

# Tsurumachi Noriaki

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

140  
citations

1307594

7  
h-index

1199594

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bismuth chalcogenide iodides Bi <sub>13</sub> S <sub>18</sub> I <sub>2</sub> and BiSI: solvothermal synthesis, photoelectric behavior, and photovoltaic performance. Journal of Materials Chemistry C, 2020, 8, 3821-3829.	5.5	38
2	Real-Time Amplitude and Phase Imaging of Optically Opaque Objects by Combining Full-Field Off-Axis Terahertz Digital Holography with Angular Spectrum Reconstruction. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 561-572.	2.2	22
3	Observation of ultrastrong-coupling regime in the Fabry-Pérot microcavities made of metal mirrors containing Lemke dye. Applied Physics Letters, 2019, 114, .	3.3	13
4	Efficient terahertz emission, detection, and ultrafast switching using one-dimensional photonic crystal microcavity. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1393.	2.1	12
5	Enhancement and suppression of terahertz emission by a Fabry-Perot cavity structure with a nonlinear optical crystal. Applied Optics, 2009, 48, 6934.	2.1	11
6	Bi <sub>13</sub> S <sub>18</sub> X <sub>2</sub> -Based Solar Cells (X = Cl, Br, I): Photoelectric Behavior and Photovoltaic Performance. Physical Review Applied, 2021, 15, .	3.8	11
7	Stimulus-Responsive Supercooled $\pi$ -Conjugated Liquid and Its Application in Rewritable Media. Journal of Physical Chemistry Letters, 2021, 12, 3014-3018.	4.6	7
8	Time-resolved photoluminescence spectra of high-density InGaAs/AlGaAs quantum wire structures. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 300-303.	2.7	6
9	Dye concentration dependence of spectral triplet in one-dimensional photonic crystal with cyanine dye J-aggregate in strong coupling regime. Applied Physics Letters, 2017, 111, 163302.	3.3	5
10	Effects of Mg doping on optical and electrical properties of GaNAs multiple quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 420-422.	0.8	3
11	Observation of normal mode splitting in THz Fabry-Pérot microcavity made of wire grid structures containing cut wire metamaterials. Journal of Applied Physics, 2020, 128, 073102.	2.5	3
12	Transmission Spectra of Terahertz Region Hybrid One-Dimensional Photonic Crystals. AIP Conference Proceedings, 2007, , .	0.4	2
13	THz wave generation by THz region one-dimensional photonic crystal structure. , 2007, , .		1
14	Enhancement of optical rectification for THz amplification in one-dimensional photonic crystals. , 2008, , .		1
15	Enhancement of terahertz detection efficiency in electro-optical sampling using Fabry-Pérot microcavity structure. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 356-358.	0.8	1
16	Electrical and Optical Properties of GaNAs/GaAs MQW p-i-n Junction. Transactions of the Materials Research Society of Japan, 2012, 37, 193-196.	0.2	1
17	THz Microcavity Made of Wire Grid Structure Containing Electrical Split Ring Resonator Metamaterials. , 2018, , .		1
18	Observation of cavity polaritons in a metal-mirror Fabry-Pérot microcavity containing liquid-crystalline semiconductor based on perylene bisimide units. Physical Review E, 2019, 100, 032701.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Normal Mode Splitting in THz Fabry-Pérot Microcavity Containing Electric Split-Ring Resonator or Tilted Cut Wire Metamaterial. Journal of the Physical Society of Japan, 2022, 91, .	1.6	1
20	Optical Properties of Cavity Type One-Dimensional Photonic Crystal with Organic Dye Molecules. The Review of Laser Engineering, 2010, 38, 279-285.	0.0	0
21	Coherent control of semiconductor quantum wire by high-resolution and stable Michelson interferometer. Electronics and Communications in Japan, 2011, 94, 25-32.	0.5	0
22	Coherent Control of Semiconductor Quantum Wire by High-Resolution and Stable Michelson Interferometer. IEEJ Transactions on Sensors and Micromachines, 2008, 128, 285-291.	0.1	0