

# Yosuke Ishii

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

417  
citations

759233

12  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical lithium-ion storage properties of quinone molecules encapsulated in single-walled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10411-10418.	2.8	54
2	Cyclic Voltammogram Profile of Single-Walled Carbon Nanotube Electric Double-Layer Capacitor Electrode Reveals Dumbbell Shape. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7681-7686.	3.1	50
3	Pore Size Determination in Ordered Mesoporous Materials Using Powder X-ray Diffraction. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18120-18130.	3.1	41
4	Optimization of photoelectrochemical performance in chemical bath deposited nanostructured CuO. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3655-3665.	5.5	33
5	Temperature-dependent water solubility of iodine-doped single-walled carbon nanotubes prepared using an electrochemical method. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5767.	2.8	28
6	Sodium ion battery anode properties of empty and C<sub>60</sub>-inserted single-walled carbon nanotubes. <i>Materials Express</i> , 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. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20454-20461.	3.1	21
8	Quinone molecules encapsulated in SWCNTs for low-temperature Na ion batteries. <i>Nanotechnology</i> , 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. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16055.	2.8	17
10	Electrochemical Reactions of Iodine Molecules Encapsulated in Single-Walled Carbon Nanotubes. <i>ACS Omega</i> , 2019, 4, 2547-2553.	3.5	16
11	Facile bottom-up synthesis of graphene nanofragments and nanoribbons by thermal polymerization of pentacenes. <i>Nanoscale</i> , 2012, 4, 6553.	5.6	14
12	Spectroscopic evidence for the origin of the dumbbell cyclic voltammogram of single-walled carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20672.	2.8	14
13	New Type of Pseudo-Capacitor Using Redox Reaction of Electrolyte in Single-Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 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. <i>AIP Advances</i> , 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. <i>RSC Advances</i> , 2020, 10, 41209-41216.	3.6	11
16	Sodium ion battery anode properties of designed graphene-layers synthesized from polycyclic aromatic hydrocarbons. <i>RSC Advances</i> , 2016, 6, 22069-22073.	3.6	9
17	Alkali Metal Ion Storage of Quinone Molecules Grafted on Single-Walled Carbon Nanotubes at Low Temperature. <i>ACS Omega</i> , 2018, 3, 15598-15605.	3.5	8
18	Flexible Photocatalytic Electrode Using Graphene, Non-noble Metal, and Organic Semiconductors for Hydrogen Evolution Reaction. <i>Energy Technology</i> , 2021, 9, 2100123.	3.8	8

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19	One-step synthesis of visible light CO <sub>2</sub> reduction photocatalyst from carbon nanotubes encapsulating iodine molecules. <i>Scientific Reports</i> , 2021, 11, 10140.	3.3	7
20	High ion adsorption densities of site-selective nitrogen doped carbon sheets prepared from natural lignin. <i>RSC Advances</i> , 2019, 9, 42043-42049.	3.6	4
21	Safe, economical and fast-charging secondary batteries using single-walled carbon nanotubes. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SAAE02.	1.5	4
22	Photo-rechargeable fuel cell using photo-hydrogenation reactions of quinone molecules. <i>New Journal of Chemistry</i> , 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. <i>Nanoscale Advances</i> , 2022, 4, 510-520.	4.6	3
24	Switching of alternative electrochemical charging mechanism inside single-walled carbon nanotubes: a quartz crystal microbalance study. <i>RSC Advances</i> , 2021, 11, 30253-30258.	3.6	1
25	Ultra-fine metal particles dispersed on single-walled carbon nanotubes for energy devices. <i>Journal of Materials Science</i> , 2022, 57, 4300-4310.	3.7	1
26	Iodine redox reactions in single-wall carbon nanotube hollow cores for rechargeable iodine cathode-based energy storage. , 2022, 1, 89-93.		0