

Yasushi Soneda

List of Publications by Year in Descending Order

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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.

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	Synthesis of highly-crystalline graphite films from organic polymer films 2022 , 1, 2-21		
73	Potentialities of a mesoporous activated carbon as virus detection probe in aquatic systems.. <i>Journal of Virological Methods</i> , 2022 , 303, 114496	2.6	
72	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	6.7	2
71	Synthesis and characterization of Cu doped activated carbon beads from chitosan. <i>Microporous and Mesoporous Materials</i> , 2021 , 322, 111147	5.3	0
70	Capacitor performance of MgO-templated carbons synthesized using hydrothermally treated MgO particles. <i>Microporous and Mesoporous Materials</i> , 2021 , 310, 110646	5.3	1
69	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	2.5	5
68	Ultrasonic pre-treatment of an activated carbon powder in different solutions and influence on the ibuprofen adsorption 2020 , 23, 17-31		1
67	Mechanochemical Processing of Natural Graphite under Different Atmospheres for Fabricating Electrodes Used in Electric Double-layer Capacitors. <i>Electrochemistry</i> , 2020 , 88, 94-98	1.2	1
66	Preparation of porous carbons by templating method using Mg hydroxide for supercapacitors. <i>Microporous and Mesoporous Materials</i> , 2019 , 287, 101-106	5.3	6
65	Advanced carbon electrode for electrochemical capacitors. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 1061-1081	2.6	23
64	Pulverized Graphite by Ball Milling for Electric Double-Layer Capacitors. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2471-A2476	3.9	4
63	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	11
62	Nanocarbons for electrochemical capacitor electrode materials. <i>Tanso</i> , 2019 , 2019, 59-66	0.1	1
61	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	5.3	12
60	Void-bearing electrodes with microporous activated carbon for electric double-layer capacitors. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 833, 33-38	4.1	9
59	Nitrogen-doped carbon materials. <i>Carbon</i> , 2018 , 132, 104-140	10.4	348
58	Ferroelectric Phase Behaviors in Porous Electrodes. <i>Langmuir</i> , 2017 , 33, 11574-11581	4	1

57	Adsorption of ibuprofen from aqueous solution on chemically surface-modified activated carbon cloths. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S3584-S3594	5.9	84
56	Durability of mesoporous carbon electrodes in electric double layer capacitors with organic electrolytes. <i>Tanso</i> , 2017 , 2017, 182-187	0.1	8
55	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	3.9	16
54	Melamine-derived carbon sponges for oil-water separation. <i>Carbon</i> , 2016 , 107, 198-208	10.4	141
53	Templated mesoporous carbons: Synthesis and applications. <i>Carbon</i> , 2016 , 107, 448-473	10.4	163
52	Enhanced Durability of Porous Carbon/Single-Walled Carbon Nanotube Composite Electrodes for Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A1753-A1758	3.9	5
51	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	8.9	23
50	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	2.6	6
49	Contribution of mesopores in MgO-templated mesoporous carbons to capacitance in non-aqueous electrolytes. <i>Journal of Power Sources</i> , 2015 , 276, 176-180	8.9	22
48	Highly enhanced capacitance of MgO-templated mesoporous carbons in low temperature ionic liquids. <i>Journal of Power Sources</i> , 2014 , 271, 377-381	8.9	30
47	Excellent Rate Capability of MgO-Templated Mesoporous Carbon as an Na-Ion Energy Storage Material. <i>ECS Electrochemistry Letters</i> , 2014 , 4, A22-A23		12
46	The effects of the surface oxidation of activated carbon, the solution pH and the temperature on adsorption of ibuprofen. <i>Carbon</i> , 2013 , 54, 432-443	10.4	179
45	Preparation of air-stable and highly conductive potassium-intercalated graphite sheet. <i>Journal of Physics and Chemistry of Solids</i> , 2013 , 74, 1482-1486	3.9	8
44	Carbons for Supercapacitors 2013 , 211-222		4
43	Galvanomagnetic properties of air-stable and highly conductive potassium-intercalated graphite sheet. <i>Journal of Physics and Chemistry of Solids</i> , 2013 , 74, 1875-1878	3.9	2
42	Phase transition in porous electrodes. III. For the case of a two component electrolyte. <i>Journal of Chemical Physics</i> , 2013 , 138, 234704	3.9	11
41	Effect of Mesopore in MgO Templated Mesoporous Carbon Electrode on Capacitor Performance. <i>Electrochemistry</i> , 2013 , 81, 845-848	1.2	12
40	Capacitor devices for rapid charge/discharge storage. <i>Synthesiology</i> , 2013 , 6, 222-231	0.1	1

39	Current Generation from Na ₂ SO ₃ and H ₂ SO ₃ by Using Carbon Fiber Anode. <i>Bulletin of the Chemical Society of Japan</i> , 2012 , 85, 923-929	5.1	
38	Application of alkali metal-doped carbons for hydrogen recovery and isotope separation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 9046-9	1.3	1
37	Direct Current Generation from NADH and L-Cysteine Using Carbon Fiber: Possible Uses in Biofuel Cells. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 544-551	5.1	2
36	TEM and Electron Tomography Imaging of Pt Particles Dispersed on Carbon Nanospheres. <i>Journal of Nano Research</i> , 2010 , 11, 119-124	1	3
35	Development and degradation of graphitic microtexture in carbon nanospheres under a morphologically restrained condition. <i>Materials Chemistry and Physics</i> , 2010 , 121, 419-424	4.4	15
34	Synthesis of carbon nanofibers. <i>Tanso</i> , 2009 , 2009, 72-76	0.1	1
33	Preparation and characterization of molybdenum carbides/carbon composites with high specific surface area. <i>Materials Letters</i> , 2008 , 62, 2766-2768	3.3	10
32	Preparation and electrochemical performance of activated carbon thin films with polyethylene oxide-salt addition for electrochemical capacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2008 , 12, 1349-1355	2.6	48
31	Preparation and electrochemical characteristics of N-enriched carbon foam. <i>Carbon</i> , 2007 , 45, 1105-1107	10.4	136
30	Low-temperature preparation and electrochemical capacitance of WC/carbon composites with high specific surface area. <i>Carbon</i> , 2007 , 45, 2759-2767	10.4	26
29	Carbon-coated tungsten and molybdenum carbides for electrode of electrochemical capacitor. <i>Electrochimica Acta</i> , 2007 , 52, 2478-2484	6.7	76
28	Effects of Nitric Acid and Heat Treatment on Hydrogen Adsorption of Single-Walled Carbon Nanotubes. <i>Australian Journal of Chemistry</i> , 2007 , 60, 519	1.2	18
27	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	3.9	10
26	Structure and Electrochemical Capacitance of Nitrogen-enriched Mesoporous Carbon. <i>Chemistry Letters</i> , 2006 , 35, 680-681	1.7	35
25	A Novel Carbothermal Method for the Preparation of Nano-sized WC on High Surface Area Carbon. <i>Chemistry Letters</i> , 2006 , 35, 1148-1149	1.7	8
24	Preparation of porous carbons from thermoplastic precursors and their performance for electric double layer capacitors. <i>Carbon</i> , 2006 , 44, 2360-2367	10.4	187
23	Pseudo-capacitance on exfoliated carbon fiber in sulfuric acid electrolyte. <i>Applied Physics A: Materials Science and Processing</i> , 2006 , 82, 575-578	2.6	14
22	Supercapacitors Prepared from Melamine-Based Carbon. <i>Chemistry of Materials</i> , 2005 , 17, 1241-1247	9.6	452

21	Stabilization of poly(vinyl chloride) using iodine vapor for preparing carbon aerogels. <i>Journal of Materials Science</i> , 2004 , 39, 1463-1466	4.3	2
20	Structural characterization and electric double layer capacitance of template carbons. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004 , 108, 156-161	3.1	63
19	Electrochemical behavior of exfoliated carbon fibers in H ₂ SO ₄ electrolyte with different concentrations. <i>Journal of Physics and Chemistry of Solids</i> , 2004 , 65, 219-222	3.9	29
18	Adsorptive hydrogen storage in carbon and porous materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004 , 108, 143-147	3.1	124
17	Exfoliated carbon fibers as an electrode for electric double layer capacitors in a 1 mol/dm ³ H ₂ SO ₄ electrolyte. <i>Carbon</i> , 2004 , 42, 2833-2837	10.4	42
16	Doping of Bromine into Carbon Materials with Different Heat-Treatment Temperatures.. <i>Journal of the Ceramic Society of Japan</i> , 2003 , 111, 42-46		4
15	Huge electrochemical capacitance of exfoliated carbon fibers. <i>Carbon</i> , 2003 , 41, 2680-2682	10.4	45
14	Structure and electrochemical properties of carbon aerogels polymerized in the presence of Cu ²⁺ . <i>Journal of Non-Crystalline Solids</i> , 2003 , 330, 99-105	3.9	47
13	?????????????. <i>Electrochemistry</i> , 2003 , 71, 883-887	1.2	1
12	Electric Double Layer Capacitors made by Exfoliated Carbon Fibers. <i>Tanso</i> , 2003 , 2003, 225-230	0.1	2
11	Synthesis of high quality multi-walled carbon nanotubes from the decomposition of acetylene on iron-group metal catalysts supported on MgO. <i>Carbon</i> , 2002 , 40, 965-969	10.4	56
10	Electric Double Layer Capacitance of Highly Porous Carbon Derived from Lithium Metal and Polytetrafluoroethylene. <i>Electrochemical and Solid-State Letters</i> , 2001 , 4, A5		94
9	Characterization of CsC ₂₄ prepared from carbon materials with different graphitization degree. <i>Synthetic Metals</i> , 2001 , 125, 147-151	3.6	
8	Formation and texture of carbon nanofilaments by the catalytic decomposition of CO on stainless-steel plate. <i>Carbon</i> , 2000 , 38, 478-480	10.4	17
7	Host Effect on the Properties of AM-GICs. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 59-64		5
6	The effect of acid treatment of coal on H ₂ S evolution during pyrolysis in hydrogen. <i>Fuel</i> , 1998 , 77, 907-911	1.1	13
5	Electronic properties and structure of stage-4 MoCl ₅ GICs prepared from highly crystallized graphite films. <i>Synthetic Metals</i> , 1995 , 73, 49-54	3.6	11
4	Formation and stability of new FeCl ₃ -graphite intercalation compounds. <i>Solid State Ionics</i> , 1993 , 63-65, 523-527	3.3	7

- 3 Room temperature exfoliation of graphite microgravity. *Carbon*, **1993**, 31, 1349-1350 10.4 2
- 2 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
- 1 Optimization of total organic carbon removal of a real dyeing wastewater by heterogeneous Fenton using response surface methodology 136, 186-198 7