

# Sergio Conti

## List of Publications by Year in descending order

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151  
papers

4,292  
citations

136950

32  
h-index

138484

58  
g-index

154  
all docs

154  
docs citations

154  
times ranked

2600  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Mapping QTLs Regulating Morpho-physiological Traits and Yield: Case Studies, Shortcomings and Perspectives in Drought-stressed Maize. <i>Annals of Botany</i> , 2002, 89, 941-963.  | 2.9  | 331       |
| 2  | Crystal symmetry and the reversibility of martensitic transformations. <i>Nature</i> , 2004, 428, 55-59.  | 27.8 | 297       |
| 3  | Time-Dependent Density Functional Theory Beyond the Adiabatic Local Density Approximation. <i>Physical Review Letters</i> , 1997, 79, 4878-4881.  | 7.8  | 226       |
| 4  | Soft elastic response of stretched sheets of nematic elastomers: a numerical study. <i>Journal of the Mechanics and Physics of Solids</i> , 2002, 50, 1431-1451.  | 4.8  | 171       |
| 5  | Dislocation Microstructures and the Effective Behavior of Single Crystals. <i>Archive for Rational Mechanics and Analysis</i> , 2005, 176, 103-147.   | 2.4  | 109       |
| 6  | Semisoft elasticity and director reorientation in stretched sheets of nematic elastomers. <i>Physical Review E</i> , 2002, 66, 061710.  | 2.1  | 97        |
| 7  | Elasticity of an electron liquid. <i>Physical Review B</i> , 1999, 60, 7966-7980.   | 3.2  | 92        |
| 8  | Single-Slip Elastoplastic Microstructures. <i>Archive for Rational Mechanics and Analysis</i> , 2005, 178, 125-148.   | 2.4  | 91        |
| 9  | A New Approach to Counterexamples to L1 Estimates: Korn's Inequality, Geometric Rigidity, and Regularity for Gradients of Separately Convex Functions. <i>Archive for Rational Mechanics and Analysis</i> , 2005, 175, 287-300. | 2.4  | 84        |
| 10 | Confining Thin Elastic Sheets and Folding Paper. <i>Archive for Rational Mechanics and Analysis</i> , 2007, 187, 1-48.  | 2.4  | 75        |
| 11 | Branched microstructures: Scaling and asymptotic self-similarity. <i>Communications on Pure and Applied Mathematics</i> , 2000, 53, 1448-1474.  | 3.1  | 74        |
| 12 | Data-Driven Problems in Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2018, 229, 79-123.   | 2.4  | 72        |
| 13 | Phase field approximation of cohesive fracture models. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2016, 33, 1033-1067.  | 1.4  | 71        |
| 14 | Kinematic description of crystal plasticity in the finite kinematic framework: A micromechanical understanding of $F = F_e F_p$ . <i>Journal of the Mechanics and Physics of Solids</i> , 2014, 67, 40-61.                      | 4.8  | 65        |
| 15 | Rigorous Bounds for the $\Gamma$ -limit of von Kármán Theory of Isotropically Compressed Plates. <i>Journal of Nonlinear Science</i> , 2000, 10, 661-685.   | 2.1  | 62        |
| 16 | Rigidity and gamma convergence for solid-solid phase transitions with $SO(2)$ invariance. <i>Communications on Pure and Applied Mathematics</i> , 2006, 59, 830-868.  | 3.1  | 62        |
| 17 | Shape Optimization Under Uncertainty—A Stochastic Programming Perspective. <i>SIAM Journal on Optimization</i> , 2009, 19, 1610-1632.   | 2.0  | 62        |
| 18 | Dynamic exchange-correlation potentials for the electron gas in dimensionality $D=3$ and $D=2$ . <i>Physical Review B</i> , 1998, 58, 12758-12769.  | 3.2  | 61        |

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|----|---|-----|-----------|
| 19 | Engineering superfluidity in electron-hole double layers. <i>Physical Review B</i> , 1998, 57, R6846-R6849.   | 3.2 | 59        |
| 20 | Energy Scaling of Compressed Elastic Films -Three-Dimensional Elasticity and Reduced Theories. <i>Archive for Rational Mechanics and Analysis</i> , 2002, 164, 1-37.                                | 2.4 | 57        |
| 21 | The internal energy and condensate fraction of a trapped interacting Bose gas. <i>Journal of Physics Condensed Matter</i> , 1997, 9, L33-L38.   | 1.8 | 56        |
| 22 | Coupling of order parameters, chirality, and interfacial structures in multiferroic materials. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 142203.                                       | 1.8 | 52        |
| 23 | A $\gamma$ -convergence result for the two-gradient theory of phase transitions. <i>Communications on Pure and Applied Mathematics</i> , 2002, 55, 857-936.   | 3.1 | 49        |
| 24 | Ground state energy scaling laws during the onset and destruction of the intermediate state in a type I superconductor. <i>Communications on Pure and Applied Mathematics</i> , 2008, 61, 595-626.  | 3.1 | 38        |
| 25 | Modeling and simulation of magnetic-shape-memory polymer composites. <i>Journal of the Mechanics and Physics of Solids</i> , 2007, 55, 1462-1486.   | 4.8 | 37        |
| 26 | The Line-Tension Approximation as the Dilute Limit of Linear-Elastic Dislocations. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 218, 699-755.   | 2.4 | 37        |
| 27 | A recursive-faulting model of distributed damage in confined brittle materials. <i>Journal of the Mechanics and Physics of Solids</i> , 2006, 54, 1972-2003.  | 4.8 | 36        |
| 28 | Collective modes and electronic spectral function in smooth edges of quantum hall systems. <i>Physical Review B</i> , 1996, 54, R14309-R14312.  | 3.2 | 35        |
| 29 | Minimum principles for the trajectories of systems governed by rate problems. <i>Journal of the Mechanics and Physics of Solids</i> , 2008, 56, 1885-1904.  | 4.8 | 35        |
| 30 | Plasmon dispersion and dynamic exchange - correlation potentials from two-pair excitations in degenerate plasmas. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 781-797.                    | 1.8 | 34        |
| 31 | On the Theory of Relaxation in Nonlinear Elasticity with Constraints on the Determinant. <i>Archive for Rational Mechanics and Analysis</i> , 2015, 217, 413-437.                                   | 2.4 | 34        |
| 32 | Data-Driven Finite Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 237, 1-33.  | 2.4 | 34        |
| 33 | A Variational Model for Reconstructive Phase Transformations in Crystals, and their Relation to Dislocations and Plasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2004, 173, 69-88. | 2.4 | 33        |
| 34 | Sharp upper bounds for a variational problem with singular perturbation. <i>Mathematische Annalen</i> , 2007, 338, 119-146.   | 1.4 | 32        |
| 35 | Quasiconvex functions incorporating volumetric constraints are rank-one convex. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2008, 90, 15-30.   | 1.6 | 32        |
| 36 | Sufficient conditions for the validity of the Cauchy-Born rule close to $SO(n)$ . <i>Journal of the European Mathematical Society</i> , 2006, 8, 515-539.   | 1.4 | 31        |

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|----|--|-----|-----------|
| 37 | Singular Kernels, Multiscale Decomposition of Microstructure, and Dislocation Models. Archive for Rational Mechanics and Analysis, 2011, 199, 779-819.   | 2.4 | 31        |
| 38 | Korn-Poincare inequalities for functions with a small jump set. Indiana University Mathematics Journal, 2016, 65, 1373-1399.   | 0.9 | 31        |
| 39 | Approximation of a Brittle Fracture Energy with a Constraint of Non-interpenetration. Archive for Rational Mechanics and Analysis, 2018, 228, 867-889.   | 2.4 | 31        |
| 40 | Modeling of dislocations and relaxation of functionals on 1-currents with discrete multiplicity. Calculus of Variations and Partial Differential Equations, 2015, 54, 1847-1874.   | 1.7 | 30        |
| 41 | Monte Carlo simulations of the charged boson fluid at $T=0$ . Physical Review B, 1996, 53, 9688-9696.  | 3.2 | 29        |
| 42 | Monte Carlo simulations of two-dimensional charged bosons. Physical Review B, 2004, 69, .  | 3.2 | 29        |
| 43 | RELAXATION OF A MODEL IN FINITE PLASTICITY WITH TWO SLIP SYSTEMS. Mathematical Models and Methods in Applied Sciences, 2013, 23, 2111-2128.  | 3.3 | 29        |
| 44 | Energy scaling and branched microstructures in a model for shape-memory alloys with $SO(2)$ invariance. Mathematical Models and Methods in Applied Sciences, 2015, 25, 1091-1124.  | 3.3 | 29        |
| 45 | The exchange - correlation potential for current-density functional theory of frequency-dependent linear response. Journal of Physics Condensed Matter, 1997, 9, L475-L482.  | 1.8 | 28        |
| 46 | Mixed analytical–numerical relaxation in finite single-slip crystal plasticity. Continuum Mechanics and Thermodynamics, 2008, 20, 275-301.   | 2.2 | 28        |
| 47 | Concurrent Multiscale Computing of Deformation Microstructure by Relaxation and Local Enrichment with Application to Single–Crystal Plasticity. Multiscale Modeling and Simulation, 2007, 6, 135-157.  | 1.6 | 27        |
| 48 | $\Gamma$ -convergence for incompressible elastic plates. Calculus of Variations and Partial Differential Equations, 2009, 34, 531-551.   | 1.7 | 27        |
| 49 | Risk Averse Shape Optimization. SIAM Journal on Control and Optimization, 2011, 49, 927-947.   | 2.1 | 27        |
| 50 | The div–curl lemma for sequences whose divergence and curl are compact in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" overflow="scroll">\langle \text{mml:msup}>\langle \text{mml:mi}>W</\text{mml:mi}>\langle \text{mml:mrow}>\langle \text{mml:mo}>\hat{\sim}</\text{mml:mo}>\langle \text{mml:mn}>1</\text{mml:mn}>\langle \text{mml:mO}>, </\text{mml:m}>$ Comptes Rendus Mathematique, 2011, 349, 175-178. | 0.3 | 27        |
| 51 | Derivation of $F = F_p$ as the continuum limit of crystalline slip. Journal of the Mechanics and Physics of Solids, 2016, 89, 231-254.   | 4.8 | 27        |
| 52 | An analytical model of interfacial energy based on a lattice-matching interatomic energy. Journal of the Mechanics and Physics of Solids, 2016, 89, 174-193.   | 4.8 | 26        |
| 53 | Coarsening Rates in Off-Critical Mixtures. SIAM Journal on Mathematical Analysis, 2006, 37, 1732-1741.   | 1.9 | 25        |
| 54 | Relaxation of a class of variational models in crystal plasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 1735-1742.  | 2.1 | 24        |

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|----|---|-----|-----------|
| 55 | Korn's second inequality and geometric rigidity with mixed growth conditions. <i>Calculus of Variations and Partial Differential Equations</i> , 2014, 50, 437-454.   | 1.7 | 24        |
| 56 | Integral Representation for Functionals Defined on SBDp in Dimension Two. <i>Archive for Rational Mechanics and Analysis</i> , 2017, 223, 1337-1374.  | 2.4 | 24        |
| 57 | A Sharp-Interface Limit for a Two-Well Problem in Geometrically Linear Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2006, 179, 413-452.   | 2.4 | 23        |
| 58 | Asymptotic Behavior of Crystal Plasticity with One Slip System in the Limit of Rigid Elasticity. <i>SIAM Journal on Mathematical Analysis</i> , 2011, 43, 2337-2353.  | 1.9 | 23        |
| 59 | Surface structure of ferroelastic domain walls: a continuum elasticity approach. <i>Journal of Physics Condensed Matter</i> , 2001, 13, L847-L854.  | 1.8 | 22        |
| 60 | Self-similar folding patterns and energy scaling in compressed elastic sheets. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2005, 194, 2534-2549.   | 6.6 | 22        |
| 61 | RELAXATION OF SOME TRANSVERSALLY ISOTROPIC ENERGIES AND APPLICATIONS TO SMECTIC A ELASTOMERS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2008, 18, 1-20.  | 3.3 | 22        |
| 62 | Landau-Type Theory of Planar Crystal Plasticity. <i>Physical Review Letters</i> , 2019, 123, 205501.  | 7.8 | 22        |
| 63 | Macroscopic behaviour of magnetic shape-memory polycrystals and polymer composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 481-482, 351-355. | 5.6 | 21        |
| 64 | Dynamics of the two-dimensional electron gas in the lowest Landau level: a continuum elasticity approach. <i>Journal of Physics Condensed Matter</i> , 1998, 10, L779-L786.   | 1.8 | 20        |
| 65 | NOVEL ELECTRON GAS SYSTEMS. <i>International Journal of Modern Physics B</i> , 1999, 13, 479-488.   | 2.0 | 20        |
| 66 | A lower bound for a variational model for pattern formation in shape-memory alloys. <i>Continuum Mechanics and Thermodynamics</i> , 2006, 17, 469-476.  | 2.2 | 20        |
| 67 | A micromechanical damage and fracture model for polymers based on fractional strain-gradient elasticity. <i>Journal of the Mechanics and Physics of Solids</i> , 2015, 74, 175-195.   | 4.8 | 20        |
| 68 | A relaxation method for the energy and morphology of grain boundaries and interfaces. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 94, 388-408.  | 4.8 | 20        |
| 69 | Approximation of functions with small jump sets and existence of strong minimizers of Griffith's energy. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 128, 119-139.   | 1.6 | 19        |
| 70 | Existence of strong minimizers for the Griffith static fracture model in dimension two. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2019, 36, 455-474.   | 1.4 | 19        |
| 71 | Electron correlation and charge transfer instability in bilayered two-dimensional electron gas. <i>Europhysics Letters</i> , 1996, 36, 695-700.   | 2.0 | 18        |
| 72 | Soft elasticity and microstructure in smectic C elastomers. <i>Continuum Mechanics and Thermodynamics</i> , 2006, 18, 319-334.  | 2.2 | 18        |

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|----|---|-----|-----------|
| 73 | Which special functions of bounded deformation have bounded variation?. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2018, 148, 33-50.                     | 1.2 | 18        |
| 74 | Dielectric response of the degenerate plasma of charged bosons in static-local-field approximations. Journal of Physics Condensed Matter, 1994, 6, 8795-8807.                       | 1.8 | 17        |
| 75 | Rank-one convex functions on $2\tilde{A}-2$ symmetric matrices and laminates on rank-three lines. Calculus of Variations and Partial Differential Equations, 2005, 24, 479-493.     | 1.7 | 17        |
| 76 | Rigorous Derivation of $\tilde{A}$ - $\tilde{A}$ 's Theory for Clamped Elastic Membranes Leads to Relaxation. SIAM Journal on Mathematical Analysis, 2006, 38, 657-680.             | 1.9 | 17        |
| 77 | Low volume-fraction microstructures in martensites and crystal plasticity. Mathematical Models and Methods in Applied Sciences, 2016, 26, 1319-1355.                                | 3.3 | 17        |
| 78 | The anomalous yield behavior of fused silica glass. Journal of the Mechanics and Physics of Solids, 2018, 113, 105-125.   | 4.8 | 17        |
| 79 | Existence of Lipschitz minimizers for the three-well problem in solid-solid phase transitions. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2007, 24, 953-962.    | 1.4 | 16        |
| 80 | Optimal scaling laws for ductile fracture derived from strain-gradient microplasticity. Journal of the Mechanics and Physics of Solids, 2014, 62, 295-311.                          | 4.8 | 16        |
| 81 | A nonlocal model of fracture by crazing in polymers. Mechanics of Materials, 2015, 90, 131-139.   | 3.2 | 16        |
| 82 | Density of polyhedral partitions. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.   | 1.7 | 16        |
| 83 | Optimal Scaling in Solids Undergoing Ductile Fracture by Void Sheet Formation. Archive for Rational Mechanics and Analysis, 2014, 212, 331-357.                                     | 2.4 | 15        |
| 84 | Infinite-order laminates in a model in crystal plasticity. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2009, 139, 685-708.                                | 1.2 | 14        |
| 85 | Derivation of Elastic Theories for Thin Sheets and the Constraint of Incompressibility. , 2006, , 225-247.  |     | 14        |
| 86 | Energy Bounds for a Compressed Elastic Film on a Substrate. Journal of Nonlinear Science, 2017, 27, 453-494.  | 2.1 | 13        |
| 87 | Energy scaling laws for geometrically linear elasticity models for microstructures in shape memory alloys. ESAIM - Control, Optimisation and Calculus of Variations, 2020, 26, 115. | 4.8 | 13        |
| 88 | A $\Gamma$ -Convergence Analysis of the Quasicontinuum Method. Multiscale Modeling and Simulation, 2013, 11, 766-794.   | 1.6 | 12        |
| 90 | Hysteresis in magnetic shape memory composites: Modeling and simulation. Journal of the Mechanics and Physics of Solids, 2016, 89, 272-286.   | 4.8 | 12        |



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|-----|--|-----|-----------|
| 109 | A line-tension model of dislocation networks on several slip planes. <i>Mechanics of Materials</i> , 2015, 90, 140-147.  | 3.2 | 7         |
| 110 | Existence of minimizers for the 2d stationary Griffith fracture model. <i>Comptes Rendus Mathematique</i> , 2016, 354, 1055-1059.  | 0.3 | 7         |
| 111 | Stochastic Dominance Constraints in Elastic Shape Optimization. <i>SIAM Journal on Control and Optimization</i> , 2018, 56, 3021-3034.   | 2.1 | 7         |
| 112 | Symmetric Div-Quasiconvexity and the Relaxation of Static Problems. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 235, 841-880.                                       | 2.4 | 7         |
| 113 | Relaxation and the Computation of Effective Energies and Microstructures in Solid Mechanics. , 2006, , 197-224.  |     | 7         |
| 114 | Upper bounds on plasmon dispersion in the degenerate boson plasma. <i>Journal of Physics Condensed Matter</i> , 1995, 7, L85-L88.  | 1.8 | 6         |
| 115 | Bosonization theory for tunneling spectra in smooth edges of quantum Hall systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997, 1, 101-104.                | 2.7 | 6         |
| 116 | Divergent Selection for Heading Date in Barley. <i>Plant Breeding</i> , 1986, 97, 345-351.   | 1.9 | 5         |
| 117 | Improved bounds for composites and rigidity of gradient fields. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2007, 463, 2031-2048. | 2.1 | 5         |
| 118 | A BV functional and its relaxation for joint motion estimation and image sequence recovery. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2015, 49, 1463-1487.     | 1.9 | 5         |
| 119 | A branched transport limit of the Ginzburg-Landau functional. <i>Journal De L'Ecole Polytechnique - Mathematiques</i> , 0, 5, 317-375.   | 0.0 | 5         |
| 120 | Asymptotic Self-Similarity of Minimizers and Local Bounds in a Model of Shape-Memory Alloys. <i>Journal of Elasticity</i> , 2021, 147, 149-200.                                    | 1.9 | 5         |
| 121 | Sum rules for density and particle excitations in a superfluid of charged bosons. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 1921-1936.                                 | 1.8 | 4         |
| 122 | Dynamic exchange-correlation potentials for the 2D electron gas. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997, 1, 188-190.                                  | 2.7 | 4         |
| 123 | Polyconvexity equals rank-one convexity for connected isotropic sets in. <i>Comptes Rendus Mathematique</i> , 2003, 337, 233-238.  | 0.3 | 4         |
| 124 | Nonuniversality in Low-Volume-Fraction Ostwald Ripening. <i>Journal of Statistical Physics</i> , 2006, 124, 231-259.   | 1.2 | 4         |
| 125 | Relaxation in crystal plasticity with three active slip systems. <i>Continuum Mechanics and Thermodynamics</i> , 2016, 28, 1477-1494.  | 2.2 | 4         |
| 126 | Numerical Study of Microstructures in Single-Slip Finite Elastoplasticity. <i>Journal of Optimization Theory and Applications</i> , 2020, 184, 43-60.                              | 1.5 | 4         |



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|-----|---|-----|-----------|
| 127 | Cohesive Fracture in 1D: Quasi-static Evolution and Derivation from Static Phase-Field Models. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 1501-1576.                     | 2.4 | 4         |
| 128 | On Shape Optimization with Stochastic Loadings. <i>International Series of Numerical Mathematics</i> , 2012, , 215-243.   | 1.1 | 4         |
| 129 | Exchangeâ€correlation potential for the local densityâ€functional theory of frequencyâ€dependent linear response. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 193, K11.          | 1.5 | 3         |
| 130 | Geometrically nonlinear models in crystal plasticity and the limit of rigid elasticity. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2010, 10, 3-6.                              | 0.2 | 3         |
| 131 | Modeling and Simulation of Large Microstructured Particles in Magneticâ€Shapeâ€Memory Composites. <i>Advanced Engineering Materials</i> , 2012, 14, 582-588.                                  | 3.5 | 3         |
| 132 | Viscosity spectra of a dilute Bose fluid. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 250, 177-184.  | 2.1 | 2         |
| 133 | Dynamical correlations in a half-filled Landau level. <i>Physical Review B</i> , 1999, 59, 2867-2870.   | 3.2 | 2         |
| 134 | Analytical and Numerical Tools for Relaxation in Crystal Plasticity. <i>Procedia IUTAM</i> , 2017, 20, 56-65.   | 1.2 | 2         |
| 135 | Homogenization in Magnetic-Shape-Memory Polymer Composites. <i>International Series of Numerical Mathematics</i> , 2018, , 1-17.  | 1.1 | 2         |
| 136 | Quasiconvex envelope for a model of finite elastoplasticity with one active slip system and linear hardening. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 32, 1187-1196.            | 2.2 | 2         |
| 137 | Two-Stage Stochastic Optimization Meets Two-Scale Simulation. <i>International Series of Numerical Mathematics</i> , 2014, , 193-211.   | 1.1 | 2         |
| 138 | A pessimistic bilevel stochastic problem for elastic shape optimization. <i>Mathematical Programming</i> , 2023, 198, 1125-1151.  | 2.4 | 2         |
| 139 | On scalar metrics that maximize geodesic distances in the plane. <i>Calculus of Variations and Partial Differential Equations</i> , 2011, 41, 151-177.  | 1.7 | 1         |
| 140 | <i>a posteriori</i> modeling error estimates in the optimization of two-scale elastic composite materials. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2018, 52, 1457-1476. | 1.9 | 1         |
| 141 | Branched microstructures: Scaling and asymptotic self-similarity. , 2000, 53, 1448.   |     | 1         |
| 142 | A Î“â€convergence result for the twoâ€gradient theory of phase transitions. <i>Communications on Pure and Applied Mathematics</i> , 2002, 55, 857-936.  | 3.1 | 1         |
| 143 | Folding Patterns in Partially Delaminated Thin Films. <i>Lecture Notes in Applied and Computational Mechanics</i> , 2016, , 25-39.  | 2.2 | 1         |
| 144 | Variational modeling of paperboard delamination under bending. <i>Mathematics in Engineering</i> , 2022, 5, 1-28.   | 0.9 | 1         |

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|-----|---|-----|-----------|
| 145 | Exchange-Correlation Potentials in the Electron Gas. , 2002, , 461-465.   |     | 0         |
| 146 | Crystal Symmetry and the Reversibility of Martensitic Transformations.. ChemInform, 2004, 35, no.   | 0.0 | 0         |
| 147 | Homogenization of vector-valued partition problems and dislocation cell structures in the plane. Bolletino Dell Unione Matematica Italiana, 2017, 10, 3-17.   | 1.0 | 0         |
| 148 | Material Theories. Oberwolfach Reports, 2017, 14, 2047-2099.  | 0.0 | 0         |
| 149 | Asymptotic self similarity in a model of branching in microstructured materials. , 2000, , 442-447.   |     | 0         |
| 150 | Stochastic programming concepts in PDE-constrained shape optimization under uncertainty. , 2014, , 2567-2572.   |     | 0         |
| 151 | Some recent results on the convergence of damage to fracture. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2016, 27, 51-60. | 0.6 | 0         |