

# Yasushi Soneda

## List of Publications by Year in descending order

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74  
papers

3,454  
citations

279778

23  
h-index

138468

58  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-doped carbon materials. Carbon, 2018, 132, 104-140.	10.3	566
2	Supercapacitors Prepared from Melamine-Based Carbon. Chemistry of Materials, 2005, 17, 1241-1247.	6.7	486
3	The effects of the surface oxidation of activated carbon, the solution pH and the temperature on adsorption of ibuprofen. Carbon, 2013, 54, 432-443.	10.3	215
4	Preparation of porous carbons from thermoplastic precursors and their performance for electric double layer capacitors. Carbon, 2006, 44, 2360-2367.	10.3	213
5	Templated mesoporous carbons: Synthesis and applications. Carbon, 2016, 107, 448-473.	10.3	208
6	Melamine-derived carbon sponges for oil-water separation. Carbon, 2016, 107, 198-208.	10.3	199
7	Adsorptive hydrogen storage in carbon and porous materials. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 108, 143-147.	3.5	154
8	Preparation and electrochemical characteristics of N-enriched carbon foam. Carbon, 2007, 45, 1105-1107.	10.3	147
9	Adsorption of ibuprofen from aqueous solution on chemically surface-modified activated carbon cloths. Arabian Journal of Chemistry, 2017, 10, S3584-S3594.	4.9	120
10	Electric Double Layer Capacitance of Highly Porous Carbon Derived from Lithium Metal and Polytetrafluoroethylene. Electrochemical and Solid-State Letters, 2001, 4, A5.	2.2	104
11	Carbon-coated tungsten and molybdenum carbides for electrode of electrochemical capacitor. Electrochimica Acta, 2007, 52, 2478-2484.	5.2	94
12	Structural characterization and electric double layer capacitance of template carbons. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 108, 156-161.	3.5	72
13	Synthesis of high quality multi-walled carbon nanotubes from the decomposition of acetylene on iron-group metal catalysts supported on MgO. Carbon, 2002, 40, 965-969.	10.3	61
14	Huge electrochemical capacitance of exfoliated carbon fibers. Carbon, 2003, 41, 2680-2682.	10.3	54
15	Structure and electrochemical properties of carbon aerogels polymerized in the presence of Cu <sup>2+</sup> . Journal of Non-Crystalline Solids, 2003, 330, 99-105.	3.1	50
16	Preparation and electrochemical performance of activated carbon thin films with polyethylene oxide-salt addition for electrochemical capacitor applications. Journal of Solid State Electrochemistry, 2008, 12, 1349-1355.	2.5	50
17	Exfoliated carbon fibers as an electrode for electric double layer capacitors in a 1 mol/dm <sup>3</sup> H <sub>2</sub> SO <sub>4</sub> electrolyte. Carbon, 2004, 42, 2833-2837.	10.3	47
18	Advanced carbon electrode for electrochemical capacitors. Journal of Solid State Electrochemistry, 2019, 23, 1061-1081.	2.5	43

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19	Structure and Electrochemical Capacitance of Nitrogen-enriched Mesoporous Carbon. <i>Chemistry Letters</i> , 2006, 35, 680-681.	1.3	39
20	Electrochemical behavior of exfoliated carbon fibers in H <sub>2</sub> SO <sub>4</sub> electrolyte with different concentrations. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 219-222.	4.0	35
21	Highly enhanced capacitance of MgO-templated mesoporous carbons in low temperature ionic liquids. <i>Journal of Power Sources</i> , 2014, 271, 377-381.	7.8	35
22	Low-temperature preparation and electrochemical capacitance of WC/carbon composites with high specific surface area. <i>Carbon</i> , 2007, 45, 2759-2767.	10.3	27
23	Contribution of mesopores in MgO-templated mesoporous carbons to capacitance in non-aqueous electrolytes. <i>Journal of Power Sources</i> , 2015, 276, 176-180.	7.8	23
24	Correlation between the pore structure and electrode density of MgO-templated carbons for electric double layer capacitor applications. <i>Journal of Power Sources</i> , 2016, 305, 128-133.	7.8	23
25	Effects of Nitric Acid and Heat Treatment on Hydrogen Adsorption of Single-Walled Carbon Nanotubes. <i>Australian Journal of Chemistry</i> , 2007, 60, 519.	0.9	22
26	Effectiveness of the dispersion of iron nanoparticles within micropores and mesopores of activated carbon for Rhodamine B removal in wastewater by the heterogeneous Fenton process. <i>Applied Water Science</i> , 2019, 9, 1.	5.6	22
27	Optimization of the reaction conditions for Fe-catalyzed decomposition of methane and characterization of the produced nanocarbon fibers. <i>Catalysis Today</i> , 2019, 332, 11-19.	4.4	22
28	Formation and texture of carbon nanofilaments by the catalytic decomposition of CO on stainless-steel plate. <i>Carbon</i> , 2000, 38, 478-480.	10.3	20
29	Pseudo-capacitance on exfoliated carbon fiber in sulfuric acid electrolyte. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 575-578.	2.3	17
30	MgO-templated carbon as a negative electrode material for Na-ion capacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 99, 167-172.	4.0	17
31	Development and degradation of graphitic microtexture in carbon nanospheres under a morphologically restrained condition. <i>Materials Chemistry and Physics</i> , 2010, 121, 419-424.	4.0	16
32	Preparation of intercalation compounds of carbon fibers through electrolysis using phosphoric acid electrolyte and their exfoliation. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1178-1181.	4.0	14
33	The effect of acid treatment of coal on H <sub>2</sub> S evolution during pyrolysis in hydrogen. <i>Fuel</i> , 1998, 77, 907-911.	6.4	13
34	Phase transition in porous electrodes. III. For the case of a two component electrolyte. <i>Journal of Chemical Physics</i> , 2013, 138, 234704.	3.0	13
35	Excellent Rate Capability of MgO-Templated Mesoporous Carbon as an Na-Ion Energy Storage Material. <i>ECS Electrochemistry Letters</i> , 2014, 4, A22-A23.	1.9	13
36	Preparation of porous carbons by templating method using Mg hydroxide for supercapacitors. <i>Microporous and Mesoporous Materials</i> , 2019, 287, 101-106.	4.4	13

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37	Electronic properties and structure of stage-4 MoCl <sub>5</sub> GICs prepared from highly crystallized graphite films. <i>Synthetic Metals</i> , 1995, 73, 49-54.	3.9	12
38	Effect of Mesopore in MgO Templated Mesoporous Carbon Electrode on Capacitor Performance. <i>Electrochemistry</i> , 2013, 81, 845-848.	1.4	12
39	Preparation and characterization of molybdenum carbides/carbon composites with high specific surface area. <i>Materials Letters</i> , 2008, 62, 2766-2768.	2.6	11
40	Conditions for the Formation of a New Type of Graphite Intercalation Compounds with FeCl <sub>3</sub> in Chloroform. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1992, 610, 157-162.	1.2	10
41	Capacitor performance of MgO-templated carbons synthesized using hydrothermally treated MgO particles. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110646.	4.4	10
42	Effect of coexistence of siloxane on production of hydrogen and nanocarbon by methane decomposition using Fe catalyst. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11556-11563.	7.1	10
43	Preparation of air-stable and highly conductive potassium-intercalated graphite sheet. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1482-1486.	4.0	9
44	Void-bearing electrodes with microporous activated carbon for electric double-layer capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 33-38.	3.8	9
45	A Novel Carbothermal Method for the Preparation of Nano-sized WC on High Surface Area Carbon. <i>Chemistry Letters</i> , 2006, 35, 1148-1149.	1.3	8
46	Carbons for Supercapacitors. , 2013, , 211-222.		8
47	Durability of mesoporous carbon electrodes in electric double layer capacitors with organic electrolytes. <i>Tanso</i> , 2017, 2017, 182-187.	0.1	8
48	Optimization by Using Response Surface Methodology of the Preparation from Plantain Spike of a Micro-/Mesoporous Activated Carbon Designed for Removal of Dyes in Aqueous Solution. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7231-7245.	3.0	8
49	Formation and stability of new FeCl <sub>3</sub> -graphite intercalation compounds. <i>Solid State Ionics</i> , 1993, 63-65, 523-527.	2.7	7
50	Optimization of total organic carbon removal of a real dyeing wastewater by heterogeneous Fenton using response surface methodology. , 0, 136, 186-198.		7
51	Electrochemical behavior of MgO-templated mesoporous carbons in the propylene carbonate solution of sodium hexafluorophosphate. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 273-280.	2.9	6
52	Host Effect on the Properties of AM-GICs. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 340, 59-64.	0.3	5
53	Enhanced Durability of Porous Carbon/Single-Walled Carbon Nanotube Composite Electrodes for Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1753-A1758.	2.9	5
54	Pulverized Graphite by Ball Milling for Electric Double-Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2019, 166, A2471-A2476.	2.9	5

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55	Synthesis and characterization of Cu doped activated carbon beads from chitosan. Microporous and Mesoporous Materials, 2021, 322, 111147.	4.4	5
56	Room temperature exfoliation of graphite microgravity. Carbon, 1993, 31, 1349-1350.	10.3	4
57	Doping of Bromine into Carbon Materials with Different Heat-Treatment Temperatures.. Journal of the Ceramic Society of Japan, 2003, 111, 42-46.	1.3	4
58	Stabilization of poly(vinyl chloride) using iodine vapor for preparing carbon aerogels. Journal of Materials Science, 2004, 39, 1463-1466.	3.7	3
59	TEM and Electron Tomography Imaging of Pt Particles Dispersed on Carbon Nanospheres. Journal of Nano Research, 2010, 11, 119-124.	0.8	3
60	Galvanomagnetic properties of air-stable and highly conductive potassium-intercalated graphite sheet. Journal of Physics and Chemistry of Solids, 2013, 74, 1875-1878.	4.0	3
61	Electric Double Layer Capacitors made by Exfoliated Carbon Fibers. Tanso, 2003, 2003, 225-230.	0.1	3
62	Mechanochemical Processing of Natural Graphite under Different Atmospheres for Fabricating Electrodes Used in Electric Double-layer Capacitors. Electrochemistry, 2020, 88, 94-98.	1.4	3
63	Direct Current Generation from NADH and L-Cysteine Using Carbon Fiber: Possible Uses in Biofuel Cells. Bulletin of the Chemical Society of Japan, 2011, 84, 544-551.	3.2	2
64	Application of Alkali Metal-Doped Carbons for Hydrogen Recovery and Isotope Separation. Journal of Nanoscience and Nanotechnology, 2011, 11, 9046-9049.	0.9	1
65	Ferroelectric Phase Behaviors in Porous Electrodes. Langmuir, 2017, 33, 11574-11581.	3.5	1
66	Capacitor devices for rapid charge/discharge storage. Synthesiology, 2013, 6, 222-231.	0.2	1
67	Electrochemical synthesis of carbon nanofibers. Electrochemistry, 2003, 71, 883-887.	1.4	1
68	Ultrasonic pre-treatment of an activated carbon powder in different solutions and influence on the ibuprofen adsorption. , 2020, 23, 17-31.		1
69	Synthesis of carbon nanofibers. Tanso, 2009, 2009, 72-76.	0.1	1
70	Nanocarbons for electrochemical capacitor electrode materials. Tanso, 2019, 2019, 59-66.	0.1	1
71	Characterization of CsC24 prepared from carbon materials with different graphitization degree. Synthetic Metals, 2001, 125, 147-151.	3.9	0
72	Current Generation from Na2SO3 and H2SO3 by Using Carbon Fiber Anode. Bulletin of the Chemical Society of Japan, 2012, 85, 923-929.	3.2	0

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73	Synthesis of highly-crystalline graphite films from organic polymer films. , 2022, 1, 2-21.		0
74	Potentialities of a mesoporous activated carbon as virus detection probe in aquatic systems. Journal of Virological Methods, 2022, 303, 114496.	2.1	0