Yuhsuke Y Yasutake

List of Publications by Year
in descending order

30	643	623734	552781
papers	citations	14 h-index	26 g-index

30	30	30	798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nearâ€Infraredâ€Ilâ€Absorbing and â€Emitting Dyes: Energyâ€Gap Engineering of Expanded Porphyrinoids via Metallation. Angewandte Chemie - International Edition, 2020, 59, 16161-16166.	13.8	20
2	Nearâ€Infraredâ€Ilâ€Absorbing and â€Emitting Dyes: Energyâ€Gap Engineering of Expanded Porphyrinoids via Metallation. Angewandte Chemie, 2020, 132, 16295-16300.	2.0	5
3	Synthesis of a Black Dye with Absorption Capabilities Across the Visible-to-Near-Infrared Region: A MO-Mixing Approach via Heterometal Coordination of Expanded Porphyrinoid. Journal of the American Chemical Society, 2020, 142, 6807-6813.	13.7	40
4	Ambipolar transistor action of germanane electric double layer transistor. Applied Physics Letters, 2019, 115, .	3.3	16
5	Hierarchical Hybrid Metalâ€“Organic Frameworks: Tuning the Visible/Near-Infrared Optical Properties by a Combination of Porphyrin and Its Isomer Units. Inorganic Chemistry, 2019, 58, 4647-4656.	4.0	16
6	Doubly Nâ€Confused Calix[6]phyrin Bisâ€Organopalladium Complexes: Photostable Triplet Sensitizers for Singlet Oxygen Generation. Chemistry - an Asian Journal, 2019, 14, 1729-1736.	3.3	14
7	Singly and Doubly N-Confused Calix[4]phyrin Organoplatinum(II) Complexes as Near-IR Triplet Sensitizers. Inorganic Chemistry, 2017, 56, 12572-12580.	4.0	32
8	Photon heterodyning. Optics Express, 2017, 25, 20156.	3.4	7
9	Boron Difluoride Complexes of Expanded Nâ€Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. Angewandte Chemie - International Edition, 2016, 55, 12045-12049.	13.8	42
10	Near-Infrared Phosphorescent Iridium(III) Benzonorrole Complexes Possessing Pyridine-based Axial Ligands. Inorganic Chemistry, 2016, 55, 6223-6230.	4.0	23
11	Morphology-Driven Stark Shift Switching in Ge/Si Type-II Heterointerfaces. Advanced Materials Research, 2014, 893, 39-44.	0.3	0
12	Observation of optical spin injection into Ge-based structures at room temperature. Applied Physics Letters, 2013, 102, .	3.3	4
13	An artificial nonradiative recombination center model created by use of a Si1â^'xGex/Si quantum-well-inserted pseudomorphic superlattice. Thin Solid Films, 2012, 520, 3365-3368.	1.8	0
14	Characterization of Highly Concentrated Bi Donors Wire-Î´-Doped in Si. Japanese Journal of Applied Physics, 2012, 51, 11PE05.	1.5	2
15	High-density G-centers, light-emitting point defects in silicon crystal. AIP Advances, 2011, 1, .	1.3	27
16	Hybrid Laser Activation of Highly Concentrated Bi Donors in Wire-Î´-Doped Silicon. Applied Physics Express, 2010, 3, 061302.	2.4	9
17	Interface trap level in top-contact pentacene thin-film transistors evaluated by displacement current measurement. Organic Electronics, 2010, 11, 594-598.	2.6	11
18	Single-Electron Transistor Fabricated by Two Bottom-Up Processes of Electroless Au Plating and Chemisorption of Au Nanoparticle. Japanese Journal of Applied Physics, 2010, 49, 090206.	1.5	46

#	Article	IF	Citations
19	Molecular Orientation of Individual Lu@C₈₂Molecules Demonstrated by Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2010, 114, 14704-14709.	3.1	27
20	Au Nanoparticles Chemisorbed by Dithiol Molecules Inserted in Alkanethiol Self-Assembled Monolayers Characterized by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2009, 48, 04C180.	1.5	22
21	A MHz Modulable Si-based LED Afforded by Engineering Light-emitting Defects in Si. Materials Research Society Symposia Proceedings, 2009, 1195, 120.	0.1	0
22	An electric-field-active 1377-nm narrow-line Si light-emitting diode at 150 K. Optics Express, 2009, 17, 16739.	3.4	5
23	Frequency Dependences of Displacement Current and Channel Current in Pentacene Thin-Film Transistors. Japanese Journal of Applied Physics, 2008, 47, 3167-3169.	1.5	13
24	Simultaneous Measurements of Drain-to-Source Current and Carrier Injection Properties of Top-Contact Pentacene Thin-Film Transistors. Japanese Journal of Applied Physics, 2007, 46, 390-393.	1.5	13
25	Simultaneous fabrication of nanogap gold electrodes by electroless gold plating using a common medical liquid. Applied Physics Letters, 2007, 91, 203107.	3.3	68
26	Interaction Control Between Endohedral Metallofullerene and Metal Substrate by Introducing Alkanethiol Self-Assembled Monolayer. Journal of Nanoscience and Nanotechnology, 2006, 6, 3460-3463.	0.9	2
27	Stochastic Single-Molecule Conductance Switching of Nitro-Substituted Oligo(phenylene-ethynylene) in Matrix of Low-Density Alkanethiol Self-Assembled Monolayers. Japanese Journal of Applied Physics, 2006, 45, L840-L842.	1.5	8
28	Bias Stress Induced Threshold Voltage Shift in Pentacene Thin-Film Transistors. Japanese Journal of Applied Physics, 2006, 45, L1127-L1129.	1.5	43
29	Single Molecular Orientation Switching of an Endohedral Metallofullerene. Nano Letters, 2005, 5, 1057-1060.	9.1	128
30	Tunneling Current-Distance Characteristic of Scanning Vibrating Probe / 1-Alkanethiol Self-Assembled Monolayer (SAM) / Au (111) Structure. Materials Research Society Symposia Proceedings, 2003, 782, 1.	0.1	0