

Toshiyuki Ohashi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14 papers	469 citations	8 h-index	15 g-index
15 ext. papers	509 ext. citations	7.1 avg, IF	3.18 L-index

#	Paper	IF	Citations
14	Theoretical evaluation of hydrogen storage capacity in pure carbon nanostructures. <i>Journal of Chemical Physics</i> , 2003 , 119, 2376-2385	3.9	232
13	Large-scale synthesis of perpendicularly aligned helical carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5070-1	16.4	127
12	Synthesis of vertically aligned single-walled carbon nanotubes with metallic chirality through facet control of catalysts. <i>Carbon</i> , 2015 , 87, 453-461	10.4	18
11	Controlled Syntheses of Aligned Multi-Walled Carbon Nanotubes: Catalyst Particle Size and Density Control via Layer-by-Layer Assembling. <i>Chemistry of Materials</i> , 2005 , 17, 6599-6604	9.6	16
10	High quality single-walled carbon nanotube synthesis using remote plasma CVD. <i>Diamond and Related Materials</i> , 2012 , 24, 184-187	3.5	15
9	Controlled preparation and electron emission properties of three-dimensional micropatterned aligned carbon nanotubes. <i>Applied Physics Letters</i> , 2006 , 89, 103103	3.4	14
8	Increasing the length of a single-wall carbon nanotube forest by adding titanium to a catalytic substrate. <i>Carbon</i> , 2013 , 57, 79-87	10.4	13
7	Understanding the stability of a sputtered Al buffer layer for single-walled carbon nanotube forest synthesis. <i>Carbon</i> , 2013 , 57, 401-409	10.4	11
6	Lithium-Ion Transfer at Cathode-Electrolyte Interface in Diluted Electrolytes Using Electrochemical Impedance Spectroscopy. <i>ChemElectroChem</i> , 2020 , 7, 1644-1651	4.3	7
5	Analysis of Cathode Reactions of Lithium Ion Cells Using Dynamic Electrochemical Impedance. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 020502	3.9	6
4	Growth of vertically aligned single-walled carbon nanotubes with metallic chirality through faceted FePt-Au catalysts. <i>Journal of Applied Physics</i> , 2016 , 119, 084303	2.5	6
3	Correlation between the Carbon Nanotube Growth Rate and Byproducts in Antenna-Type Remote Plasma Chemical Vapor Deposition Observed by Vacuum Ultraviolet Absorption Spectroscopy. <i>Small</i> , 2019 , 15, e1901504	11	2
2	C60 and carbon nanotube sensors 2006 , 525-575		1
1	Hysteresis of the charge transfer resistance between the charge and discharge processes obtained from electrochemical impedance measurements using a thin-film cathode for a lithium-ion cell. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 899, 115675	4.1	