

Kenji Kamide

List of Publications by Year in descending order

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42
papers

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all docs

44
docs citations

44
times ranked

382
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Second Thresholds in BEC-BCS-Laser Crossover of Exciton-Polariton Systems. <i>Physical Review Letters</i> , 2013, 111, 026404. | 2.9 | 54 |
| 2 | What Determines the Wave Function of Electron-Hole Pairs in Polariton Condensates?. <i>Physical Review Letters</i> , 2010, 105, 056401. | 2.9 | 51 |
| 3 | BEC-BCS-laser crossover in Coulomb-correlated electron-hole-photon systems. <i>New Journal of Physics</i> , 2012, 14, 065001. | 1.2 | 42 |
| 4 | High-energy side-peak emission of exciton-polariton condensates in high density regime. <i>Scientific Reports</i> , 2016, 6, 25655. | 1.6 | 27 |
| 5 | Ground-state properties of microcavity polariton condensates at arbitrary excitation density. <i>Physical Review B</i> , 2011, 83, . | 1.1 | 25 |
| 6 | Singlet superconductivity phase in carbon nanotubes. <i>Physical Review B</i> , 2003, 68, . | 1.1 | 20 |
| 7 | Strong coupling in non-polar GaN/AlGaIn microcavities with air-gap/III-nitride distributed Bragg reflectors. <i>Applied Physics Letters</i> , 2015, 107, . | 1.5 | 20 |
| 8 | Room-Temperature Observation of Trapped Exciton-Polariton Emission in GaN/AlGaIn Microcavities with Air-Gap/III-Nitride Distributed Bragg Reflectors. <i>ACS Photonics</i> , 2016, 3, 1182-1187. | 3.2 | 19 |
| 9 | Generating functional approach for spontaneous coherence in semiconductor electron-hole-photon systems. <i>Physical Review B</i> , 2015, 91, . | 1.1 | 16 |
| 10 | Method for generating a photonic NOON state with quantum dots in coupled nanocavities. <i>Physical Review A</i> , 2017, 96, . | 1.0 | 15 |
| 11 | Nonequilibrium Theory of the Conversion Efficiency Limit of Solar Cells Including Thermalization and Extraction of Carriers. <i>Physical Review Applied</i> , 2018, 10, . | 1.5 | 12 |
| 12 | First-order superfluid-Mott-insulator transition for quantum-optical switching in cavity-QED arrays with two cavity modes. <i>Physical Review A</i> , 2013, 87, . | 1.0 | 9 |
| 13 | Eigenvalue decomposition method for photon statistics of frequency-filtered fields and its application to quantum dot emitters. <i>Physical Review A</i> , 2015, 92, . | 1.0 | 9 |
| 14 | Analysis of Gain-Switching Characteristics Including Strong Gain Saturation Effects in Low-Dimensional Semiconductor Lasers. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 098001. | 0.8 | 9 |
| 15 | Analysis of Gain-Switching Characteristics Including Strong Gain Saturation Effects in Low-Dimensional Semiconductor Lasers. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 098001. | 0.8 | 8 |
| 16 | Current-voltage curves and operational stability in hot-carrier solar cell. <i>Journal of Applied Physics</i> , 2020, 127, 183102. | 1.1 | 8 |
| 17 | Cavity-Loss Induced Plateau in Coupled Cavity QED Array. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 123001. | 0.7 | 7 |
| 18 | Spin-charge mixing effects on resonant tunneling in a polarized Luttinger liquid. <i>Physical Review B</i> , 2006, 73, . | 1.1 | 6 |

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|----|---|-----|-----------|
| 19 | Robust Carrier-Induced Suppression of Peak Gain Inherent to Quantum-Wire Lasers. Journal of the Physical Society of Japan, 2011, 80, 114716. | 0.7 | 6 |
| 20 | Fano-Resonance Gain by Dephasing Electron-Hole Cooper Pairs in Semiconductors. Journal of the Physical Society of Japan, 2012, 81, 093706. | 0.7 | 6 |
| 21 | Semiclassical theory for a nonequilibrium steady state in microcavity semiconductor lasers. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1250-1253. | 0.8 | 5 |
| 22 | Impact of the dark path on quantum dot single photon emitters in small cavities. Physical Review Letters, 2014, 113, 143604. | 2.9 | 5 |
| 23 | Applicability of continuum absorption in semiconductor quantum wells to absolute absorption-strength standards. Applied Physics Letters, 2012, 101, 032108. | 1.5 | 3 |
| 24 | Heat-Recovery Solar Cell. Physical Review Applied, 2019, 12, . | 1.5 | 3 |
| 25 | Superconducting and density-wave correlation functions in carbon nanotubes. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 218-219. | 1.3 | 2 |
| 26 | Crossover from excitonic to photonic condensation in microcavity polariton systems. Journal of Physics: Conference Series, 2010, 210, 012021. | 0.3 | 2 |
| 27 | Electron transition probabilities in elementary electron-phonon scattering processes using electron-energy-loss spectroscopy: Application to graphite. Physical Review B, 2010, 81, . | 1.1 | 2 |
| 28 | A solar cell enabling heat recovery without fast carrier extraction. , 2018, , . | | 2 |
| 29 | Zeeman effect on resonant tunneling in spin-polarized Tomonaga-Luttinger liquid. Physica B: Condensed Matter, 2005, 359-361, 645-647. | 1.3 | 1 |
| 30 | Scaling of a Single Impurity Potential of Arbitrary Strength in a Tomonaga-Luttinger Liquid. AIP Conference Proceedings, 2006, , . | 0.3 | 1 |
| 31 | Luminescence from an Electron-Hole Drop in Multivalley Semiconductors. Journal of the Physical Society of Japan, 2012, 81, SB060. | 0.7 | 1 |
| 32 | Effects of the Non-Radiative Recombination and Bandgap Reduction in Heat-Recovery Solar Cell. , 2020, , . | | 1 |
| 33 | Effect of quantum fluctuations on bose-einstein condensation of bilayer atomic gases in rapid rotation. Laser Physics, 2008, 18, 641-647. | 0.6 | 0 |
| 34 | Luttinger liquid renormalized by a single impurity. Journal of Physics: Conference Series, 2009, 150, 022031. | 0.3 | 0 |
| 35 | Many-body model for single-mode laser operations in semiconductor microcavities. , 2011, , . | | 0 |
| 36 | Crossover of Laser-like Behavior in a Microcavity Polariton Condensate. AIP Conference Proceedings, 2011, , . | 0.3 | 0 |

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|----|--|-----|-----------|
| 37 | From exciton to photon condensation via polariton in electron-holephoton systems. Physics Procedia, 2011, 13, 42-45. | 1.2 | 0 |
| 38 | New lasing from exciton-polariton condensates in high excitation regime. , 2013, , . | | 0 |
| 39 | QED cavity arrays for quantum optical switching. , 2013, , . | | 0 |
| 40 | Nonequilibrium phases of photons in coupled cavity QED array. , 2013, , . | | 0 |
| 41 | Publisher's Note: Method for generating a photonic NOON state with quantum dots in coupled nanocavities [Phys. Rev. A 96 , 013853 (2017)]. Physical Review A, 2017, 96, . | 1.0 | 0 |
| 42 | A concept of nonequilibrium solar cell heat recovery solar cell. , 2019, , . | | 0 |