Yasushi Soneda

List of Publications by Citations

74 papers	2,772 citations	23 h-index	52 g-index
76 ext. papers	3,072 ext. citations	4.8 avg, IF	5.25 L-index

#	Paper	IF	Citations
74	Supercapacitors Prepared from Melamine-Based Carbon. *Chemistry of Materials*, **2005**, 17, 1241-1247	9.6	452
73	Nitrogen-doped carbon materials. *Carbon*, **2018**, 132, 104-140	10.4	348
72	Preparation of porous carbons from thermoplastic precursors and their performance for electric double layer capacitors. *Carbon*, **2006**, 44, 2360-2367	10.4	187
71	The effects of the surface oxidation of activated carbon, the solution pH and the temperature on adsorption of ibuprofen. *Carbon*, **2013**, 54, 432-443	10.4	179
70	Templated mesoporous carbons: Synthesis and applications. *Carbon*, **2016**, 107, 448-473	10.4	163
69	Melamine-derived carbon sponges for oil-water separation. *Carbon*, **2016**, 107, 198-208	10.4	141
68	Preparation and electrochemical characteristics of N-enriched carbon foam. *Carbon*, **2007**, 45, 1105-1107	10.4	136
67	Adsorptive hydrogen storage in carbon and porous materials. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2004**, 108, 143-147	3.1	124
66	Electric Double Layer Capacitance of Highly Porous Carbon Derived from Lithium Metal and Polytetrafluoroethylene. *Electrochemical and Solid-State Letters*, **2001**, 4, A5		94
65	Adsorption of ibuprofen from aqueous solution on chemically surface-modified activated carbon cloths. *Arabian Journal of Chemistry*, **2017**, 10, S3584-S3594	5.9	84
64	Carbon-coated tungsten and molybdenum carbides for electrode of electrochemical capacitor. *Electrochimica Acta*, **2007**, 52, 2478-2484	6.7	76
63	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	3.1	63
62	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	10.4	56
61	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	2.6	48
60	Structure and electrochemical properties of carbon aerogels polymerized in the presence of Cu2+. *Journal of Non-Crystalline Solids*, **2003**, 330, 99-105	3.9	47
59	Huge electrochemical capacitance of exfoliated carbon fibers. *Carbon*, **2003**, 41, 2680-2682	10.4	45
58	Exfoliated carbon fibers as an electrode for electric double layer capacitors in a 1 mol/dm3 H2SO4 electrolyte. *Carbon*, **2004**, 42, 2833-2837	10.4	42

57	Structure and Electrochemical Capacitance of Nitrogen-enriched Mesoporous Carbon. *Chemistry Letters*, **2006**, 35, 680-681	1.7	35
56	Highly enhanced capacitance of MgO-templated mesoporous carbons in low temperature ionic liquids. *Journal of Power Sources*, **2014**, 271, 377-381	8.9	30
55	Electrochemical behavior of exfoliated carbon fibers in H2SO4 electrolyte with different concentrations. *Journal of Physics and Chemistry of Solids*, **2004**, 65, 219-222	3.9	29
54	Low-temperature preparation and electrochemical capacitance of WC/carbon composites with high specific surface area. *Carbon*, **2007**, 45, 2759-2767	10.4	26
53	Advanced carbon electrode for electrochemical capacitors. *Journal of Solid State Electrochemistry*, **2019**, 23, 1061-1081	2.6	23
52	Correlation between the pore structure and electrode density of MgO-templated carbons for electric double layer capacitor applications. *Journal of Power Sources*, **2016**, 305, 128-133	8.9	23
51	Contribution of mesopores in MgO-templated mesoporous carbons to capacitance in non-aqueous electrolytes. *Journal of Power Sources*, **2015**, 276, 176-180	8.9	22
50	Effects of Nitric Acid and Heat Treatment on Hydrogen Adsorption of Single-Walled Carbon Nanotubes. *Australian Journal of Chemistry*, **2007**, 60, 519	1.2	18
49	Formation and texture of carbon nanofilaments by the catalytic decomposition of CO on stainless-steel plate. *Carbon*, **2000**, 38, 478-480	10.4	17
48	MgO-templated carbon as a negative electrode material for Na-ion capacitors. *Journal of Physics and Chemistry of Solids*, **2016**, 99, 167-172	3.9	16
47	Development and degradation of graphitic microtexture in carbon nanospheres under a morphologically restrained condition. *Materials Chemistry and Physics*, **2010**, 121, 419-424	4.4	15
46	Pseudo-capacitance on exfoliated carbon fiber in sulfuric acid electrolyte. *Applied Physics A: Materials Science and Processing*, **2006**, 82, 575-578	2.6	14
45	The effect of acid treatment of coal on H2S evolution during pyrolysis in hydrogen. *Fuel*, **1998**, 77, 907-911	7.1	13
44	Excellent Rate Capability of MgO-Templated Mesoporous Carbon as an Na-Ion Energy Storage Material. *ECS Electrochemistry Letters*, **2014**, 4, A22-A23		12
43	Effect of Mesopore in MgO Templated Mesoporous Carbon Electrode on Capacitor Performance. *Electrochemistry*, **2013**, 81, 845-848	1.2	12
42	Optimization of the reaction conditions for Fe-catalyzed decomposition of methane and characterization of the produced nanocarbon fibers. *Catalysis Today*, **2019**, 332, 11-19	5.3	12
41	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. *Applied Water Science*, **2019**, 9, 1	5	11
40	Phase transition in porous electrodes. III. For the case of a two component electrolyte. *Journal of Chemical Physics*, **2013**, 138, 234704	3.9	11

39	Electronic properties and structure of stage-4 MoCl5 GICs prepared from highly crystallized graphite films. *Synthetic Metals*, **1995**, 73, 49-54	3.6	11
38	Preparation and characterization of molybdenum carbides/carbon composites with high specific surface area. *Materials Letters*, **2008**, 62, 2766-2768	3.3	10
37	Preparation of intercalation compounds of carbon fibers through electrolysis using phosphoric acid electrolyte and their exfoliation. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 1178-1181	3.9	10
36	Void-bearing electrodes with microporous activated carbon for electric double-layer capacitors. *Journal of Electroanalytical Chemistry*, **2019**, 833, 33-38	4.1	9
35	Preparation of air-stable and highly conductive potassium-intercalated graphite sheet. *Journal of Physics and Chemistry of Solids*, **2013**, 74, 1482-1486	3.9	8
34	Durability of mesoporous carbon electrodes in electric double layer capacitors with organic electrolytes. *Tanso*, **2017**, 2017, 182-187	0.1	8
33	A Novel Carbothermal Method for the Preparation of Nano-sized WC on High Surface Area Carbon. *Chemistry Letters*, **2006**, 35, 1148-1149	1.7	8
32	Conditions for the Formation of a New Type of Graphite Intercalation Compounds with FeCl3 in Chloroform. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1992**, 610, 157-162	1.3	7
31	Formation and stability of new FeCl3-graphite intercalation compounds. *Solid State Ionics*, **1993**, 63-65, 523-527	3.3	7
30	Optimization of total organic carbon removal of a real dyeing wastewater by heterogeneous Fenton using response surface methodology136, 186-198		7
29	Preparation of porous carbons by templating method using Mg hydroxide for supercapacitors. *Microporous and Mesoporous Materials*, **2019**, 287, 101-106	5.3	6
28	Electrochemical behavior of MgO-templated mesoporous carbons in the propylene carbonate solution of sodium hexafluorophosphate. *Journal of Applied Electrochemistry*, **2015**, 45, 273-280	2.6	6
27	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. *Arabian Journal for Science and Engineering*, **2020**, 45, 7231-7245	2.5	5
26	Enhanced Durability of Porous Carbon/Single-Walled Carbon Nanotube Composite Electrodes for Supercapacitors. *Journal of the Electrochemical Society*, **2016**, 163, A1753-A1758	3.9	5
25	Host Effect on the Properties of AM-GICs. *Molecular Crystals and Liquid Crystals*, **2000**, 340, 59-64		5
24	Pulverized Graphite by Ball Milling for Electric Double-Layer Capacitors. *Journal of the Electrochemical Society*, **2019**, 166, A2471-A2476	3.9	4
23	Carbons for Supercapacitors **2013**, 211-222		4
22	Doping of Bromine into Carbon Materials with Different Heat-Treatment Temperatures.. *Journal of the Ceramic Society of Japan*, **2003**, 111, 42-46		4

21	TEM and Electron Tomography Imaging of Pt Particles Dispersed on Carbon Nanospheres. *Journal of Nano Research*, **2010**, 11, 119-124	1	3
20	Galvanomagnetic properties of air-stable and highly conductive potassium-intercalated graphite sheet. *Journal of Physics and Chemistry of Solids*, **2013**, 74, 1875-1878	3.9	2
19	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	5.1	2
18	Stabilization of poly(vinyl chloride) using iodine vapor for preparing carbon aerogels. *Journal of Materials Science*, **2004**, 39, 1463-1466	4.3	2
17	Room temprature exfoliation of graphite microgravity. *Carbon*, **1993**, 31, 1349-1350	10.4	2
16	Electric Double Layer Capacitors made by Exfoliated Carbon Fibers. *Tanso*, **2003**, 2003, 225-230	0.1	2
15	Effect of coexistence of siloxane on production of hydrogen and nanocarbon by methane decomposition using Fe catalyst. *International Journal of Hydrogen Energy*, **2021**, 46, 11556-11563	6.7	2
14	Ferroelectric Phase Behaviors in Porous Electrodes. *Langmuir*, **2017**, 33, 11574-11581	4	1
13	Application of alkali metal-doped carbons for hydrogen recovery and isotope separation. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 9046-9	1.3	1
12	Capacitor devices for rapid charge/discharge storage. *Synthesiology*, **2013**, 6, 222-231	0.1	1
11	?????????????. *Electrochemistry*, **2003**, 71, 883-887	1.2	1
10	Ultrasonic pre-treatment of an activated carbon powder in different solutions and influence on the ibuprofen adsorption **2020**, 23, 17-31		1
9	Nanocarbons for electrochemical capacitor electrode materials. *Tanso*, **2019**, 2019, 59-66	0.1	1
8	Mechanochemical Processing of Natural Graphite under Different Atmospheres for Fabricating Electrodes Used in Electric Double-layer Capacitors. *Electrochemistry*, **2020**, 88, 94-98	1.2	1
7	Synthesis of carbon nanofibers. *Tanso*, **2009**, 2009, 72-76	0.1	1
6	Capacitor performance of MgO-templated carbons synthesized using hydrothermally treated MgO particles. *Microporous and Mesoporous Materials*, **2021**, 310, 110646	5.3	1
5	Synthesis and characterization of Cu doped activated carbon beads from chitosan. *Microporous and Mesoporous Materials*, **2021**, 322, 111147	5.3	0
4	Current Generation from Na2SO3 and H2SO3 by Using Carbon Fiber Anode. *Bulletin of the Chemical Society of Japan*, **2012**, 85, 923-929	5.1	

3	Characterization of CsC24 prepared from carbon materials with different graphitization degree. *Synthetic Metals*, **2001**, 125, 147-151	3.6
2	Synthesis of highly-crystalline graphite films from organic polymer films **2022**, 1, 2-21	
1	Potentialities of a mesoporous activated carbon as virus detection probe in aquatic systems.. *Journal of Virological Methods*, **2022**, 303, 114496	2.6