Van Hiep Nguyen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9182724/publications.pdf

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20 papers	779 citations	623734 14 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	733 citing authors

#	Article	IF	Citations
1	MXene artificial muscles based on ionically cross-linked Ti ₃ C ₂ T _x electrode for kinetic soft robotics. Science Robotics, 2019, 4, .	17.6	169
2	Stimuliâ€Responsive MXeneâ€Based Actuators. Advanced Functional Materials, 2020, 30, 1909504.	14.9	126
3	Auxetic graphene oxide-porous foam for acoustic wave and shock energy dissipation. Composites Part B: Engineering, 2020, 186, 107817.	12.0	69
4	CTF-based soft touch actuator for playing electronic piano. Nature Communications, 2020, 11, 5358.	12.8	54
5	Functionally Antagonistic Hybrid Electrode with Hollow Tubular Graphene Mesh and Nitrogenâ€Doped Crumpled Graphene for Highâ€Performance Ionic Soft Actuators. Advanced Functional Materials, 2018, 28, 1705714.	14.9	51
6	Highly Bendable Ionic Soft Actuator Based on Nitrogenâ€Enriched 3D Heteroâ€Nanostructure Electrode. Advanced Functional Materials, 2018, 28, 1802464.	14.9	51
7	Mutually Exclusive pâ€Type and nâ€Type Hybrid Electrode of MoS₂ and Graphene for Artificial Soft Touch Fingers. Advanced Functional Materials, 2019, 29, 1905454.	14.9	30
8	Sulfurâ€and Nitrogenâ€Rich Porous Ïâ€Conjugated COFs as Stable Electrode Materials for Electroâ€Ionic Soft Actuators. Advanced Functional Materials, 2020, 30, 2003863.	14.9	30
9	Graphene Mesh for Selfâ€Sensing Ionic Soft Actuator Inspired from Mechanoreceptors in Human Body. Advanced Science, 2019, 6, 1901711.	11.2	29
10	Electroactive Artificial Muscles Based on Functionally Antagonistic Coreâ€“Shell Polymer Electrolyte Derived from PSâ€bâ€PSS Block Copolymer. Advanced Science, 2019, 6, 1801196.	11.2	29
11	Electronically Conjugated Multifunctional Covalent Triazine Framework for Unprecedented CO₂ Selectivity and Highâ€Power Flexible Supercapacitor. Advanced Functional Materials, 2022, 32, 2107442.	14.9	24
12	Intertwined Nanosponge Solid-State Polymer Electrolyte for Rollable and Foldable Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 11657-11668.	8.0	22
13	Crumpled Quaternary Nanoarchitecture of Sulfur-Doped Nickel Cobalt Selenide Directly Grown on Carbon Cloth for Making Stronger Ionic Soft Actuators. ACS Applied Materials & Interfaces, 2019, 11, 40451-40460.	8.0	21
14	Collectively Exhaustive MXene and Graphene Oxide Multilayer for Suppressing Shuttling Effect in Flexible Lithium Sulfur Battery. Advanced Materials Technologies, 2022, 7, 2101025.	5.8	14
15	Micro-structured porous electrolytes for highly responsive ionic soft actuators. Sensors and Actuators B: Chemical, 2022, 352, 131006.	7.8	14
16	A Dualâ€Responsive Magnetoactive and Electroâ€“Ionic Soft Actuator Derived from a Nickelâ€Based Metalâ€“Organic Framework. Advanced Materials, 2022, 34, .	21.0	14
17	Coolingâ€Accelerated Nanowireâ€Nitinol Hybrid Muscle for Versatile Prosthetic Hand and Biomimetic Retractable Claw. Advanced Functional Materials, 2022, 32, .	14.9	13
18	Electroâ€Active and Photoâ€Active Vanadium Oxide Nanowire Thermoâ€Hygroscopic Actuators for Kirigami Popâ€up. Advanced Science, 2021, 8, e2102064.	11.2	10

#	Article	IF	Citations
19	Actuators: Functionally Antagonistic Hybrid Electrode with Hollow Tubular Graphene Mesh and Nitrogenâ€Doped Crumpled Graphene for Highâ€Performance Ionic Soft Actuators (Adv. Funct. Mater.) Tj ETQq1 1 0.784314 rgBT /Ove	19.7	4
20	Coolingâ€Accelerated Nanowireâ€Nitinol Hybrid Muscle for Versatile Prosthetic Hand and Biomimetic Retractable Claw (Adv. Funct. Mater. 18/2022). Advanced Functional Materials, 2022, 32, .	14.9	0