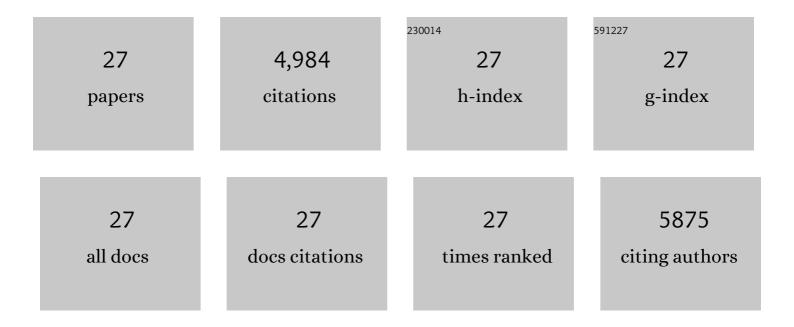


List of Publications by Year in descending order

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Viille

#	Article	IF	CITATIONS
1	Fully organic compliant dry electrodes self-adhesive to skin for long-term motion-robust epidermal biopotential monitoring. Nature Communications, 2020, 11, 4683.	5.8	245
2	Quasi-solid state nanoparticle/(ionic liquid) gels with significantly high ionic thermoelectric properties. Journal of Materials Chemistry A, 2020, 8, 10813-10821.	5.2	87
3	Quantifying and understanding the triboelectric series of inorganic non-metallic materials. Nature Communications, 2020, 11, 2093.	5.8	287
4	Flexible Quasiâ€Solid State Ionogels with Remarkable Seebeck Coefficient and High Thermoelectric Properties. Advanced Energy Materials, 2019, 9, 1901085.	10.2	199
5	Quantifying the triboelectric series. Nature Communications, 2019, 10, 1427.	5.8	1,107
6	On the Electronâ€Transfer Mechanism in the Contactâ€Electrification Effect. Advanced Materials, 2018, 30, e1706790.	11.1	483
7	Concurrent Harvesting of Ambient Energy by Hybrid Nanogenerators for Wearable Self-Powered Systems and Active Remote Sensing. ACS Applied Materials & Interfaces, 2018, 10, 14708-14715.	4.0	78
8	Rationally designed sea snake structure based triboelectric nanogenerators for effectively and efficiently harvesting ocean wave energy with minimized water screening effect. Nano Energy, 2018, 48, 421-429.	8.2	195
9	A Hierarchically Nanostructured Cellulose Fiberâ€Based Triboelectric Nanogenerator for Selfâ€Powered Healthcare Products. Advanced Functional Materials, 2018, 28, 1805540.	7.8	180
10	Fabrication and characterization of electrospun cellulose/nano-hydroxyapatite nanofibers for bone tissue engineering. International Journal of Biological Macromolecules, 2017, 97, 568-573.	3.6	132
11	Auxetic Foamâ€Based Contactâ€Mode Triboelectric Nanogenerator with Highly Sensitive Selfâ€Powered Strain Sensing Capabilities to Monitor Human Body Movement. Advanced Functional Materials, 2017, 27, 1606695.	7.8	156
12	A Selfâ€Powered Dynamic Displacement Monitoring System Based on Triboelectric Accelerometer. Advanced Energy Materials, 2017, 7, 1700565.	10.2	117
13	Selfâ€Powered Wireless Sensor Node Enabled by a Duckâ€Shaped Triboelectric Nanogenerator for Harvesting Water Wave Energy. Advanced Energy Materials, 2017, 7, 1601705.	10.2	198
14	A Highly Stretchable Fiberâ€Based Triboelectric Nanogenerator for Selfâ€Powered Wearable Electronics. Advanced Functional Materials, 2017, 27, 1604378.	7.8	296
15	Fabrication and Characterization of Highly Porous Fe(OH) ₃ @Cellulose Hybrid Fibers for Effective Removal of Congo Red from Contaminated Water. ACS Sustainable Chemistry and Engineering, 2017, 5, 7723-7732.	3.2	69
16	Light-Triggered Pyroelectric Nanogenerator Based on a pn-Junction for Self-Powered Near-Infrared Photosensing. ACS Nano, 2017, 11, 8339-8345.	7.3	147
17	Superhydrophilic graphene oxide@electrospun cellulose nanofiber hybrid membrane for high-efficiency oil/water separation. Carbohydrate Polymers, 2017, 175, 216-222.	5.1	104
18	An aeroelastic flutter based triboelectric nanogenerator as a self-powered active wind speed sensor in harsh environment. Extreme Mechanics Letters, 2017, 15, 122-129.	2.0	123

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#	Article	IF	CITATIONS
19	One-Step Fabrication of Fe(OH) ₃ @Cellulose Hollow Nanofibers with Superior Capability for Water Purification. ACS Applied Materials & Interfaces, 2017, 9, 25339-25349.	4.0	38
20	Fully Packaged Blue Energy Harvester by Hybridizing a Rolling Triboelectric Nanogenerator and an Electromagnetic Generator. ACS Nano, 2016, 10, 11369-11376.	7.3	181
21	Tissue engineering scaffolds electrospun from cotton cellulose. Carbohydrate Polymers, 2015, 115, 485-493.	5.1	50
22	Reinforcement of all-cellulose nanocomposite films using native cellulose nanofibrils. Carbohydrate Polymers, 2014, 104, 143-150.	5.1	74
23	Uniaxially Aligned Electrospun All-Cellulose Nanocomposite Nanofibers Reinforced with Cellulose Nanocrystals: Scaffold for Tissue Engineering. Biomacromolecules, 2014, 15, 618-627.	2.6	187
24	Acrylic acid grafted and acrylic acid/sodium humate grafted bamboo cellulose nanofibers for Cu ²⁺ adsorption. RSC Advances, 2014, 4, 55195-55201.	1.7	49
25	High performance poly (vinyl alcohol)/cellulose nanocrystals nanocomposites manufactured by injection molding. Cellulose, 2014, 21, 485-494.	2.4	67
26	Mechanically robust, flame-retardant and anti-bacterial nanocomposite films comprised of cellulose nanofibrils and magnesium hydroxide nanoplatelets in a regenerated cellulose matrix. Cellulose, 2014, 21, 1859-1872.	2.4	49
27	Aerogels from quaternary ammonium-functionalized cellulose nanofibers for rapid removal of Cr(VI) from water. Carbohydrate Polymers, 2014, 111, 683-687.	5.1	86