

Yuichiro Watanabe

List of Publications by Year in descending order

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26
papers

751
citations

687363

13
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(I)-Pyrazolate Complexes as Solid-State Phosphors: Deep-Blue Emission through a Remote Steric Effect. <i>Journal of the American Chemical Society</i> , 2022, 144, 10186-10192.	13.7	11
2	Dibenzothiophene/Terpyridine Conjugated Asymmetric Electron-Transporters for High-efficiency and Long-life Green Phosphorescent OLEDs. <i>Chemistry Letters</i> , 2021, 50, 534-537.	1.3	1
3	Vibrational Energy Harvester with Electric Double Layer Electrets. , 2020, , .		0
4	Molecular Orientations of Delayed Fluorescent Emitters in a Series of Carbazole-Based Host Materials. <i>Frontiers in Chemistry</i> , 2020, 8, 427.	3.6	24
5	A zinc-responsive fluorophore based on 5-(p-hydroxyphenyl)-pyridylthiazole. <i>Materials Chemistry Frontiers</i> , 2020, 4, 899-904.	5.9	4
6	A terpyridine-modified chrysene derivative as an electron transporter to improve the lifetime in phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3200-3205.	5.5	4
7	Room-Temperature Phosphorescence from a Series of 3-Pyridylcarbazole Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 16294-16300.	3.3	12
8	A sky blue thermally activated delayed fluorescence emitter to achieve efficient white light emission through in situ metal complex formation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3146-3149.	5.5	16
9	A Series of Dibenzofuran-Based n-Type Exciplex Host Partners Realizing High Efficiency and Stable Deep-Red Phosphorescent OLEDs. <i>Chemistry - A European Journal</i> , 2019, 25, 7231-7231.	3.3	2
10	Chrysene-based Electron-transporters Realizing Highly Efficient and Stable Phosphorescent OLEDs. <i>Chemistry Letters</i> , 2019, 48, 457-460.	1.3	5
11	Molecular Orientation: Control of Molecular Orientation in Organic Semiconductor Films using Weak Hydrogen Bonds (<i>Adv. Mater.</i> 18/2019). <i>Advanced Materials</i> , 2019, 31, 1970131.	21.0	0
12	Control of Molecular Orientation in Organic Semiconductor Films using Weak Hydrogen Bonds. <i>Advanced Materials</i> , 2019, 31, e1808300.	21.0	62
13	Review of Molecular Engineering for Horizontal Molecular Orientation in Organic Light-Emitting Devices. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 716-728.	3.2	82
14	A Series of Dibenzofuran-Based n-Type Exciplex Host Partners Realizing High Efficiency and Stable Deep-Red Phosphorescent OLEDs. <i>Chemistry - A European Journal</i> , 2019, 25, 7308-7314.	3.3	45
15	A Novel Series of Thermally and Electrically Stable Hole-transporters End-capped by [1]Benzo[3,2-b]thiophenes for Organic Light-emitting Devices. <i>Chemistry Letters</i> , 2019, 48, 219-222.	1.3	3
16	Synthesis and Optoelectronic Properties of Block and Random Copolymers Containing Pendant Carbazole and (Di)phenylanthracene. <i>Polymers</i> , 2018, 10, 721.	4.5	7
17	Organic LEDs: Ultrahigh Power Efficiency Thermally Activated Delayed Fluorescent OLEDs by the Strategic Use of Electron-Transport Materials (<i>Advanced Materials</i> 17/2018). <i>Advanced Optical Materials</i> , 2018, 6, 1870067.	7.3	0
18	Dual mode OPV-OLED device with photovoltaic and light-emitting functionalities. <i>Scientific Reports</i> , 2018, 8, 11472.	3.3	18

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19	Ultrahigh Power Efficiency Thermally Activated Delayed Fluorescent OLEDs by the Strategic Use of Electron-Transport Materials. <i>Advanced Optical Materials</i> , 2018, 6, 1800376.	7.3	28
20	A Series of Lithium Pyridyl Phenolate Complexes with a Pendant Pyridyl Group for Electron-Injection Layers in Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40541-40548.	8.0	8
21	Fundamental functions of peripheral and core pyridine rings in a series of bis-terpyridine derivatives for high-performance organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8980-8988.	5.5	26
22	Synthesis, properties, and OLED characteristics of 2,2'-bipyridine-based electron-transport materials: the synergistic effect of molecular shape anisotropy and a weak hydrogen-bonding network on molecular orientation. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3699-3704.	5.5	43
23	A series of fluorinated phenylpyridine-based electron-transporters for blue phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1104-1110.	5.5	31
24	Simultaneous Manipulation of Intramolecular and Intermolecular Hydrogen Bonds in n-Type Organic Semiconductor Layers: Realization of Horizontal Orientation in OLEDs. <i>Advanced Optical Materials</i> , 2015, 3, 769-773.	7.3	33
25	High-performance pure blue phosphorescent OLED using a novel bis-heteroleptic iridium(III) complex with fluorinated bipyridyl ligands. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1070.	5.5	129
26	Extremely Low Operating Voltage Green Phosphorescent Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2013, 23, 5550-5555.	14.9	157