

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5108839/hai-duong-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95 papers	3,319 citations	34 h-index	55 g-index
98 ext. papers	3,879 ext. citations	5.2 avg, IF	5.52 L-index

#	Paper	IF	Citations
95	Advanced fabrication and oil absorption properties of super-hydrophobic recycled cellulose aerogels. <i>Chemical Engineering Journal</i> , 2015 , 270, 168-175	14.7	270
94	Cellulose Aerogel from Paper Waste for Crude Oil Spill Cleaning. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 18386-18391	3.9	205
93	Advanced thermal insulation and absorption properties of recycled cellulose aerogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 445, 128-134	5.1	172
92	Electrospun TiO ₂ /Graphene Composite Nanofibers as a Highly Durable Insertion Anode for Lithium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 14780-14788	3.8	171
91	High-yield growth and morphology control of aligned carbon nanotubes on ceramic fibers for multifunctional enhancement of structural composites. <i>Carbon</i> , 2009 , 47, 551-560	10.4	158
90	A Na(+) Superionic Conductor for Room-Temperature Sodium Batteries. <i>Scientific Reports</i> , 2016 , 6, 32330	3.9	110
89	Silica/cellulose hybrid aerogels for thermal and acoustic insulation applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 506, 298-305	5.1	110
88	Advanced multifunctional graphene aerogel/Poly (methyl methacrylate) composites: Experiments and modeling. <i>Carbon</i> , 2015 , 81, 396-404	10.4	106
87	Cotton aerogels and cotton-cellulose aerogels from environmental waste for oil spillage cleanup. <i>Materials and Design</i> , 2017 , 130, 452-458	8.1	91
86	Super-strong and highly conductive carbon nanotube ribbons from post-treatment methods. <i>Carbon</i> , 2016 , 99, 407-415	10.4	76
85	Cellulose-based aerogels from sugarcane bagasse for oil spill-cleaning and heat insulation applications. <i>Carbohydrate Polymers</i> , 2020 , 228, 115365	10.3	73
84	Morphology control and thermal stability of binderless-graphene aerogels from graphite for energy storage applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 414, 352-358	5.1	68
83	Temperature-dependent phonon conduction and nanotube engagement in metalized single wall carbon nanotube films. <i>Nano Letters</i> , 2010 , 10, 2395-400	11.5	60
82	Computational modeling of the thermal conductivity of single-walled carbon nanotube-polymer composites. <i>Nanotechnology</i> , 2008 , 19, 065702	3.4	58
81	Continuous and scalable fabrication and multifunctional properties of carbon nanotube aerogels from the floating catalyst method. <i>Carbon</i> , 2016 , 102, 409-418	10.4	56
80	Post-Treatments for Multifunctional Property Enhancement of Carbon Nanotube Fibers from the Floating Catalyst Method. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 7948-56	9.5	51
79	High Li ion conductivity in a garnet-type solid electrolyte via unusual site occupation of the doping Ca ions. <i>Materials and Design</i> , 2016 , 93, 232-237	8.1	48

78	Thermal transport phenomena and limitations in heterogeneous polymer composites containing carbon nanotubes and inorganic nanoparticles. <i>Carbon</i> , 2014 , 78, 305-316	10.4	48
77	Continuous Carbon Nanotube-Based Fibers and Films for Applications Requiring Enhanced Heat Dissipation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17461-71	9.5	47
76	Thermal and electrical properties of graphene/carbon nanotube aerogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 445, 48-53	5.1	45
75	Effects of heat treatment on the thermal properties of highly nanoporous graphene aerogels using the infrared microscopy technique. <i>International Journal of Heat and Mass Transfer</i> , 2014 , 76, 122-127	4.9	45
74	Facile synthesis and advanced performance of Ni(OH) ₂ /CNTs nanoflake composites on supercapacitor applications. <i>Chemical Physics Letters</i> , 2014 , 601, 168-173	2.5	44
73	Random walks in nanotube composites: Improved algorithms and the role of thermal boundary resistance. <i>Applied Physics Letters</i> , 2005 , 87, 013101	3.4	43
72	Super high-rate fabrication of high-purity carbon nanotube aerogels from floating catalyst method for oil spill cleaning. <i>Chemical Physics Letters</i> , 2018 , 693, 146-151	2.5	39
71	Effective Heat Transfer Properties of Graphene Sheet Nanocomposites and Comparison to Carbon Nanotube Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 3872-3880	3.8	39
70	Morphology Effects on Nonisotropic Thermal Conduction of Aligned Single-Walled and Multi-Walled Carbon Nanotubes in Polymer Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 8851-8860	3.8	39
69	Purification and Dissolution of Carbon Nanotube Fibers Spun from the Floating Catalyst Method. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37112-37119	9.5	38
68	Crystal structure, migration mechanism and electrochemical performance of Cr-stabilized garnet. <i>Solid State Ionics</i> , 2014 , 268, 135-139	3.3	38
67	Inter-carbon nanotube contact in thermal transport of controlled-morphology polymer nanocomposites. <i>Nanotechnology</i> , 2009 , 20, 155702	3.4	38
66	Formation mechanisms and morphological effects on multi-properties of carbon nanotube fibers and their polyimide aerogel-coated composites. <i>Composites Science and Technology</i> , 2015 , 117, 114-120	8.6	37
65	Morphology effects on electrical and thermal properties of binderless graphene aerogels. <i>Chemical Physics Letters</i> , 2013 , 561-562, 92-96	2.5	36
64	Multi-property enhancement of aligned carbon nanotube thin films from floating catalyst method. <i>Materials and Design</i> , 2016 , 108, 754-760	8.1	36
63	Electrical property enhancement of carbon nanotube fibers from post treatments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 509, 384-389	5.1	35
62	Hierarchical porous nickel oxide/carbon nanotubes as advanced pseudocapacitor materials for supercapacitors. <i>Chemical Physics Letters</i> , 2013 , 561-562, 68-73	2.5	35
61	Advanced Recycled Polyethylene Terephthalate Aerogels from Plastic Waste for Acoustic and Thermal Insulation Applications. <i>Gels</i> , 2018 , 4,	4.2	31

60	Calculated Thermal Properties of Single-Walled Carbon Nanotube Suspensions. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 19860-19865	3.8	31
59	Advanced multifunctional properties of aligned carbon nanotube-epoxy thin film composites. <i>Materials and Design</i> , 2015 , 87, 600-605	8.1	30
58	Methyltrimethoxysilane-coated recycled polyethylene terephthalate aerogels for oil spill cleaning applications. <i>Materials Chemistry and Physics</i> , 2020 , 239, 122064	4.4	30
57	Advanced fabrication and multi-properties of rubber aerogels from car tire waste. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 577, 702-708	5.1	29
56	Controlled synthesis of MnO ₂ /CNT nanocomposites for supercapacitor applications. <i>Materials Technology</i> , 2014 , 29, A107-A113	2.1	29
55	Heat and sound insulation applications of pineapple aerogels from pineapple waste. <i>Materials Chemistry and Physics</i> , 2020 , 242, 122267	4.4	28
54	On-chip integrated vertically aligned carbon nanotube based super- and pseudocapacitors. <i>Scientific Reports</i> , 2017 , 7, 16594	4.9	26
53	A numerical study on the effective thermal conductivity of biological fluids containing single-walled carbon nanotubes. <i>International Journal of Heat and Mass Transfer</i> , 2009 , 52, 5591-5597	4.9	24
52	Continuous self-assembly of carbon nanotube thin films and their composites for supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 481, 626-632	5.1	23
51	A Facile Approach to Tune the Electrical and Thermal Properties of Graphene Aerogels by Including Bulk MoS ₂ . <i>Nanomaterials</i> , 2017 , 7,	5.4	21
50	Mesoscopic modeling of cancer photothermal therapy using single-walled carbon nanotubes and near infrared radiation: insights through an off-lattice Monte Carlo approach. <i>Nanotechnology</i> , 2014 , 25, 205101	3.4	21
49	Effect of alignment and packing density on the stress relaxation process of carbon nanotube fibers spun from floating catalyst chemical vapor deposition method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 558, 570-578	5.1	21
48	Inter-Carbon Nanotube Contact and Thermal Resistances in Heat Transport of Three-Phase Composites. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 7614-7620	3.8	20
47	Applications of functionalized polyethylene terephthalate aerogels from plastic bottle waste. <i>Waste Management</i> , 2019 , 100, 296-305	8.6	20
46	Thermal Degradation of Single-Walled Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1994-1999	1.4	20
45	A facile strategy to achieve high conduction and excellent chemical stability of lithium solid electrolytes. <i>RSC Advances</i> , 2015 , 5, 6588-6594	3.7	19
44	Three dimensional manganese oxide on carbon nanotube hydrogels for asymmetric supercapacitors. <i>RSC Advances</i> , 2016 , 6, 36954-36960	3.7	19
43	Advanced aerogels from waste tire fibers for oil spill-cleaning applications. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104016	6.8	18

42	Recycling of waste tire fibers into advanced aerogels for thermal insulation and sound absorption applications. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104279	6.8	18
41	CommunicationPoly(ethylene oxide)-Immobilized Ionogel with High Ionic Liquid Loading and Superior Ionic Conductivity. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2887-A2889	3.9	17
40	Off-Lattice Monte Carlo Simulation of Heat Transfer through Carbon Nanotube Multiphase Systems Taking into Account Thermal Boundary Resistances. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014 , 65, 1023-1043	2.3	17
39	Functionalized pineapple aerogels for ethylene gas adsorption and nickel (II) ion removal applications. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104524	6.8	17
38	Advanced fabrication and application of pineapple aerogels from agricultural waste. <i>Materials Technology</i> , 2020 , 35, 807-814	2.1	15
37	Recycling of Pineapple Leaf and Cotton Waste Fibers into Heat-insulating and Flexible Cellulose Aerogel Composites. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 1112-1121	4.5	14
36	Recycling of magnesium waste into magnesium hydroxide aerogels. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104101	6.8	13
35	Advanced fabrication and properties of hybrid polyethylene tetrachalate fiberSilica aerogels from plastic bottle waste. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 556, 37-42	5.1	12
34	Three dimensional carbon nanotube/nickel hydroxide gels for advanced supercapacitors. <i>RSC Advances</i> , 2015 , 5, 30260-30267	3.7	11
33	Nanocellulose Aerogels as Thermal Insulation Materials 2016 , 411-427		11
32	Recycled Cellulose Aerogels from Paper Waste for a Heat Insulation Design of Canteen Bottles. <i>Fluids</i> , 2019 , 4, 174	1.6	11
31	Fabrication and Properties of Hybrid Coffee-Cellulose Aerogels from Spent Coffee Grounds. <i>Polymers</i> , 2019 , 11,	4.5	11
30	Prediction of thermal resistances and heat conduction of carbon nanotube aerogels in various permeated gases. <i>Chemical Physics Letters</i> , 2015 , 627, 116-120	2.5	10
29	Review of Recent Developments on Using an Off-Lattice Monte Carlo Approach to Predict the Effective Thermal Conductivity of Composite Systems with Complex Structures. <i>Nanomaterials</i> , 2016 , 6,	5.4	10
28	Advanced Fabrication and Properties of Aligned Carbon Nanotube Composites: Experiments and Modeling 2016 ,		9
27	Free-standing PEDOT:PSS/CNT aerogels and their electrochemical performance. <i>Materials Technology</i> , 2017 , 32, 622-629	2.1	8
26	Mechanism and Optimization of Metal Deposition onto Vertically Aligned Single-Walled Carbon Nanotube Arrays. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 14230-14235	3.8	8
25	A comprehensive study on the self-lubrication mechanisms of SU-8 composites. <i>Tribology International</i> , 2016 , 95, 391-405	4.9	7

24	Compressed hybrid cotton aerogels for stopping liquid leakage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 537, 502-507	5.1	7
23	Advanced properties of multiwalled carbon nanotube elastomer composites. <i>Materials Technology</i> , 2015 , 30, 150-154	2.1	6
22	A novel aerogel from thermal power plant waste for thermal and acoustic insulation applications. <i>Waste Management</i> , 2021 , 124, 1-7	8.6	6
21	Tribology of Self-lubricating SU-8+PFPE Composite based Lub-tape. <i>Procedia Engineering</i> , 2013 , 68, 497-504		5
20	Thermal Jacket Design Using Cellulose Aerogels for Heat Insulation Application of Water Bottles. <i>Fluids</i> , 2017 , 2, 64	1.6	5
19	Advanced Aerogels from Wool Waste Fibers for Oil Spill Cleaning Applications. <i>Journal of Polymers and the Environment</i> , 1	4.5	5
18	Fabrication and optimization of multifunctional nanoporous aerogels using recycled textile fibers from car tire wastes for oil-spill cleaning, heat-insulating and sound absorbing applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 628, 127363	5.1	5
17	Recycled Paper Cellulose Aerogel Synthesis and Water Absorption Properties. <i>Advanced Materials Research</i> , 2014 , 936, 938-941	0.5	4
16	Green fabrication of flexible aerogels from polypropylene fibers for heat insulation and oil/water separation. <i>Journal of Porous Materials</i> , 2021 , 28, 617-627	2.4	4
15	Modeling Radial-Flow Ion-Exchange Bed Performance. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 3681-3691	3.9	3
14	Limiting Mechanisms of Thermal Transport in Carbon Nanotube-Based Heterogeneous Media. <i>Recent Patents on Engineering</i> , 2011 , 5, 209-232	0.3	3
13	Advanced fabrication and multi-properties of aluminium hydroxide aerogels from aluminium wastes. <i>Journal of Material Cycles and Waste Management</i> , 2021 , 23, 885-894	3.4	3
12	Green recycling of fly ash into heat and sound insulation composite aerogels reinforced by recycled polyethylene terephthalate fibers. <i>Journal of Cleaner Production</i> , 2021 , 322, 129138	10.3	3
11	Direct Spinning of Horizontally Aligned Carbon Nanotube Fibers and Films From the Floating Catalyst Method 2019 , 3-29		2
10	Mesoscopic modeling of heat transfer in carbon nanotube multiphase polymer composites 2016 ,		2
9	Computational study on anisotropic thermal characterization of multi-scale wires using transient electrothermal technique. <i>International Journal of Thermal Sciences</i> , 2014 , 77, 165-171	4.1	2
8	Anisotropic heat transfer prediction of multiscale wires using pulse laser thermal relaxation technique. <i>Chemical Physics Letters</i> , 2013 , 555, 239-246	2.5	2
7	Composite aerogels of TEMPO-oxidized pineapple leaf pulp and chitosan for dyes removal. <i>Separation and Purification Technology</i> , 2021 , 283, 120200	8.3	2

6	Addressing the quantitative conversion bottleneck in single-atom catalysis.. <i>Nature Communications</i> , 2022 , 13, 2807	17.4	2
5	Advanced thermal properties of carbon-based aerogels 2020 , 221-269		1
4	Recent Progresses in Eco-Friendly Fabrication and Applications of Sustainable Aerogels from Various Waste Materials. <i>Waste and Biomass Valorization</i> , 2021 , 1-23	3.2	1
3	Graphene/Carbon Nanotube Aerogels 2016 , 563-578		1
2	Post-spinning treatments to carbon nanotube fibers 2020 , 103-134		1
1	Green fabrication of bio-based aerogels from coconut fibers for wastewater treatment. <i>Journal of Porous Materials</i> ,1	2.4	