

# Kenji Kamide

## List of Publications by Year in descending order

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42  
papers

399  
citations

932766

10  
h-index

794141

19  
g-index

44  
all docs

44  
docs citations

44  
times ranked

382  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current-voltage curves and operational stability in hot-carrier solar cell. Journal of Applied Physics, 2020, 127, 183102.	1.1	8
2	Effects of the Non-Radiative Recombination and Bandgap Reduction in Heat-Recovery Solar Cell. , 2020, , .		1
3	Heat-Recovery Solar Cell. Physical Review Applied, 2019, 12, .	1.5	3
4	A concept of nonequilibrium solar cell heat recovery solar cell. , 2019, , .		0
5	A solar cell enabling heat recovery without fast carrier extraction. , 2018, , .		2
6	Nonequilibrium Theory of the Conversion Efficiency Limit of Solar Cells Including Thermalization and Extraction of Carriers. Physical Review Applied, 2018, 10, .	1.5	12
7	Publisher's Note: Method for generating a photonic NOON state with quantum dots in coupled nanocavities [Phys. Rev. A <b>96</b> (2017), 013853 (2017)]. Physical Review A, 2017, 96, .	1.0	0
8	Method for generating a photonic NOON state with quantum dots in coupled nanocavities. Physical Review A, 2017, 96, .	1.0	15
9	High-energy side-peak emission of exciton-polariton condensates in high density regime. Scientific Reports, 2016, 6, 25655.	1.6	27
10	Room-Temperature Observation of Trapped Exciton-Polariton Emission in GaN/AlGa <sub>N</sub> Microcavities with Air-Gap/III-Nitride Distributed Bragg Reflectors. ACS Photonics, 2016, 3, 1182-1187.	3.2	19
11	Eigenvalue decomposition method for photon statistics of frequency-filtered fields and its application to quantum dot emitters. Physical Review A, 2015, 92, .	1.0	9
12	Strong coupling in non-polar GaN/AlGa <sub>N</sub> microcavities with air-gap/III-nitride distributed Bragg reflectors. Applied Physics Letters, 2015, 107, .	1.5	20
13	Generating functional approach for spontaneous coherence in semiconductor electron-hole-photon systems. Physical Review B, 2015, 91, .	1.1	16
14	Impact of the dark path on quantum dot single photon emitters in small cavities. Physical Review Letters, 2014, 113, 143604.	2.9	5
15	Cavity-Loss Induced Plateau in Coupled Cavity QED Array. Journal of the Physical Society of Japan, 2014, 83, 123001.	0.7	7
16	Second Thresholds in BEC-BCS-Laser Crossover of Exciton-Polariton Systems. Physical Review Letters, 2013, 111, 026404.	2.9	54
17	New lasing from exciton-polariton condensates in high excitation regime. , 2013, , .		0
18	QED cavity arrays for quantum optical switching. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	First-order superfluidâ€“Mott-insulator transition for quantum-optical switching in cavity-QED arrays with two cavity modes. Physical Review A, 2013, 87, .	1.0	9
20	Nonequilibrium phases of photons in coupled cavity QED array. , 2013, , .		0
21	BECâ€“BCS-laser crossover in Coulomb-correlated electronâ€“holeâ€“photon systems. New Journal of Physics, 2012, 14, 065001.	1.2	42
22	Analysis of Gain-Switching Characteristics Including Strong Gain Saturation Effects in Low-Dimensional Semiconductor Lasers. Japanese Journal of Applied Physics, 2012, 51, 098001.	0.8	8
23	Applicability of continuum absorption in semiconductor quantum wells to absolute absorption-strength standards. Applied Physics Letters, 2012, 101, 032108.	1.5	3
24	Luminescence from an Electronâ€“Hole Drop in Multivalley Semiconductors. Journal of the Physical Society of Japan, 2012, 81, SB060.	0.7	1
25	Fano-Resonance Gain by Dephasing Electronâ€“Hole Cooper Pairs in Semiconductors. Journal of the Physical Society of Japan, 2012, 81, 093706.	0.7	6
26	Analysis of Gain-Switching Characteristics Including Strong Gain Saturation Effects in Low-Dimensional Semiconductor Lasers. Japanese Journal of Applied Physics, 2012, 51, 098001.	0.8	9
27	Many-body model for single-mode laser operations in semiconductor microcavities. , 2011, , .		0
28	Crossover of Laser-like Behavior in a Microcavity Polariton Condensate. AIP Conference Proceedings, 2011, , .	0.3	0
29	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
30	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
31	From exciton to photon condensation via polariton in electron-holephoton systems. Physics Procedia, 2011, 13, 42-45.	1.2	0
32	Ground-state properties of microcavity polariton condensates at arbitrary excitation density. Physical Review B, 2011, 83, .	1.1	25
33	Crossover from excitonic to photonic condensation in microcavity polariton systems. Journal of Physics: Conference Series, 2010, 210, 012021.	0.3	2
34	What Determines the Wave Function of Electron-Hole Pairs in Polariton Condensates?. Physical Review Letters, 2010, 105, 056401.	2.9	51
35	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
36	Luttinger liquid renormalized by a single impurity. Journal of Physics: Conference Series, 2009, 150, 022031.	0.3	0

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37	Effect of quantum fluctuations on bose-einstein condensation of bilayer atomic gases in rapid rotation. Laser Physics, 2008, 18, 641-647.	0.6	0
38	Scaling of a Single Impurity Potential of Arbitrary Strength in a Tomonaga-Luttinger Liquid. AIP Conference Proceedings, 2006, , .	0.3	1
39	Spin-charge mixing effects on resonant tunneling in a polarized Luttinger liquid. Physical Review B, 2006, 73, .	1.1	6
40	Zeeman effect on resonant tunneling in spin-polarized Tomonaga-Luttinger liquid. Physica B: Condensed Matter, 2005, 359-361, 645-647.	1.3	1
41	Superconducting and density-wave correlation functions in carbon nanotubes. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 218-219.	1.3	2
42	Singlet superconductivity phase in carbon nanotubes. Physical Review B, 2003, 68, .	1.1	20