

Toshihiko Fujimori

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,397
citations

361296
20
h-index

395590
33
g-index

37
all docs

37
docs citations

37
times ranked

2202
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Spectroscopy of Boron-Doped Single-Layer Graphene. ACS Nano, 2012, 6, 6293-6300.	7.3	245
2	Conducting linear chains of sulphur inside carbon nanotubes. Nature Communications, 2013, 4, 2162.	5.8	228
3	Confinement in Carbon Nanospace-Induced Production of KI Nanocrystals of High-Pressure Phase. Journal of the American Chemical Society, 2011, 133, 10344-10347.	6.6	86
4	Activation routes for high surface area graphene monoliths from graphene oxide colloids. Carbon, 2014, 76, 220-231.	5.4	85
5	Dynamic Quantum Molecular Sieving Separation of D ₂ from H ₂ Mixture with Nanoporous Materials. Journal of the American Chemical Society, 2012, 134, 18483-18486.	6.6	64
6	Inkjet-Printed Lithium-Sulfur Microcathodes for All-Printed, Integrated Nanomanufacturing. Small, 2017, 13, 1603786.	5.2	62
7	Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. Angewandte Chemie - International Edition, 2017, 56, 11196-11202.	7.2	62
8	Formation and Properties of Selenium Double-Helices inside Double-Wall Carbon Nanotubes: Experiment and Theory. ACS Nano, 2013, 7, 5607-5613.	7.3	57
9	Cycloparaphenylene as a molecular porous carbon solid with uniform pores exhibiting adsorption-induced softness. Chemical Science, 2016, 7, 4204-4210.	3.7	52
10	Effect of a Quaternary Ammonium Salt on Propylene Carbonate Structure in Slit-Shape Carbon Nanopores. Journal of the American Chemical Society, 2010, 132, 2112-2113.	6.6	49
11	Evidence of Dynamic Pentagon-Heptagon Pairs in Single-Wall Carbon Nanotubes using Surface-Enhanced Raman Scattering. Journal of the American Chemical Society, 2010, 132, 6764-6767.	6.6	41
12	Enhanced Hydrogen Adsorptivity of Single-Wall Carbon Nanotube Bundles by One-Step C ₆₀ -Pillaring Method. Nano Letters, 2009, 9, 3694-3698.	4.5	35
13	Anomaly of CH ₄ Molecular Assembly Confined in Single-Wall Carbon Nanohorn Spaces. Journal of the American Chemical Society, 2011, 133, 2022-2024.	6.6	33
14	Collective Interactions of Molecules with an Interfacial Solid. Chemistry Letters, 2012, 41, 466-475.	0.7	31
15	Quantum Molecular Sieving Effects of H ₂ and D ₂ on Bundled and Nonbundled Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2012, 116, 20918-20922.	1.5	31
16	Fine Nanostructure Analysis of Single-Wall Carbon Nanohorns by Surface-Enhanced Raman Scattering. Journal of Physical Chemistry C, 2008, 112, 7552-7556.	1.5	27
17	Enhanced X-Ray Shielding Effects of Carbon Nanotubes. Materials Express, 2011, 1, 273-278.	0.2	26
18	Vertically Oriented Propylene Carbonate Molecules and Tetraethyl Ammonium Ions in Carbon Slit Pores. Journal of Physical Chemistry C, 2013, 117, 5752-5757.	1.5	25

#	ARTICLE	IF	CITATIONS
19	Aqueous Nanosilica Dispersants for Carbon Nanotube. Langmuir, 2015, 31, 3194-3202.	1.6	22
20	Selective D_2 adsorption enhanced by the quantum sieving effect on entangled single-wall carbon nanotubes. Journal of Physics Condensed Matter, 2010, 22, 334207.	0.7	21
21	Electronically modified single wall carbon nanohorns with iodine adsorption. Chemical Physics Letters, 2011, 501, 485-490.	1.2	17
22	Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. Angewandte Chemie, 2017, 129, 11348-11354.	1.6	17
23	Direct Observation of Electrochemical Lithium-Sulfur Reaction inside Carbon Nanotubes. ACS Applied Energy Materials, 2018, 1, 807-813.	2.5	16
24	Enhanced CO_2 Adsorptivity of Partially Charged Single Walled Carbon Nanotubes by Methylene Blue Encapsulation. Journal of Physical Chemistry C, 2012, 116, 11216-11222.	1.5	14
25	Formation of CO_x -Free H_2 and Cup-Stacked Carbon Nanotubes over Nano-Ni Dispersed Single Wall Carbon Nanohorns. Langmuir, 2012, 28, 7564-7571.	1.6	10
26	Selective probe of the morphology and local vibrations at carbon nanoasperities. Journal of Chemical Physics, 2012, 136, 064505.	1.2	8
27	Diffusion-Barrier-Free Porous Carbon Monoliths as a New Form of Activated Carbon. ChemSusChem, 2012, 5, 2271-2277.	3.6	8
28	Metal-semiconductor transition like behavior of naphthalene-doped single wall carbon nanotube bundles. Faraday Discussions, 2014, 173, 145-156.	1.6	6
29	Structures of Isolated Tellurium Chains Encapsulated Inside Carbon Nanotube. Journal of Physical Chemistry C, 2020, 124, 26043-26047.	1.5	6
30	Fundamental Understanding of Nanoporous Carbons for Energy Application Potentials. Carbon Letters, 2009, 10, 177-180.	3.3	6
31	Effect of selectively intercalated polyiodide on the electric transports of metallic- and semiconducting-enriched single-wall carbon nanotube networks. Applied Physics Letters, 2016, 108, 263111.	1.5	3
32	Red-emitting π -conjugated oligomers infused single-wall carbon nanotube sheets. Chemical Physics Letters, 2016, 649, 53-59.	1.2	3
33	Supercritical Hydrogen Adsorptivity of Amorphous Carbon Mesotubes. Adsorption Science and Technology, 2011, 29, 819-829.	1.5	1
34	Utilization of Metallic Sulfur/Nanocarbon Hybrids as a Transparent Conductive Film. , 2014, , .		0
35	Frontispiece: Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. Angewandte Chemie - International Edition, 2017, 56, .	7.2	0
36	Frontispiz: Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. Angewandte Chemie, 2017, 129, .	1.6	0

#	ARTICLE	IF	CITATIONS
37	Carbon nanotube-template synthesis of artificial one-dimensional conductors using chalcogen elements. Tanso, 2016, 2016, 89-95.	0.1	0