

Toshihiko Fujimori

List of Publications by Year in descending order

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37
papers

1,397
citations

361296
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times ranked

2202
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures of Isolated Tellurium Chains Encapsulated Inside Carbon Nanotube. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26043-26047.	1.5	6
2	Direct Observation of Electrochemical Lithium-Sulfur Reaction inside Carbon Nanotubes. <i>ACS Applied Energy Materials</i> , 2018, 1, 807-813.	2.5	16
3	Inkjet-Printed Lithium-Sulfur Microcathodes for All-Printed, Integrated Nanomanufacturing. <i>Small</i> , 2017, 13, 1603786.	5.2	62
4	Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. <i>Angewandte Chemie</i> , 2017, 129, 11348-11354.	1.6	17
5	Frontispiece: Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	7.2	0
6	Frontispiz: Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. <i>Angewandte Chemie</i> , 2017, 129, .	1.6	0
7	Electrically Activated Conductivity and White Light Emission of a Hydrocarbon Nanoring-Iodine Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11196-11202.	7.2	62
8	Effect of selectively intercalated polyiodide on the electric transports of metallic- and semiconducting-enriched single-wall carbon nanotube networks. <i>Applied Physics Letters</i> , 2016, 108, 263111.	1.5	3
9	Red-emitting π -conjugated oligomers infused single-wall carbon nanotube sheets. <i>Chemical Physics Letters</i> , 2016, 649, 53-59.	1.2	3
10	Cycloparaphenylene as a molecular porous carbon solid with uniform pores exhibiting adsorption-induced softness. <i>Chemical Science</i> , 2016, 7, 4204-4210.	3.7	52
11	Carbon nanotube-template synthesis of artificial one-dimensional conductors using chalcogen elements. <i>Tanso</i> , 2016, 2016, 89-95.	0.1	0
12	Aqueous Nanosilica Dispersants for Carbon Nanotube. <i>Langmuir</i> , 2015, 31, 3194-3202.	1.6	22
13	Metal-semiconductor transition like behavior of naphthalene-doped single wall carbon nanotube bundles. <i>Faraday Discussions</i> , 2014, 173, 145-156.	1.6	6
14	Activation routes for high surface area graphene monoliths from graphene oxide colloids. <i>Carbon</i> , 2014, 76, 220-231.	5.4	85
15	Utilization of Metallic Sulfur/Nanocarbon Hybrids as a Transparent Conductive Film. , 2014, , .		0
16	Conducting linear chains of sulphur inside carbon nanotubes. <i>Nature Communications</i> , 2013, 4, 2162.	5.8	228
17	Formation and Properties of Selenium Double-Helices inside Double-Wall Carbon Nanotubes: Experiment and Theory. <i>ACS Nano</i> , 2013, 7, 5607-5613.	7.3	57
18	Vertically Oriented Propylene Carbonate Molecules and Tetraethyl Ammonium Ions in Carbon Slit Pores. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5752-5757.	1.5	25

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19	Selective probe of the morphology and local vibrations at carbon nanoasperities. <i>Journal of Chemical Physics</i> , 2012, 136, 064505.	1.2	8
20	Collective Interactions of Molecules with an Interfacial Solid. <i>Chemistry Letters</i> , 2012, 41, 466-475.	0.7	31
21	Dynamic Quantum Molecular Sieving Separation of D ₂ from H ₂ D ₂ Mixture with Nanoporous Materials. <i>Journal of the American Chemical Society</i> , 2012, 134, 18483-18486.	6.6	64
22	Diffusion-Barrier-Free Porous Carbon Monoliths as a New Form of Activated Carbon. <i>ChemSusChem</i> , 2012, 5, 2271-2277.	3.6	8
23	Quantum Molecular Sieving Effects of H ₂ and D ₂ on Bundled and Nonbundled Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20918-20922.	1.5	31
24	Enhanced CO ₂ Adsorptivity of Partially Charged Single Walled Carbon Nanotubes by Methylene Blue Encapsulation. <i>Journal of Physical Chemistry C</i> , 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. <i>Langmuir</i> , 2012, 28, 7564-7571.	1.6	10
26	Raman Spectroscopy of Boron-Doped Single-Layer Graphene. <i>ACS Nano</i> , 2012, 6, 6293-6300.	7.3	245
27	Confinement in Carbon Nanospace-Induced Production of KI Nanocrystals of High-Pressure Phase. <i>Journal of the American Chemical Society</i> , 2011, 133, 10344-10347.	6.6	86
28	Anomaly of CH ₄ Molecular Assembly Confined in Single-Wall Carbon Nanohorn Spaces. <i>Journal of the American Chemical Society</i> , 2011, 133, 2022-2024.	6.6	33
29	Electronically modified single wall carbon nanohorns with iodine adsorption. <i>Chemical Physics Letters</i> , 2011, 501, 485-490.	1.2	17
30	Enhanced X-Ray Shielding Effects of Carbon Nanotubes. <i>Materials Express</i> , 2011, 1, 273-278.	0.2	26
31	Supercritical Hydrogen Adsorptivity of Amorphous Carbon Mesotubes. <i>Adsorption Science and Technology</i> , 2011, 29, 819-829.	1.5	1
32	Selective D ₂ adsorption enhanced by the quantum sieving effect on entangled single-wall carbon nanotubes. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 334207.	0.7	21
33	Effect of a Quaternary Ammonium Salt on Propylene Carbonate Structure in Slit-Shape Carbon Nanopores. <i>Journal of the American Chemical Society</i> , 2010, 132, 2112-2113.	6.6	49
34	Evidence of Dynamic Pentagon~Heptagon Pairs in Single-Wall Carbon Nanotubes using Surface-Enhanced Raman Scattering. <i>Journal of the American Chemical Society</i> , 2010, 132, 6764-6767.	6.6	41
35	Enhanced Hydrogen Adsorptivity of Single-Wall Carbon Nanotube Bundles by One-Step C ₆₀ -Pillaring Method. <i>Nano Letters</i> , 2009, 9, 3694-3698.	4.5	35
36	Fundamental Understanding of Nanoporous Carbons for Energy Application Potentials. <i>Carbon Letters</i> , 2009, 10, 177-180.	3.3	6

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37	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