

# Yuhsuke Y Yasutake

## List of Publications by Year in descending order

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30  
papers

643  
citations

623734

14  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

798  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Molecular Orientation Switching of an Endohedral Metallofullerene. <i>Nano Letters</i> , 2005, 5, 1057-1060.	9.1	128
2	Simultaneous fabrication of nanogap gold electrodes by electroless gold plating using a common medical liquid. <i>Applied Physics Letters</i> , 2007, 91, 203107.	3.3	68
3	Single-Electron Transistor Fabricated by Two Bottom-Up Processes of Electroless Au Plating and Chemisorption of Au Nanoparticle. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 090206.	1.5	46
4	Bias Stress Induced Threshold Voltage Shift in Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L1127-L1129.	1.5	43
5	Boron Difluoride Complexes of Expanded N-Confused Calix[4]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12045-12049.	13.8	42
6	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. <i>Journal of the American Chemical Society</i> , 2020, 142, 6807-6813.	13.7	40
7	Singly and Doubly N-Confused Calix[4]phyrin Organoplatinum(II) Complexes as Near-IR Triplet Sensitizers. <i>Inorganic Chemistry</i> , 2017, 56, 12572-12580.	4.0	32
8	Molecular Orientation of Individual Lu@C <sub>82</sub> Molecules Demonstrated by Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14704-14709.	3.1	27
9	High-density G-centers, light-emitting point defects in silicon crystal. <i>AIP Advances</i> , 2011, 1, .	1.3	27
10	Near-Infrared Phosphorescent Iridium(III) Benzenorrole Complexes Possessing Pyridine-based Axial Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 6223-6230.	4.0	23
11	Au Nanoparticles Chemisorbed by Dithiol Molecules Inserted in Alkanethiol Self-Assembled Monolayers Characterized by Scanning Tunneling Microscopy. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 04C180.	1.5	22
12	Near-Infrared-Narrow Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16161-16166.	13.8	20
13	Ambipolar transistor action of germanane electric double layer transistor. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	16
14	Hierarchical Hybrid Metal-Organic Frameworks: Tuning the Visible/Near-Infrared Optical Properties by a Combination of Porphyrin and Its Isomer Units. <i>Inorganic Chemistry</i> , 2019, 58, 4647-4656.	4.0	16
15	Doubly N-Confused Calix[6]phyrin Bis-Organopalladium Complexes: Photostable Triplet Sensitizers for Singlet Oxygen Generation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1729-1736.	3.3	14
16	Simultaneous Measurements of Drain-to-Source Current and Carrier Injection Properties of Top-Contact Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 390-393.	1.5	13
17	Frequency Dependences of Displacement Current and Channel Current in Pentacene Thin-Film Transistors. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 3167-3169.	1.5	13
18	Interface trap level in top-contact pentacene thin-film transistors evaluated by displacement current measurement. <i>Organic Electronics</i> , 2010, 11, 594-598.	2.6	11

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19	Hybrid Laser Activation of Highly Concentrated Bi Donors in Wire- $\delta$ -Doped Silicon. <i>Applied Physics Express</i> , 2010, 3, 061302.	2.4	9
20	Stochastic Single-Molecule Conductance Switching of Nitro-Substituted Oligo(phenylene-ethynylene) in Matrix of Low-Density Alkanethiol Self-Assembled Monolayers. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L840-L842.	1.5	8
21	Photon heterodyning. <i>Optics Express</i> , 2017, 25, 20156.	3.4	7
22	An electric-field-active 1377-nm narrow-line Si light-emitting diode at 150 K. <i>Optics Express</i> , 2009, 17, 16739.	3.4	5
23	Near-Infrared-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie</i> , 2020, 132, 16295-16300.	2.0	5
24	Observation of optical spin injection into Ge-based structures at room temperature. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	4
25	Interaction Control Between Endohedral Metallofullerene and Metal Substrate by Introducing Alkanethiol Self-Assembled Monolayer. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3460-3463.	0.9	2
26	Characterization of Highly Concentrated Bi Donors Wire- $\delta$ -Doped in Si. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 11PE05.	1.5	2
27	Tunneling Current-Distance Characteristic of Scanning Vibrating Probe / 1-Alkanethiol Self-Assembled Monolayer (SAM) / Au (111) Structure. <i>Materials Research Society Symposia Proceedings</i> , 2003, 782, 1.	0.1	0
28	A MHz Modulable Si-based LED Afforded by Engineering Light-emitting Defects in Si. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1195, 120.	0.1	0
29	An artificial nonradiative recombination center model created by use of a Si $_{1-x}$ Gex/Si quantum-well-inserted pseudomorphic superlattice. <i>Thin Solid Films</i> , 2012, 520, 3365-3368.	1.8	0
30	Morphology-Driven Stark Shift Switching in Ge/Si Type-II Heterointerfaces. <i>Advanced Materials Research</i> , 2014, 893, 39-44.	0.3	0