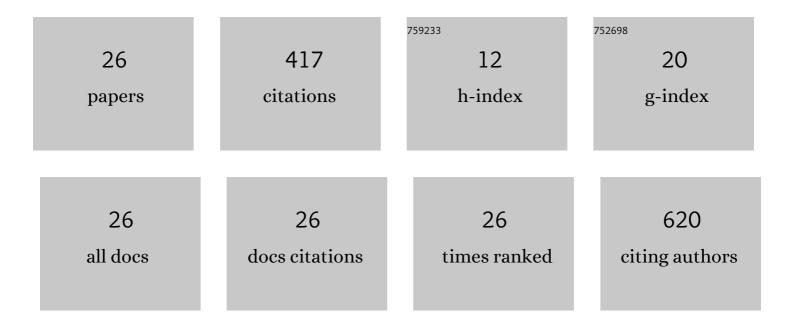
Yosuke Ishii

List of Publications by Year in descending order

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YOSUKE ISHU

#	Article	IF	CITATIONS
1	Electrochemical lithium-ion storage properties of quinone molecules encapsulated in single-walled carbon nanotubes. Physical Chemistry Chemical Physics, 2016, 18, 10411-10418.	2.8	54
2	Cyclic Voltammogram Profile of Single-Walled Carbon Nanotube Electric Double-Layer Capacitor Electrode Reveals Dumbbell Shape. Journal of Physical Chemistry C, 2012, 116, 7681-7686.	3.1	50
3	Pore Size Determination in Ordered Mesoporous Materials Using Powder X-ray Diffraction. Journal of Physical Chemistry C, 2013, 117, 18120-18130.	3.1	41
4	Optimization of photoelectrochemical performance in chemical bath deposited nanostructured CuO. Journal of Alloys and Compounds, 2017, 695, 3655-3665.	5.5	33
5	Temperature-dependent water solubility of iodine-doped single-walled carbon nanotubes prepared using an electrochemical method. Physical Chemistry Chemical Physics, 2013, 15, 5767.	2.8	28
6	Sodium ion battery anode properties of empty and C ₆₀ -inserted single-walled carbon nanotubes. Materials Express, 2013, 3, 30-36.	0.5	26
7	Low-Temperature Phase Transformation Accompanied with Charge-Transfer Reaction of Polyiodide Ions Encapsulated in Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2016, 120, 20454-20461.	3.1	21
8	Quinone molecules encapsulated in SWCNTs for low-temperature Na ion batteries. Nanotechnology, 2017, 28, 355401.	2.6	18
9	Ion adsorption on the inner surface of single-walled carbon nanotubes used as electrodes for electric double-layer capacitors. Physical Chemistry Chemical Physics, 2012, 14, 16055.	2.8	17
10	Electrochemical Reactions of Iodine Molecules Encapsulated in Single-Walled Carbon Nanotubes. ACS Omega, 2019, 4, 2547-2553.	3.5	16
11	Facile bottom-up synthesis of graphene nanofragments and nanoribbons by thermal polymerization of pentacenes. Nanoscale, 2012, 4, 6553.	5.6	14
12	Spectroscopic evidence for the origin of the dumbbell cyclic voltammogram of single-walled carbon nanotubes. Physical Chemistry Chemical Physics, 2013, 15, 20672.	2.8	14
13	New Type of Pseudo-Capacitor Using Redox Reaction of Electrolyte in Single-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2017, 17, 1901-1907.	0.9	13
14	Alkali metal ion storage properties of sulphur and phosphorous molecules encapsulated in nanometer size carbon cylindrical pores. AIP Advances, 2016, 6, 035112.	1.3	12
15	The effect of diameter size of single-walled carbon nanotubes on their high-temperature energy storage behaviour in ionic liquid-based electric double-layer capacitors. RSC Advances, 2020, 10, 41209-41216.	3.6	11
16	Sodium ion battery anode properties of designed graphene-layers synthesized from polycyclic aromatic hydrocarbons. RSC Advances, 2016, 6, 22069-22073.	3.6	9
17	Alkali Metal Ion Storage of Quinone Molecules Grafted on Single-Walled Carbon Nanotubes at Low Temperature. ACS Omega, 2018, 3, 15598-15605.	3.5	8
18	Flexible Photocatalytic Electrode Using Graphene, Nonâ€noble Metal, and Organic Semiconductors for Hydrogen Evolution Reaction. Energy Technology, 2021, 9, 2100123.	3.8	8

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#	Article	IF	CITATIONS
19	One-step synthesis of visible light CO2 reduction photocatalyst from carbon nanotubes encapsulating iodine molecules. Scientific Reports, 2021, 11, 10140.	3.3	7
20	High ion adsorption densities of site-selective nitrogen doped carbon sheets prepared from natural lignin. RSC Advances, 2019, 9, 42043-42049.	3.6	4
21	Safe, economical and fast-charging secondary batteries using single-walled carbon nanotubes. Japanese Journal of Applied Physics, 2019, 58, SAAE02.	1.5	4
22	Photo-rechargeable fuel cell using photo-hydrogenation reactions of quinone molecules. New Journal of Chemistry, 2020, 44, 2275-2280.	2.8	4
23	Single-walled carbon nanotubes as a reducing agent for the synthesis of a Prussian blue-based composite: a quartz crystal microbalance study. Nanoscale Advances, 2022, 4, 510-520.	4.6	3
24	Switching of alternative electrochemical charging mechanism inside single-walled carbon nanotubes: a quartz crystal microbalance study. RSC Advances, 2021, 11, 30253-30258.	3.6	1
25	Ultra-fine metal particles dispersed on single-walled carbon nanotubes for energy devices. Journal of Materials Science, 2022, 57, 4300-4310.	3.7	1
26	lodine redox reactions in single-wall carbon nanotube hollow cores for rechargeable iodine cathode-based energy storage. , 2022, 1, 89-93.		0