

Huai-Ping Cong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8098261/publications.pdf>

Version: 2024-02-01

48
papers

6,512
citations

117453

34
h-index

214527

47
g-index

49
all docs

49
docs citations

49
times ranked

11090
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastretchable and Self-Healing Conductors with Double Dynamic Network for Omni-Healable Capacitive Strain Sensors. <i>Nano Letters</i> , 2022, 22, 1433-1442.	4.5	24
2	Autonomous Self-Healing of Highly Stretchable Supercapacitors at All Climates. <i>Nano Letters</i> , 2022, 22, 6444-6453.	4.5	15
3	A multi-responsive healable supercapacitor. <i>Nature Communications</i> , 2021, 12, 4297.	5.8	135
4	Anisotropic and self-healing hydrogels with multi-responsive actuating capability. <i>Nature Communications</i> , 2019, 10, 2202.	5.8	238
5	A Highly Stretchable and Real-Time Healable Supercapacitor. <i>Advanced Materials</i> , 2019, 31, e1900573.	11.1	214
6	A Bioinspired Interface Design for Improving the Strength and Electrical Conductivity of Graphene-Based Fibers. <i>Advanced Materials</i> , 2018, 30, e1706435.	11.1	138
7	Templating Synthesis of Mesoporous Fe ₃ C-Encapsulated Fe-N-Doped Carbon Hollow Nanospindles for Electrocatalysis. <i>Langmuir</i> , 2018, 34, 4952-4961.	1.6	43
8	Stable Lithium Storage in Nitrogen-Doped Carbon-Coated Ferric Oxide Yolk-Shell Nanospindles with Preserved Hollow Space. <i>ChemPlusChem</i> , 2018, 83, 99-107.	1.3	5
9	Highly Tough Bioinspired Ternary Hydrogels Synergistically Reinforced by Graphene/Xonotlite Network. <i>Small</i> , 2018, 14, e1800673.	5.2	13
10	Graphene Thin Films by Noncovalent-Interaction-Driven Assembly of Graphene Monolayers for Flexible Supercapacitors. <i>Chem</i> , 2018, 4, 896-910.	5.8	48
11	Transforming ground mica into high-performance biomimetic polymeric mica film. <i>Nature Communications</i> , 2018, 9, 2974.	5.8	107
12	Self-healing and superstretchable conductors from hierarchical nanowire assemblies. <i>Nature Communications</i> , 2018, 9, 2786.	5.8	195
13	A Noble-Metal-Free CdS/Ni ₃ S ₂ @C Nanocomposite for Efficient Visible-Light-Driven Photocatalysis. <i>Small Methods</i> , 2018, 2, 1800029.	4.6	25
14	Hierarchically structured Co ₃ O ₄ @carbon porous fibers derived from electrospun ZIF-67/PAN nanofibers as anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12962-12968.	5.2	120
15	Facile Synthesis of Upconverting Nanoparticles/Zinc Oxide Core-Shell Nanostructures with Large Lattice Mismatch for Infrared Triggered Photocatalysis. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600222.	1.2	24
16	Dynamic Au-Thiolate Interaction Induced Rapid Self-Healing Nanocomposite Hydrogels with Remarkable Mechanical Behaviors. <i>Chem</i> , 2017, 3, 691-705.	5.8	144
17	Titanium Dioxide/Upconversion Nanoparticles/Cadmium Sulfide Nanofibers Enable Enhanced Full-Spectrum Absorption for Superior Solar Light Driven Photocatalysis. <i>ChemSusChem</i> , 2016, 9, 1449-1454.	3.6	67
18	Near-Infrared Photocatalytic Upconversion Nanoparticles/TiO ₂ Nanofibers Assembled in Large Scale by Electrospinning. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 248-253.	1.2	98

#	ARTICLE	IF	CITATIONS
19	Built-in Carbon Nanotube Network inside a Biomass-Derived Hierarchically Porous Carbon to Enhance the Performance of the Sulfur Cathode in a Li-S Battery. <i>ChemNanoMat</i> , 2016, 2, 712-718.	1.5	52
20	Graphene-Wrapped Graphitic Carbon Hollow Spheres: Bioinspired Synthesis and Applications in Batteries and Supercapacitors. <i>ChemNanoMat</i> , 2016, 2, 540-546.	1.5	28
21	The Electrochemistry with Lithium versus Sodium of Selenium Confined To Slit Micropores in Carbon. <i>Nano Letters</i> , 2016, 16, 4560-4568.	4.5	140
22	Photocatalytic CO ₂ reduction highly enhanced by oxygen vacancies on Pt-nanoparticle-dispersed gallium oxide. <i>Nano Research</i> , 2016, 9, 1689-1700.	5.8	141
23	Combining Nitrogen-Doped Graphene Sheets and MoS ₂ : A Unique Film-Foam-Film Structure for Enhanced Lithium Storage. <i>Angewandte Chemie</i> , 2016, 128, 12975-12980.	1.6	44
24	Combining Nitrogen-Doped Graphene Sheets and MoS ₂ : A Unique Film-Foam-Film Structure for Enhanced Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12783-12788.	7.2	172
25	Conductive Carbon Network inside a Sulfur-Impregnated Carbon Sponge: A Bioinspired High-Performance Cathode for Li-S Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22261-22269.	4.0	54
26	Graphene Sandwiched by Sulfur-Confined Mesoporous Carbon Nanosheets: A Kinetically Stable Cathode for Li-S Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33704-33711.	4.0	56
27	Coupling Microbial Growth with Nanoparticles: A Universal Strategy To Produce Functional Fungal Hyphae Macrospheres. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12693-12701.	4.0	36
28	Iron Oxide with Different Crystal Phases (Î±- and Î³-Fe ₂ O ₃) in Electroanalysis and Ultrasensitive and Selective Detection of Lead(II): An Advancing Approach Using XPS and EXAFS. <i>Analytical Chemistry</i> , 2016, 88, 906-914.	3.2	123
29	Bioinspired, Ultrastrong, Highly Biocompatible, and Bioactive Natural Polymer/Graphene Oxide Nanocomposite Films. <i>Small</i> , 2015, 11, 4298-4302.	5.2	59
30	Template- and surfactant-free synthesis of ultrathin CeO ₂ nanowires in a mixed solvent and their superior adsorption capability for water treatment. <i>Chemical Science</i> , 2015, 6, 2511-2515.	3.7	60
31	Flexible nitrogen-doped graphene/SnO ₂ foams promise kinetically stable lithium storage. <i>Nano Energy</i> , 2015, 13, 482-490.	8.2	140
32	Peptide Self-Assembled Biofilm with Unique Electron Transfer Flexibility for Highly Efficient Visible-Light-Driven Photocatalysis. <i>ACS Nano</i> , 2015, 9, 11258-11265.	7.3	73
33	Thermoresponsive Poly(<i>N</i> -isopropylacrylamide)/Graphene/Au Nanocomposite Hydrogel for Water Treatment by a Laser-Assisted Approach. <i>Small</i> , 2015, 11, 1165-1170.	5.2	51
34	General and Straightforward Synthetic Route to Phenolic Resin Gels Templated by Chitosan Networks. <i>Chemistry of Materials</i> , 2014, 26, 6915-6918.	3.2	45
35	Highly Elastic and Superstretchable Graphene Oxide/Polyacrylamide Hydrogels. <i>Small</i> , 2014, 10, 448-453.	5.2	230
36	Graphene-based macroscopic assemblies and architectures: an emerging material system. <i>Chemical Society Reviews</i> , 2014, 43, 7295-7325.	18.7	416

#	ARTICLE	IF	CITATIONS
37	Flexible nitrogen-doped graphene/carbon nanotube/Co ₃ O ₄ paper and its oxygen reduction activity. <i>Nanoscale</i> , 2014, 6, 7534-7541.	2.8	75
38	Flexible graphene-polyaniline composite paper for high-performance supercapacitor. <i>Energy and Environmental Science</i> , 2013, 6, 1185.	15.6	970
39	Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 97-101.	1.2	6
40	Nanowire Networks: Chloride Anion Triggered Synthesis and Assembly of Gold Nanoparticle-Ultrathin Cadmium Selenide Nanowire Networks with Enhanced Photoconductivity (Part. Part. Syst. Charact.) <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	6
41	Controlled Synthesis of PtRu/Graphene Nanocatalysts with Enhanced Methanol Oxidation Activity for Fuel Cells. <i>ChemCatChem</i> , 2012, 4, 1555-1559.	1.8	26
42	Wet-spinning assembly of continuous, neat and macroscopic graphene fibers. <i>Scientific Reports</i> , 2012, 2, 613.	1.6	257
43	Nanoparticle Assemblies: Controlled Assemblies of Gold Nanorods in PVA Nanofiber Matrix as Flexible Free-Standing SERS Substrates by Electrospinning (Small 5/2012). <i>Small</i> , 2012, 8, 647-647.	5.2	29
44	Macroscopic Multifunctional Graphene-Based Hydrogels and Aerogels by a Metal Ion Induced Self-Assembly Process. <i>ACS Nano</i> , 2012, 6, 2693-2703.	7.3	1,034
45	Synthesis and Optical Properties of Mesoporous γ -Co(OH) ₂ /Brilliant Blue G (G250) Hybrid Hierarchical Structures. <i>Advanced Materials</i> , 2012, 24, 1309-1315.	11.1	31
46	Water-Soluble Magnetic-Functionalized Reduced Graphene Oxide Sheets: In situ Synthesis and Magnetic Resonance Imaging Applications. <i>Small</i> , 2010, 6, 169-173.	5.2	342
47	Shape Control of Cobalt Carbonate Particles by a Hydrothermal Process in a Mixed Solvent: An Efficient Precursor to Nanoporous Cobalt Oxide Architectures and Their Sensing Property. <i>Crystal Growth and Design</i> , 2009, 9, 210-217.	1.4	149
48	Recrystallization and Shape Control of Crystals of the Organic Dye Acid Green 27 in a Mixed Solvent. <i>Chemistry - A European Journal</i> , 2007, 13, 1533-1538.	1.7	20