

Chunmei Wang

List of Publications by Year in descending order

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28
papers

1,154
citations

687363

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526287

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28
all docs

28
docs citations

28
times ranked

2083
citing authors

#	ARTICLE	IF	CITATIONS
1	A new numerical method for div-curl systems with low regularity assumptions. Computers and Mathematics With Applications, 2022, 114, 47-59.	2.7	5
2	A primal-dual finite element method for transport equations in non-divergence form. Journal of Computational and Applied Mathematics, 2022, 412, 114313.	2.0	6
3	New primal-dual weak Galerkin finite element methods for convection-diffusion problems. Applied Numerical Mathematics, 2021, 162, 171-191.	2.1	7
4	Structure probing neural network deflation. Journal of Computational Physics, 2021, 434, 110231.	3.8	4
5	Low regularity primal-dual weak Galerkin finite element methods for convection-diffusion equations. Journal of Computational and Applied Mathematics, 2021, 394, 113543.	2.0	10
6	Primal-dual weak Galerkin finite element methods for elliptic Cauchy problems. Computers and Mathematics With Applications, 2020, 79, 746-763.	2.7	18
7	Superconvergence of the gradient approximation for weak Galerkin finite element methods on nonuniform rectangular partitions. Applied Numerical Mathematics, 2020, 150, 396-417.	2.1	12
8	A new primal-dual weak Galerkin finite element method for ill-posed elliptic Cauchy problems. Journal of Computational and Applied Mathematics, 2020, 371, 112629.	2.0	10
9	A Primal-Dual Weak Galerkin Finite Element Method for Fokker-Planck Type Equations. SIAM Journal on Numerical Analysis, 2020, 58, 2632-2661.	2.3	12
10	A primal-dual finite element method for first-order transport problems. Journal of Computational Physics, 2020, 417, 109571.	3.8	9
11	Superconvergence of numerical gradient for weak Galerkin finite element methods on nonuniform Cartesian partitions in three dimensions. Computers and Mathematics With Applications, 2019, 78, 905-928.	2.7	8
12	A Bivariate Spline Method for Second Order Elliptic Equations in Non-divergence Form. Journal of Scientific Computing, 2018, 75, 803-829.	2.3	2
13	Superconvergence of Ritz-Galerkin finite element approximations for second order elliptic problems. Numerical Methods for Partial Differential Equations, 2018, 34, 838-856.	3.6	2
14	New discretization schemes for time-harmonic Maxwell equations by weak Galerkin finite element methods. Journal of Computational and Applied Mathematics, 2018, 341, 127-143.	2.0	16
15	A Weak Galerkin Finite Element Method for a Type of Fourth Order Problem Arising from Fluorescence Tomography. Journal of Scientific Computing, 2017, 71, 897-918.	2.3	6
16	A primal-dual weak Galerkin finite element method for second order elliptic equations in non-divergence form. Mathematics of Computation, 2017, 87, 515-545.	2.1	51
17	Discretization of div-curl Systems by Weak Galerkin Finite Element Methods on Polyhedral Partitions. Journal of Scientific Computing, 2016, 68, 1144-1171.	2.3	26
18	A locking-free weak Galerkin finite element method for elasticity problems in the primal formulation. Journal of Computational and Applied Mathematics, 2016, 307, 346-366.	2.0	57

#	ARTICLE	IF	CITATIONS
19	A preconditioner for the FETI-DP method for mortar-type Crouzeix-Raviart element discretization. <i>Applications of Mathematics</i> , 2014, 59, 653-672.	0.9	0
20	EEF1A2 inactivates p53 by way of PI3K/AKT/mTOR-dependent stabilization of MDM4 in hepatocellular carcinoma. <i>Hepatology</i> , 2014, 59, 1886-1899.	7.3	74
21	An efficient numerical scheme for the biharmonic equation by weak Galerkin finite element methods on polygonal or polyhedral meshes. <i>Computers and Mathematics With Applications</i> , 2014, 68, 2314-2330.	2.7	66
22	Functional crosstalk between AKT/mTOR and Ras/MAPK pathways in hepatocarcinogenesis: Implications for the treatment of human liver cancer. <i>Cell Cycle</i> , 2013, 12, 1999-2010.	2.6	82
23	SCD1 Expression Is Dispensable for Hepatocarcinogenesis Induced by AKT and Ras Oncogenes in Mice. <i>PLoS ONE</i> , 2013, 8, e75104.	2.5	17
24	The Metabolic Profile of Tumors Depends on Both the Responsible Genetic Lesion and Tissue Type. <i>Cell Metabolism</i> , 2012, 15, 157-170.	16.2	553
25	Bmi1 Is Required for Hepatic Progenitor Cell Expansion and Liver Tumor Development. <i>PLoS ONE</i> , 2012, 7, e46472.	2.5	31
26	Evolution and suppression of HBV strains with multidrug resistance to lamivudine, adefovir dipivoxil and entecavir in a patient with chronic hepatitis B. <i>Antiviral Therapy</i> , 2010, 15, 1185-1190.	1.0	33
27	A seed-specific AP2-domain transcription factor from soybean plays a certain role in regulation of seed germination. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 336-345.	1.3	31
28	Genetic variations of glycinin subunit genes among cultivated and wild type soybean species. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 33-41.	4.4	6