Siegfried Carl

List of Publications by Year
in descending order

60 papers	791 citations	687363 13 h-index	552781 26 g-index
63 all docs	63 docs citations	63 times ranked	227 citing authors

#	Article	IF	Citations
1	Fixed Point Theory in Ordered Sets and Applications. , 2011, , .		61
2	Sign-changing and multiple solutions for thep-Laplacian. Abstract and Applied Analysis, 2002, 7, 613-625.	0.7	60
3	Constant-sign and sign-changing solutions for nonlinear eigenvalue problems. Nonlinear Analysis: Theory, Methods & Applications, 2008, 68, 2668-2676.	1.1	51
4	Extremal solutions for nonvariational quasilinear elliptic systems via expanding trapping regions. Monatshefte Fur Mathematik, 2017, 182, 801-821.	0.9	27
5	General comparison principle for quasilinear elliptic inclusions. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 1105-1112.	1.1	26
6	Multiple and signâ€changing solutions for the multivalued <i>p</i> â€Laplacian equation. Mathematische Nachrichten, 2010, 283, 965-981.	0.8	23
7	Existence and comparison results for noncoercive and nonmonotone multivalued elliptic problems. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 1532-1546.	1.1	19
8	An existence result for elliptic differential inclusions with discontinuous nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 1992, 18, 471-479.	1.1	17
9	Evolutionary variationalâ€"hemivariational inequalities: Existence and comparison results. Journal of Mathematical Analysis and Applications, 2008, 345, 545-558.	1.0	17
10	The monotone iterative technique for a parabolic boundary value problem with discontinuous nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 1989, 13, 1399-1407.	1.1	16
11	On a parabolic boundary value problem with discontinuous nonlinearity. Nonlinear Analysis: Theory, Methods & Applications, 1990, 15, 1091-1095.	1.1	15
12	A combined variationalâ€"monotone iterative method for elliptic boundary value problems with discontinuous nonlinearity. Applicable Analysis, 1992, 43, 21-45.	1.3	13
13	The sub- and supersolution method for variationalâ€"hemivariational inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 816-822.	1.1	13
14	Existence and extremal solutions of parabolic variationalâ€"hemivariational inequalities. Monatshefte Fur Mathematik, 2013, 172, 29-54.	0.9	13
15	Elliptic inequalities with multi-valued operators: Existence, comparison and related variationalâ€"hemivariational type inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2015, 121, 130-152.	1.1	13
16	Quasilinear parabolic variational inequalities with multi-valued lower-order terms. Zeitschrift Fur Angewandte Mathematik Und Physik, 2014, 65, 845-864.	1.4	12
17	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi mathvariant="script">D</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:msup><mml:mrow><mml:mi stretchy="false">(</mml:mo></mml:msup><mml:mrow><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 972 Td (mathvariant=		
18	Trapping region for discontinuous quasilinear elliptic systems of mixed monotone type. Nonlinear Analysis: Theory, Methods & Applications, 2002, 51, 843-863.	1.1	10

#	Article	IF	Citations
19	Multiple solutions for elliptic systems via trapping regions and related nonsmooth potentials. Applicable Analysis, 2015, 94, 1594-1613.	1.3	10
20	Elliptic Variational Inequalities with Discontinuous Multi-Valued Lower Order Terms. Advanced Nonlinear Studies, 2013, 13, 55-78.	1.7	9
21	Fixed point theorems in ordered Banach spaces via quasilinearization. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 3448-3458.	1.1	8
22	Extremal and sign-changing solutions of supercritical logistic-type equations in $\mathbb{R}^N$ R N. Calculus of Variations and Partial Differential Equations, 2015, 54, 4143-4164.	1.7	8
23	Extremal solutions of logistic-type equations in exterior domain in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml1" display="inline" overflow="scroll" altimg="si1.gif"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math> Nonlinear Analysis: Theory, Methods & Applications, 2018, 176, 272-287.	1.1	8
24	Parameter-dependent variational–hemivariational inequalities and an unstable degenerate elliptic free boundary problem. Nonlinear Analysis: Real World Applications, 2011, 12, 3185-3198.	1.7	7
25	Multi-Valued Parabolic Variational Inequalities and Related Variational-Hemivariational Inequalities. Advanced Nonlinear Studies, 2014, 14, 631-659.	1.7	7
26	Extremal solutions of p-Laplacian problems in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>,</mml:mo> stretchy="false">(</mml:mo><mml:msup><mml:mrow><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (mathvariant="double-st 2.1 7 Equati	2.1	7
27	Equivalence of Some Multi-Valued Elliptic Variational Inequalities and Variational-Hemivariational Inequalities. Advanced Nonlinear Studies, 2011, 11, 247-263.	1.7	6
28	Existence of extremal periodic solutions for quasilinear parabolic equations. Abstract and Applied Analysis, 1997, 2, 257-270.	0.7	5
29	Existence and multiplicity for quasilinear elliptic inclusions with nonmonotone discontinuous multifunction. Nonlinear Analysis: Real World Applications, 2009, 10, 2326-2334.	1.7	5
30	Comparison Principle For Quasilinear Parabolic Inclusions with Clarke's Gradient. Advanced Nonlinear Studies, 2009, 9, 69-80.	1.7	5
31	Signorini type variational inequality with state-dependent discontinuous multi-valued boundary operators. Nonlinear Analysis: Theory, Methods & Applications, 2013, 92, 138-152.	1.1	5
32	Barrier solutions of elliptic variational inequalities. Nonlinear Analysis: Real World Applications, 2015, 26, 75-92.	1.7	5
33	?^{1,2}(â„^{<i>N</i>}) versus <i>C</i>(â„^{<i>N</i>}) local minimizer on manifolds and multiple solutions for zero-mass equations in â„^{<i>N</i>}. Advances in Calculus of Variations, 2018, 11, 257-272.	1.2	5
34	On a generalized iteration method with applications to fixed point theorems and elliptic systems involving discontinuities. Nonlinear Analysis: Theory, Methods & Applications, 1993, 20, 157-167.	1.1	4
35	General Comparison Principle for Variational-Hemivariational Inequalities. Journal of Inequalities and Applications, 2009, 2009, 184348.	1.1	4
36	Multiple solutions of quasilinear periodic-parabolic inclusions. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 2909-2922.	1.1	4

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37	Variational approach to noncoercive systems of elliptic variational inequalities via trapping region€. Complex Variables and Elliptic Equations, 2012, 57, 169-183.	0.8	4
38	Decay estimates for Wolff potentials in $\mathbb{R}^N$ and gradient-dependent quasilinear elliptic equations. Journal of Differential Equations, 2018, 265, 3685-3708.	2.2	4
39	Extremal solutions of multi-valued variational inequalities in plane exterior domains. Journal of Differential Equations, 2019, 267, 4863-4889.	2.2	4
40	On the existence of extremal solutions for discontinuous elliptic equations under discontinuous flux conditions. Nonlinear Analysis: Theory, Methods & Applications, 1994, 23, 1499-1506.	1.1	3
41	Quasilinear elliptic inclusions of Clarke's gradient type under local growth conditions. Applicable Analysis, 2006, 85, 1527-1540.	1.3	3
42	Existence results for hemivariational inequalities with measures. Applicable Analysis, 2007, 86, 735-753.	1.3	3
43	p-Laplacian Inclusions via Fixed Points for Multifunctions in Posets. Set-Valued and Variational Analysis, 2008, 16, 637-649.	0.5	2
44	Directedness of solution set for some quasilinear multi-valued parabolic problems. Applicable Analysis, 2010, 89, 161-174.	1.3	2
45	Addendum to: Variational approach to noncoercive systems of elliptic variational inequalities via trapping region. Complex Variables and Elliptic Equations, 2012, 57, 921-924.	0.8	2
46	On systems of parabolic variational inequalities with multivalued terms. Monatshefte Fur Mathematik, 2021, 194, 227-260.	0.9	2
47	Komplexe Methoden zur Untersuchung der Verteilung stationärer Punkte von Lösungen partieller Differentialgleichungen höherer Ordnung in der Ebene. Mathematische Nachrichten, 1977, 79, 295-298.	0.8	1
48	Existence and comparison results for quasilinear parrabolic inclusions woth state-dependent subdifferentials*. Optimization, 2001, 49, 51-66.	1.7	1
49	Extremal solutions of a class of dynamic boundary hemivariational inequalities. Journal of Inequalities and Applications, 2002, 2002, 196742.	1.1	1
50	Multi-valued variational inequalities in unbounded domains: existence, comparison and extremal solutions. Applicable Analysis, 0, , 1-30.	1.3	1
51	Extremality and compactness results for elliptic hemivariational inequalities. , 2002, , .		0
52	Sign-Changing Solutions for Nonlinear Elliptic Problems Depending on Parameters. International Journal of Differential Equations, 2010, 2010, 1-33.	0.8	0
53	Invariance of critical points under Kelvin transform and multiple solutions in exterior domains of $\mathbb{R}^2$ R 2. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	1.7	0
54	Multi-Valued Elliptic Variational Inequalities on Convex Sets. Springer Monographs in Mathematics, 2021, , 165-285.	0.2	0

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55	Multi-Valued Parabolic Variational Inequalities on Convex Sets. Springer Monographs in Mathematics, 2021, , 287-354.	0.2	0
56	Multi-Valued Variational Equations. Springer Monographs in Mathematics, 2021, , 75-163.	0.2	0
57	Comparison Results for Quasilinear Elliptic Hemivariational Inequalities. , 2005, , .		0
58	Enclosure of solutions for elliptic boundary value problems with nonmonotone discontinuous nonlinearity. Banach Center Publications, 1994, 29, 105-114.	0.1	0
59	Multi-Valued Variational Inequalities in Unbounded Domains. Springer Monographs in Mathematics, 2021, , 355-464.	0.2	0
60	Multi-Valued Variational Inequalities with Convex Functionals. Springer Monographs in Mathematics, 2021, , 465-569.	0.2	0