# Kazue Kudo

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 42<br>papers | 506<br>citations | 623574<br>14<br>h-index | 677027<br>22<br>g-index |
| 44<br>all docs | 44<br>docs citations | 44<br>times ranked | 427<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Distance-based clustering using QUBO formulations. Scientific Reports, 2022, 12, 2669. | 1.6 | 11 |
| 2 | Pattern Formation Simulated by an Ising Machine. Journal of the Physical Society of Japan, 2021, 90, 025004. | 0.7 | 0 |
| 3 | Topological Data Analysis of Domain Pattern Formation in Materials. Journal of Smart Processing, 2021, 10, 108-119. | 0.0 | 0 |
| 4 | Scale-invariant relaxation dynamics in two-component Bose-Einstein condensates with large particle-number imbalance. Physical Review A, 2020, 101, . | 1.0 | 1 |
| 5 | Localization in the Constrained Quantum Annealing of Graph Coloring. Journal of the Physical Society of Japan, 2020, 89, 064001. | 0.7 | 5 |
| 6 | Image Analysis Based on Nonnegative/Binary Matrix Factorization. Journal of the Physical Society of Japan, 2020, 89, 085001. | 0.7 | 6 |
| 7 | Sol–Gel Coexisting Phase of Polymer Microgels Triggers Spontaneous Buckling. Langmuir, 2019, 35, 2283-2288. | 1.6 | 4 |
| 8 | Constrained quantum annealing of graph coloring. Physical Review A, 2018, 98, . | 1.0 | 18 |
| 9 | Emergence of Wrinkles during the Curing of Coatings. Gels, 2018, 4, 41. | 2.1 | 5 |
| 10 | Finite-size scaling with respect to interaction and disorder strength at the many-body localization transition. Physical Review B, 2018, 97, . | 1.1 | 20 |
| 11 | Mathematical Modeling of Wrinkle Formation in the Curing Process of Coatings. Journal of the Japan Society of Colour Material, 2018, 91, 327-331. | 0.0 | 0 |
| 12 | Spread of Infectious Diseases: Effects of the Treatment of Population. , 2017, , . | | 1 |
| 13 | Academic Meeting Scheduling Using an Antiferromagnetic Potts Model. Journal of the Physical Society of Japan, 2017, 86, 075002. | 0.7 | 1 |
| 14 | Effects of Landau-Lifshitz-Gilbert damping on domain growth. Physical Review E, 2016, 94, 062215. | 0.8 | 2 |
| 15 | Assessing potential countermeasures against the dengue epidemic in non-tropical urban cities. Theoretical Biology and Medical Modelling, 2016, 13, 12. | 2.1 | 4 |
| 16 | Coarsening dynamics driven by vortex-antivortex annihilation in ferromagnetic Bose-Einstein condensates. Physical Review A, 2015, 91, . | 1.0 | 27 |
| 17 | Simulations of magnetic domain patterns on the surface of Co/Ni multilayers. Surface and Interface Analysis, 2014, 46, 1174-1177. | 0.8 | 1 |
| 18 | Magnetic domain patterns on strong perpendicular magnetization of Co/Ni multilayers as spintronics materials: II. Numerical simulations. Journal of Physics Condensed Matter, 2013, 25, 395005. | 0.7 | 12 |

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|---|---------|-----|-----------|
| 19 | Magnetic domain patterns on strong perpendicular magnetization of Co/Ni multilayers as spintronics materials: I. Dynamic observations. Journal of Physics Condensed Matter, 2013, 25, 406001. | 0.7 | 14 |
| 20 | Magnetic domain growth in a ferromagnetic Bose-Einstein condensate: Effects of current. Physical Review A, 2013, 88, . | 1.0 | 33 |
| 21 | Theoretical Study of Magnetic Anisotropy in Co/Ni Multi-Layers on W(110). Journal of the Vacuum Society of Japan, 2013, 56, 139-141. | 0.3 | 2 |
| 22 | Ring formation by competition between entropic effect and thermophoresis. Soft Matter, 2012, 8, 6775. | 1.2 | 5 |
| 23 | Theoretical analysis of super–Bloch oscillations. Physical Review A, 2011, 83, . | 1.0 | 61 |
| 24 | Dissipative hydrodynamic equation of a ferromagnetic Bose-Einstein condensate: Analogy to magnetization dynamics in conducting ferromagnets. Physical Review A, 2011, 84, . | 1.0 | 19 |
| 25 | Hydrodynamic equation of a spinor dipolar Bose-Einstein condensate. Physical Review A, 2010, 82, . | 1.0 | 27 |
| 26 | Doubly excited ferromagnetic spin chain as a pair of coupled kicked rotors. Physical Review E, 2010, 81, 046201. | 0.8 | 4 |
| 27 | Spontaneous magnetic ordering in a ferromagnetic spinor dipolar Bose-Einstein condensate. Physical Review A, 2010, 82, . | 1.0 | 32 |
| 28 | Level statistics of a pseudo-Hermitian Dicke model. Physical Review E, 2009, 80, 026213. | 0.8 | 20 |
| 29 | Dynamical stability for finite quantum spin chains against a time-periodic inhomogeneous perturbation. Chaos, Solitons and Fractals, 2009, 40, 166-171. | 2.5 | 0 |
| 30 | Control of bound-pair transport by periodic driving. Physical Review A, 2009, 80, . | 1.0 | 30 |
| 31 | Effects of an oscillating field on magnetic domain patterns: Emergence of concentric-ring patterns surrounding a strong defect. Physical Review E, 2009, 80, 016209. | 0.8 | 5 |
| 32 | Quantum transport and spin dynamics on shearless tori. Physical Review E, 2008, 77, 055203. | 0.8 | 7 |
| 33 | Magnetic domain patterns under an oscillating field. , 2008, , . |  | 1 |
| 34 | Field sweep-rate dependence of magnetic domain patterns: Numerical simulations for a simple Ising-like model. Physical Review B, 2007, 76, . | 1.1 | 15 |
| 35 | Magnetic Domain Patterns Depending on the Sweeping Rate of Magnetic Fields. Journal of the Physical Society of Japan, 2007, 76, 013002. | 0.7 | 16 |
| 36 | Effects of an oscillating field on pattern formation in a ferromagnetic thin film: Analysis of patterns traveling at a low velocity. Physical Review E, 2007, 76, 036201. | 0.8 | 2 |

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|---|---------|-----|-----------|
| 37 | Level Statistics of XXZ Spin Chains with Discrete Symmetries: Analysis through Finite-size Effects. Journal of the Physical Society of Japan, 2005, 74, 1992-2000. | 0.7 | 38 |
| 38 | Energy diffusion in frustrated quantum spin chains exhibiting Gaussian orthogonal ensemble level statistics. Physical Review B, 2005, 71, . | 1.1 | 3 |
| 39 | Level statistics of XXZ spin chains with a random magnetic field. Physical Review B, 2004, 69, . | 1.1 | 29 |
| 40 | On the magnetic-field dependence of the longitudinal ultrasonic attenuation in a type-II superconductor. Physica C: Superconductivity and Its Applications, 2003, 385, 501-504. | 0.6 | 1 |
| 41 | Unexpected non-Wigner behavior in level-spacing distributions of next-nearest-neighbor coupled XXZ spin chains. Physical Review B, 2003, 68, . | 1.1 | 19 |
| 42 | Branches in the Spectral Flow of the Inhomogeneous Transfer Matrix for the XXZ Spin Chain. Journal of the Physical Society of Japan, 2003, 72, 1599-1602. | 0.7 | 2 |