

Jorge M Pacheco

List of Publications by Year in descending order

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169
papers

12,194
citations

41323

49
h-index

26591

107
g-index

171
all docs

171
docs citations

171
times ranked

4173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Stable leaders pave the way for cooperation under time-dependent exploration rates. <i>Royal Society Open Science</i> , 2021, 8, 200910. | 1.1 | 4 |
| 2 | Financial incentives to poor countries promote net emissions reductions in multilateral climate agreements. <i>One Earth</i> , 2021, 4, 1141-1149. | 3.6 | 8 |
| 3 | Dynamics of informal risk sharing in collective index insurance. <i>Nature Sustainability</i> , 2021, 4, 426-432. | 11.5 | 12 |
| 4 | The complexity of human cooperation under indirect reciprocity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200291. | 1.8 | 20 |
| 5 | Governance of risky public goods under graduated punishment. <i>Journal of Theoretical Biology</i> , 2020, 505, 110423. | 0.8 | 24 |
| 6 | Coalition-structured governance improves cooperation to provide public goods. <i>Scientific Reports</i> , 2020, 10, 9194. | 1.6 | 9 |
| 7 | Evolution of Collective Fairness in Hybrid Populations of Humans and Agents. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 6146-6153. | 3.6 | 23 |
| 8 | Reward and punishment in climate change dilemmas. <i>Scientific Reports</i> , 2019, 9, 16193. | 1.6 | 44 |
| 9 | Social norm complexity and past reputations in the evolution of cooperation. <i>Nature</i> , 2018, 555, 242-245. | 13.7 | 130 |
| 10 | Multiplayer Ultimatum Games and Collective Fairness in Networked Communities. , 2018, , . | | 1 |
| 11 | Structural and temporal patterns of the first global trading market. <i>Royal Society Open Science</i> , 2018, 5, 180577. | 1.1 | 2 |
| 12 | Paths to the adoption of electric vehicles: An evolutionary game theoretical approach. <i>Transportation Research Part B: Methodological</i> , 2018, 113, 24-33. | 2.8 | 79 |
| 13 | Evolutionary dynamics of paroxysmal nocturnal hemoglobinuria. <i>PLoS Computational Biology</i> , 2018, 14, e1006133. | 1.5 | 14 |
| 14 | Incomplete cooperation and co-benefits: deepening climate cooperation with a proliferation of small agreements. <i>Climatic Change</i> , 2017, 144, 65-79. | 1.7 | 17 |
| 15 | Stochastic Dynamics through Hierarchically Embedded Markov Chains. <i>Physical Review Letters</i> , 2017, 118, 058301. | 2.9 | 26 |
| 16 | The Role of Execution Errors in Populations of Ultimatum Bargaining Agents. <i>Lecture Notes in Computer Science</i> , 2017, , 36-50. | 1.0 | 0 |
| 17 | Disease Spreading in Time-Evolving Networked Communities. <i>Theoretical Biology</i> , 2017, , 291-316. | 0.0 | 0 |
| 18 | Structural power and the evolution of collective fairness in social networks. <i>PLoS ONE</i> , 2017, 12, e0175687. | 1.1 | 7 |

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|----|--|-----|-----------|
| 19 | Paradigm shifts and the interplay between state, business and civil sectors. Royal Society Open Science, 2016, 3, 160753. | 1.1 | 11 |
| 20 | An Evolutionary Game Theoretic Approach to Multi-Sector Coordination and Self-Organization. Entropy, 2016, 18, 152. | 1.1 | 18 |
| 21 | Evolution of cooperation under indirect reciprocity and arbitrary exploration rates. Scientific Reports, 2016, 6, 37517. | 1.6 | 30 |
| 22 | Dynamics of Fairness in Groups of Autonomous Learning Agents. Lecture Notes in Computer Science, 2016, , 107-126. | 1.0 | 9 |
| 23 | About the discrete-continuous nature of a hematopoiesis model for Chronic Myeloid Leukemia. Mathematical Biosciences, 2016, 282, 174-180. | 0.9 | 1 |
| 24 | Linking Individual and Collective Behavior in Adaptive Social Networks. Physical Review Letters, 2016, 116, 128702. | 2.9 | 59 |
| 25 | Evolutionary dynamics of collective index insurance. Journal of Mathematical Biology, 2016, 72, 997-1010. | 0.8 | 6 |
| 26 | Social Norms of Cooperation in Small-Scale Societies. PLoS Computational Biology, 2016, 12, e1004709. | 1.5 | 49 |
| 27 | Co-evolutionary Dynamics of Collective Action with Signaling for a Quorum. PLoS Computational Biology, 2015, 11, e1004101. | 1.5 | 20 |
| 28 | Evolutionary dynamics of group fairness. Journal of Theoretical Biology, 2015, 378, 96-102. | 0.8 | 30 |
| 29 | Crime as a complex system. Physics of Life Reviews, 2015, 12, 32-33. | 1.5 | 3 |
| 30 | Cooperation dynamics of polycentric climate governance. Mathematical Models and Methods in Applied Sciences, 2015, 25, 2503-2517. | 1.7 | 26 |
| 31 | Evolution of All-or-None Strategies in Repeated Public Goods Dilemmas. PLoS Computational Biology, 2014, 10, e1003945. | 1.5 | 40 |
| 32 | Origin of Peer Influence in Social Networks. Physical Review Letters, 2014, 112, 098702. | 2.9 | 45 |
| 33 | Climate policies under wealth inequality. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2212-2216. | 3.3 | 112 |
| 34 | Climate governance as a complex adaptive system. Physics of Life Reviews, 2014, 11, 595-597. | 1.5 | 2 |
| 35 | The ecology of cancer from an evolutionary game theory perspective. Interface Focus, 2014, 4, 20140019. | 1.5 | 68 |
| 36 | Climate change governance, cooperation and self-organization. Physics of Life Reviews, 2014, 11, 573-586. | 1.5 | 103 |

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|----|---|-----|-----------|
| 37 | A bottom-up institutional approach to cooperative governance of risky commons. <i>Nature Climate Change</i> , 2013, 3, 797-801. | 8.1 | 137 |
| 38 | Evolution of Fairness and Conditional Cooperation in Public Goods Dilemmas. <i>Springer Proceedings in Complexity</i> , 2013, , 827-830. | 0.2 | 1 |
| 39 | Individual memory and the emergence of cooperation. <i>Animal Behaviour</i> , 2013, 85, 233-239. | 0.8 | 29 |
| 40 | On the dynamics of neutral mutations in a mathematical model for a homogeneous stem cell population. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120810. | 1.5 | 31 |
| 41 | Urban Dynamics, Fractals and Generalized Entropy. <i>Entropy</i> , 2013, 15, 2679-2697. | 1.1 | 12 |
| 42 | Reward from Punishment Does Not Emerge at All Costs. <i>PLoS Computational Biology</i> , 2013, 9, e1002868. | 1.5 | 21 |
| 43 | Evolution of collective action in adaptive social structures. <i>Scientific Reports</i> , 2013, 3, 1521. | 1.6 | 33 |
| 44 | Behavioral Dynamics under Climate Change Dilemmas. , 2013, , 113-124. | | 0 |
| 45 | Cognitive strategies take advantage of the cooperative potential of heterogeneous networks. <i>New Journal of Physics</i> , 2012, 14, 063031. | 1.2 | 28 |
| 46 | How selection pressure changes the nature of social dilemmas in structured populations. <i>New Journal of Physics</i> , 2012, 14, 073035. | 1.2 | 44 |
| 47 | Emergence of Fairness in Repeated Group Interactions. <i>Physical Review Letters</i> , 2012, 108, 158104. | 2.9 | 83 |
| 48 | EVOLUTIONARY DYNAMICS OF CLIMATE CHANGE UNDER COLLECTIVE-RISK DILEMMAS. <i>Mathematical Models and Methods in Applied Sciences</i> , 2012, 22, 1140004. | 1.7 | 45 |
| 49 | Fractal cartography of urban areas. <i>Scientific Reports</i> , 2012, 2, 527. | 1.6 | 43 |
| 50 | Dynamics of N-person snowdrift games in structured populations. <i>Journal of Theoretical Biology</i> , 2012, 315, 81-86. | 0.8 | 74 |
| 51 | From Local to Global Dilemmas in Social Networks. <i>PLoS ONE</i> , 2012, 7, e32114. | 1.1 | 56 |
| 52 | Evolutionary Dynamics of Mutations in Hematopoietic Stem Cells and Beyond. , 2012, , 115-123. | | 0 |
| 53 | The role of diversity in the evolution of cooperation. <i>Journal of Theoretical Biology</i> , 2012, 299, 88-96. | 0.8 | 158 |
| 54 | Evolutionary dynamics of collective action when individual fitness derives from group decisions taken in the past. <i>Journal of Theoretical Biology</i> , 2012, 298, 8-15. | 0.8 | 16 |

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|----|---|-----|-----------|
| 55 | Evolving the Asymmetry of the Prisoner's Dilemma Game in Adaptive Social Structures. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 205-212. | 0.2 | 0 |
| 56 | Tracking the Evolution of Cooperation in Complex Networked Populations. Lecture Notes in Computer Science, 2012, , 86-96. | 1.0 | 0 |
| 57 | Collective Evolutionary Dynamics and Spatial Reciprocity under the N-Person Snowdrift Game. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 178-188. | 0.2 | 1 |
| 58 | Evolutionary Dynamics of Cooperation under the Distributed Prisoner's Dilemma. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 523-532. | 0.2 | 0 |
| 59 | Evolutionary Dynamics of Collective Action. , 2011, , 119-138. | | 6 |
| 60 | Incipient Cognition Solves the Spatial Reciprocity Conundrum of Cooperation. PLoS ONE, 2011, 6, e17939. | 1.1 | 15 |
| 61 | Escaping the tragedy of the commons via directed investments. Journal of Theoretical Biology, 2011, 287, 37-41. | 0.8 | 33 |
| 62 | Stochastic dynamics and the evolution of mutations in stem cells. BMC Biology, 2011, 9, 41. | 1.7 | 20 |
| 63 | Co-evolution of pre-play signaling and cooperation. Journal of Theoretical Biology, 2011, 274, 30-35. | 0.8 | 57 |
| 64 | Modelling hematopoiesis in health and disease. Mathematical and Computer Modelling, 2011, 53, 1546-1557. | 2.0 | 16 |
| 65 | Selection pressure transforms the nature of social dilemmas in adaptive networks. New Journal of Physics, 2011, 13, 013007. | 1.2 | 30 |
| 66 | Risk of collective failure provides an escape from the tragedy of the commons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10421-10425. | 3.3 | 211 |
| 67 | Explaining the in vitro and in vivo differences in leukemia therapy. Cell Cycle, 2011, 10, 1540-1544. | 1.3 | 7 |
| 68 | Dynamics of Mutant Cells in Hierarchical Organized Tissues. PLoS Computational Biology, 2011, 7, e1002290. | 1.5 | 70 |
| 69 | Emergence of Cooperation in Adaptive Social Networks with Behavioral Diversity. Lecture Notes in Computer Science, 2011, , 434-441. | 1.0 | 1 |
| 70 | The Messianic Effect of Pathological Altruism. , 2011, , 301-310. | | 1 |
| 71 | Tyrosine kinase inhibitor therapy can cure chronic myeloid leukemia without hitting leukemic stem cells. Haematologica, 2010, 95, 900-907. | 1.7 | 55 |
| 72 | Somatic mutations and the hierarchy of hematopoiesis. BioEssays, 2010, 32, 1003-1008. | 1.2 | 24 |

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|----|--|-----|-----------|
| 73 | Modeling the architecture and dynamics of hematopoiesis. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 235-244. | 6.6 | 23 |
| 74 | Hierarchically Constrained Dynamics and Emergence of Complex Behavior in Nanohybrids. Small, 2010, 6, 386-390. | 5.2 | 5 |
| 75 | Coevolution of Cooperation, Response to Adverse Social Ties and Network Structure. Games, 2010, 1, 317-337. | 0.4 | 15 |
| 76 | Minimizing CO2 Emissions in a Computing World. , 2010, , . | | 0 |
| 77 | Adaptive Contact Networks Change Effective Disease Infectiousness and Dynamics. PLoS Computational Biology, 2010, 6, e1000895. | 1.5 | 52 |
| 78 | Coordinating towards a Common Good. , 2010, , . | | 1 |
| 79 | Evolutionary Dynamics of Chronic Myeloid Leukemia. Genes and Cancer, 2010, 1, 309-315. | 0.6 | 17 |
| 80 | Reproductive fitness advantage of BCRâ€‘ABL expressing leukemia cells. Cancer Letters, 2010, 294, 43-48. | 3.2 | 12 |
| 81 | Bulk materials made of silicon cage clusters doped with Ti, Zr, or Hf. Journal of Physics Condensed Matter, 2010, 22, 035501. | 0.7 | 18 |
| 82 | Vibrational spectra of silicon cage clusters doped with Ti, Zr, or Hf. Physical Review B, 2010, 82, . | 1.1 | 6 |
| 83 | In silico evolutionary dynamics of tumour virotherapy. Integrative Biology (United Kingdom), 2010, 2, 41-45. | 0.6 | 21 |
| 84 | Reacting Differently to Adverse Ties Promotes Cooperation in Social Networks. Physical Review Letters, 2009, 102, 058105. | 2.9 | 146 |
| 85 | Reply: Evolutionary game theory: lessons and limitations, a cancer perspective. British Journal of Cancer, 2009, 101, 2062-2063. | 2.9 | 4 |
| 86 | Population Structure Induces a Symmetry Breaking Favoring the Emergence of Cooperation. PLoS Computational Biology, 2009, 5, e1000596. | 1.5 | 51 |
| 87 | Evolutionary dynamics of collective action in N -person stag hunt dilemmas. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 315-321. | 1.2 | 285 |
| 88 | Cyclic neutropenia in animals. American Journal of Hematology, 2009, 84, 258-258. | 2.0 | 15 |
| 89 | Progenitor cell self-renewal and cyclic neutropenia. Cell Proliferation, 2009, 42, 330-338. | 2.4 | 24 |
| 90 | Cancer phenotype as the outcome of an evolutionary game between normal and malignant cells. British Journal of Cancer, 2009, 101, 1130-1136. | 2.9 | 101 |

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|-----|--|------|-----------|
| 91 | The allometry of chronic myeloid leukemia. <i>Journal of Theoretical Biology</i> , 2009, 259, 635-640. | 0.8 | 10 |
| 92 | Evolution of cooperation under -person snowdrift games. <i>Journal of Theoretical Biology</i> , 2009, 260, 581-588. | 0.8 | 195 |
| 93 | The coevolution of loyalty and cooperation. , 2009, , . | | 0 |
| 94 | Evolutionary Games in Self-Organizing Populations. <i>Understanding Complex Systems</i> , 2009, , 253-267. | 0.3 | 11 |
| 95 | Repeated games and direct reciprocity under active linking. <i>Journal of Theoretical Biology</i> , 2008, 250, 723-731. | 0.8 | 128 |
| 96 | Some Dynamic Aspects of Hematopoietic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2008, 4, 57-64. | 5.6 | 1 |
| 97 | Cyclic neutropenia in mammals. <i>American Journal of Hematology</i> , 2008, 83, 920-921. | 2.0 | 18 |
| 98 | Social diversity promotes the emergence of cooperation in public goods games. <i>Nature</i> , 2008, 454, 213-216. | 13.7 | 1,144 |
| 99 | The evolution of prompt reaction to adverse ties. <i>BMC Evolutionary Biology</i> , 2008, 8, 287. | 3.2 | 44 |
| 100 | Successful Cancer Treatment: Eradication of Cancer Stem Cells. , 2008, , 179-191. | | 0 |
| 101 | Chronic Myeloid Leukemia: Origin, Development, Response to Therapy, and Relapse. <i>Clinical Leukemia</i> , 2008, 2, 133-139. | 0.2 | 30 |
| 102 | Neutral evolution in paroxysmal nocturnal hemoglobinuria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18496-18500. | 3.3 | 46 |
| 103 | Dynamics of haemopoiesis across mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2389-2392. | 1.2 | 16 |
| 104 | Multiple mutant clones in blood rarely coexist. <i>Physical Review E</i> , 2008, 77, 021915. | 0.8 | 20 |
| 105 | The emergence of tumor metastases. <i>Cancer Biology and Therapy</i> , 2007, 6, 383-390. | 1.5 | 25 |
| 106 | Stability analysis of a bulk material built from silicon cage clusters: A first-principles approach. <i>Physical Review B</i> , 2007, 76, . | 1.1 | 28 |
| 107 | Ontogenic growth of the haemopoietic stem cell pool in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2497-2501. | 1.2 | 24 |
| 108 | Relationship Between Depth of Response and Outcome in Multiple Myeloma. <i>Journal of Clinical Oncology</i> , 2007, 25, 4933-4937. | 0.8 | 40 |

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|-----|--|-----|-----------|
| 109 | Acquired hematopoietic stem-cell disorders and mammalian size. <i>Blood</i> , 2007, 110, 4120-4122. | 0.6 | 18 |
| 110 | Stochastic Dynamics of Hematopoietic Tumor Stem Cells. <i>Cell Cycle</i> , 2007, 6, 461-466. | 1.3 | 88 |
| 111 | Breaking the Symmetry between Interaction and Replacement in Evolutionary Dynamics on Graphs. <i>Physical Review Letters</i> , 2007, 98, 108106. | 2.9 | 235 |
| 112 | On the Origin of Multiple Mutant Clones in Paroxysmal Nocturnal Hemoglobinuria. <i>Stem Cells</i> , 2007, 25, 3081-3084. | 1.4 | 31 |
| 113 | Stochastic payoff evaluation increases the temperature of selection. <i>Journal of Theoretical Biology</i> , 2007, 244, 349-356. | 0.8 | 106 |
| 114 | Pairwise comparison and selection temperature in evolutionary game dynamics. <i>Journal of Theoretical Biology</i> , 2007, 246, 522-529. | 0.8 | 300 |
| 115 | In Vivo and in Silico studies on single versus multiple transplants for multiple myeloma. <i>Cancer Science</i> , 2007, 98, 734-739. | 1.7 | 6 |
| 116 | Serum M-spike and transplant outcome in patients with multiple myeloma. <i>Cancer Science</i> , 2007, 98, 1035-1040. | 1.7 | 15 |
| 117 | Evolutionary graph theory: Breaking the symmetry between interaction and replacement. <i>Journal of Theoretical Biology</i> , 2007, 246, 681-694. | 0.8 | 162 |
| 118 | A Multi-level Selection Model for the Emergence of Social Norms. <i>Lecture Notes in Computer Science</i> , 2007, , 525-534. | 1.0 | 5 |
| 119 | Evolution of Cooperation in a Population of Selfish Adaptive Agents. <i>Lecture Notes in Computer Science</i> , 2007, , 535-544. | 1.0 | 2 |
| 120 | Compartmental Architecture and Dynamics of Hematopoiesis. <i>PLoS ONE</i> , 2007, 2, e345. | 1.1 | 91 |
| 121 | Cooperation Prevails When Individuals Adjust Their Social Ties. <i>PLoS Computational Biology</i> , 2006, 2, e140. | 1.5 | 440 |
| 122 | Evolutionary dynamics of social dilemmas in structured heterogeneous populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3490-3494. | 3.3 | 834 |
| 123 | Allometric Scaling of the Active Hematopoietic Stem Cell Pool across Mammals. <i>PLoS ONE</i> , 2006, 1, e2. | 1.1 | 86 |
| 124 | A new route to the evolution of cooperation. <i>Journal of Evolutionary Biology</i> , 2006, 19, 726-733. | 0.8 | 219 |
| 125 | Active linking in evolutionary games. <i>Journal of Theoretical Biology</i> , 2006, 243, 437-443. | 0.8 | 225 |
| 126 | Silicon metal clusters: Nano-templates for cluster assembled materials. <i>Thin Solid Films</i> , 2006, 515, 1192-1196. | 0.8 | 38 |

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|-----|--|-----|-----------|
| 127 | The evolution of norms. <i>Journal of Theoretical Biology</i> , 2006, 241, 233-240. | 0.8 | 87 |
| 128 | Stern-Judging: A Simple, Successful Norm Which Promotes Cooperation under Indirect Reciprocity. <i>PLoS Computational Biology</i> , 2006, 2, e178. | 1.5 | 134 |
| 129 | Stochasticity and evolutionary stability. <i>Physical Review E</i> , 2006, 74, 021905. | 0.8 | 112 |
| 130 | Stochastic dynamics of invasion and fixation. <i>Physical Review E</i> , 2006, 74, 011909. | 0.8 | 431 |
| 131 | Coevolution of Strategy and Structure in Complex Networks with Dynamical Linking. <i>Physical Review Letters</i> , 2006, 97, 258103. | 2.9 | 578 |
| 132 | Graph topology plays a determinant role in the evolution of cooperation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 51-55. | 1.2 | 311 |
| 133 | Single Versus Multiple Transplants for Multiple Myeloma: Insights from In Vivo and In Silico Studies.. <i>Blood</i> , 2006, 108, 5452-5452. | 0.6 | 0 |
| 134 | The Serum M-Spike and Transplant Outcome in Patients with Multiple Myeloma.. <i>Blood</i> , 2006, 108, 5441-5441. | 0.6 | 0 |
| 135 | Recurrent epidemics in small world networks. <i>Journal of Theoretical Biology</i> , 2005, 233, 553-561. | 0.8 | 72 |
| 136 | Network Dependence of the Dilemmas Of Cooperation. <i>AIP Conference Proceedings</i> , 2005, , . | 0.3 | 19 |
| 137 | Epidemic spreading and cooperation dynamics on homogeneous small-world networks. <i>Physical Review E</i> , 2005, 72, 056128. | 0.8 | 241 |
| 138 | Scale-Free Networks Provide a Unifying Framework for the Emergence of Cooperation. <i>Physical Review Letters</i> , 2005, 95, 098104. | 2.9 | 1,364 |
| 139 | Quantum Size Effects in the Polarizability of Carbon Fullerenes. <i>Physical Review Letters</i> , 2004, 92, 215501. | 2.9 | 62 |
| 140 | Silicon and metal nanotemplates: Size and species dependence of structural and electronic properties. <i>Journal of Chemical Physics</i> , 2003, 119, 10313-10317. | 1.2 | 35 |
| 141 | Structural Identification of Metcars. <i>Physical Review Letters</i> , 2002, 88, 115504. | 2.9 | 44 |
| 142 | Influence of the exchange-correlation potential in density-functional calculations on polarizabilities and absorption spectra of alkali-metal clusters. <i>Physical Review A</i> , 2001, 63, . | 1.0 | 41 |
| 143 | Structural and electronic properties of C36. <i>Journal of Chemical Physics</i> , 2001, 114, 6068-6071. | 1.2 | 17 |
| 144 | Parallelization of a Density Functional Program for Monte-Carlo Simulation of Large Molecules. <i>Lecture Notes in Computer Science</i> , 2001, , 230-241. | 1.0 | 0 |

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|-----|--|-----|-----------|
| 145 | Phase diagram of C60 from ab initio intermolecular potential. Journal of Chemical Physics, 2000, 113, 738-743. | 1.2 | 29 |
| 146 | Effects of geometry in elastic scattering and capture of free electrons by molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, L511-L517. | 0.6 | 3 |
| 147 | Pacheco and SchÃ¶ne Reply.. Physical Review Letters, 1998, 81, 5703-5703. | 2.9 | 5 |
| 148 | First-Principles Determination of the Dispersion Interaction between Fullerenes and Their Intermolecular Potential. Physical Review Letters, 1997, 79, 3873-3876. | 2.9 | 106 |
| 149 | Role of self-interaction effects in the geometry optimization of small metal clusters. Europhysics Letters, 1996, 34, 13-18. | 0.7 | 1 |
| 150 | Microscopic structure of collective density oscillations C60 and C70. Zeitschrift fÃ¼r Physik D-Atoms Molecules and Clusters, 1995, 35, 141-148. | 1.0 | 9 |
| 151 | Effective particle-hole interaction and the optical response of simple-metal clusters. Physical Review B, 1995, 52, 16864-16868. | 1.1 | 12 |
| 152 | Response of metal clusters to elastic electron impact. Physical Review A, 1995, 52, 2173-2178. | 1.0 | 15 |
| 153 | Microscopic description of the plasmon resonance in small deformed metal clusters. Physical Review B, 1994, 49, 10764-10767. | 1.1 | 4 |
| 154 | Reintroduction of ionic structure in the self-consistent jellium model for metal clusters: Pseudopotential perturbation theory. Physical Review B, 1994, 50, 11079-11087. | 1.1 | 32 |
| 155 | Single-particle and collective degrees of freedom in C60. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, L643-L649. | 0.6 | 66 |
| 156 | Photoabsorption cross section of negatively charged alkali-metal clusters. Physical Review B, 1993, 47, 6667-6671. | 1.1 | 7 |
| 157 | Microscopic calculation of the van der Waals interaction between small metal clusters. Physical Review Letters, 1992, 68, 3694-3697. | 2.9 | 21 |
| 158 | Effects of motional narrowing on the plasmon resonance in small metal clusters. Zeitschrift fÃ¼r Physik D-Atoms Molecules and Clusters, 1992, 24, 401-405. | 1.0 | 4 |
| 159 | A new formulation of the dynamical response of many-electron systems and the photoabsorption cross section of small metal clusters. Zeitschrift fÃ¼r Physik D-Atoms Molecules and Clusters, 1992, 24, 65-69. | 1.0 | 31 |
| 160 | The intrinsic line width of the plasmon resonances in metal microclusters at very low temperatures: quantal surface fluctuations. Zeitschrift fÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 21, 289-292. | 1.0 | 28 |
| 161 | Optical response of metal microclusters: Atomic analog of the giant dipole resonance in nuclei. Physical Review B, 1991, 44, 5901-5904. | 1.1 | 13 |
| 162 | Microscopic structure of the plasma resonance in charged potassium microclusters. Physical Review B, 1990, 41, 6088-6091. | 1.1 | 56 |

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|-----|--|-----|-----------|
| 163 | Effect of surface fluctuations in the line shape of plasma resonances in small metal clusters. Physical Review Letters, 1989, 62, 1400-1402. | 2.9 | 99 |
| 164 | Algebraic manipulation of the states associated with the $U(5) \hat{\sim} O(5) \hat{\sim} O(3)$ chain of groups: orthonormalization and matrix elements. Computer Physics Communications, 1989, 54, 315-328. | 3.0 | 12 |
| 165 | An algebraic program for the states associated with the $U(5) \hat{\sim} O(5) \hat{\sim} O(3)$ chain of groups. Computer Physics Communications, 1988, 52, 85-92. | 3.0 | 8 |
| 166 | Time-dependent Hartree-Fock calculation of the escape width of the giant monopole resonance in O_{16} . Physical Review C, 1988, 37, 2257-2260. | 1.1 | 6 |
| 167 | Fluctuations in the Shape Transitions of Hot Nuclei. Physical Review Letters, 1988, 61, 294-297. | 2.9 | 54 |
| 168 | Damping of nuclear excitations at finite temperature. Nuclear Physics A, 1986, 460, 149-163. | 0.6 | 135 |
| 169 | Incomplete Cooperation and Co-Benefits: Deepening Climate Cooperation with a Proliferation of Small Agreements. SSRN Electronic Journal, 0, , . | 0.4 | 3 |