644.6.68187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. computer Methods in Applied Mechanics, fluid dynamics and drug release.0.1188Invito alle equazioni a derivate parziali. Unitext, 2009,0.11289FInite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible2.316	81	Numerical Approximation of Large Contrast Problems with the Unfitted Nitsche Method. Lecture Notes in Computational Science and Engineering, 2011, , 227-282.	0.3	15
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84MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE.3.32485Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3026-3038.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withANon-smooth Coefficients. Journal of Scientific Computing, 2009, 38, 99-126.2.31187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3633-3644.6.68188Invito alle equazioni a derivate parziali. Unitext, 2009,0.1189AFinite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible Flows. SIAM Journal on Numerical Analysis, 2009, 47, 3990-4020.2.316	83	A mixture model for water uptake, degradation, erosion and drug release from polydisperse polymeric networks. Biomaterials, 2010, 31, 3032-3042.	11.4	64
85Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3026-3038.6.61186Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withÅNon-smooth Coefficients. Journal of Scientific Computing, 2009, 38, 99-126.2.31187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3633-3644.6.68188Invito alle equazioni a derivate parziali. Unitext, 2009, , .0.1189A Finite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible Flows. SIAM Journal on Numerical Analysis, 2009, 47, 3990-4020.2.316	84	MODELING POLYMERIC CONTROLLED DRUG RELEASE AND TRANSPORT PHENOMENA IN THE ARTERIAL TISSUE. Mathematical Models and Methods in Applied Sciences, 2010, 20, 1759-1786.	3.3	24
86Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withÅNon-smooth Coefficients. Journal of Scientific Computing, 2009, 38, 99-126.2.31187Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3633-3644.6.68188Invito alle equazioni a derivate parziali. Unitext, 2009, ,.0.1189Finite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible Flows. SIAM Journal on Numerical Analysis, 2009, 47, 3990-4020.2.316	85	Numerical approximation of incompressible flows with net flux defective boundary conditions by means of penalty techniques. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3026-3038.	6.6	11
87Numerical simulation of drug eluting coronary stents: Mechanics, fluid dynamics and drug release. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3633-3644.6.68188Invito alle equazioni a derivate parziali. Unitext, 2009, , .0.1189A Finite Element Method Based on Weighted Interior Penalties for Heterogeneous Incompressible Flows. SIAM Journal on Numerical Analysis, 2009, 47, 3990-4020.2.316	86	Discontinuous Galerkin Methods Based on Weighted Interior Penalties for Second Order PDEs withÂNon-smooth Coefficients. Journal of Scientific Computing, 2009, 38, 99-126.	2.3	11
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