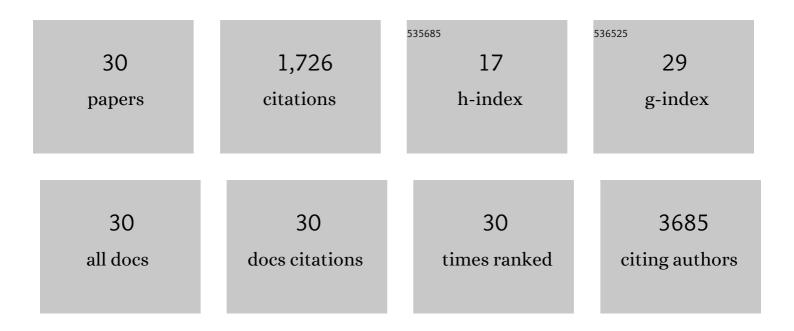


## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Defective NiFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Efficient Urea Electroâ€oxidation. Chemistry - an Asian Journal, 2019, 14, 2796-2801.	1.7	14
2	Room temperature Mg reduction of TiO <sub>2</sub> : formation mechanism and application in photocatalysis. Chemical Communications, 2019, 55, 7675-7678.	2.2	13
3	Targeted Heating of Enzyme Systems Based on Photothermal Materials. ChemBioChem, 2019, 20, 2467-2473.	1.3	6
4	Bifunctional nickel oxide-based nanosheets for highly efficient overall urea splitting. Chemical Communications, 2019, 55, 6555-6558.	2.2	53
5	Large Piezoelectric Strain in Sub-10 Nanometer Two-Dimensional Polyvinylidene Fluoride Nanoflakes. ACS Nano, 2019, 13, 4496-4506.	7.3	37
6	Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. Nano Research, 2019, 12, 2150-2163.	5.8	86
7	Boosting the Electrocatalytic Water Oxidation Performance of CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles by Surface Defect Engineering. ACS Applied Materials & Interfaces, 2019, 11, 3978-3983.	4.0	76
8	Surface Engineering of Perovskite Oxide for Bifunctional Oxygen Electrocatalysis. Small Methods, 2019, 3, 1800279.	4.6	47
9	Tuning defects in oxides at roomÂtemperature by lithium reduction. Nature Communications, 2018, 9, 1302.	5.8	428
10	Defective molybdenum sulfide quantum dots as highly active hydrogen evolution electrocatalysts. Nano Research, 2018, 11, 751-761.	5.8	83
11	Copper reduced defective TiO <sub>2</sub> nanoparticles with enhanced visible light photocatalytic activity. Journal of the American Ceramic Society, 2018, 101, 4857-4863.	1.9	7
12	Ultralight, scalable, and high-temperature–resilient ceramic nanofiber sponges. Science Advances, 2017, 3, e1603170.	4.7	207
13	A facile fabrication method for ultrathin NiO/Ni nanosheets as a high-performance electrocatalyst for the oxygen evolution reaction. RSC Advances, 2017, 7, 18539-18544.	1.7	11
14	Large-scale hierarchical oxide nanostructures for high-performance electrocatalytic water splitting. Nano Energy, 2017, 35, 207-214.	8.2	101
15	Defective MoS2 electrocatalyst for highly efficient hydrogen evolution through a simple ball-milling method. Science China Materials, 2017, 60, 849-856.	3.5	23
16	Enhanced Electrocatalytic Activity for Water Splitting on NiO/Ni/Carbon Fiber Paper. Materials, 2017, 10, 15.	1.3	23
17	Fabrication of high performance oxygen sensors using multilayer oxides with high interfacial conductivity. Journal of Materials Chemistry A, 2016, 4, 11422-11429.	5.2	13
18	Graphene-based Recyclable Photo-Absorbers for High-Efficiency Seawater Desalination. ACS Applied Materials & Interfaces, 2016, 8, 9194-9199.	4.0	186

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#	Article	IF	CITATIONS
19	Textured LiFePO <sub>4</sub> Bulk with Enhanced Electrical Conductivity. Journal of the American Ceramic Society, 2016, 99, 3214-3216.	1.9	6
20	Aerodynamic levitated laser annealing method to defective titanium dioxide with enhanced photocatalytic performance. Nano Research, 2016, 9, 3839-3847.	5.8	13
21	A highly active molybdenum multisulfide electrocatalyst for the hydrogen evolution reaction. RSC Advances, 2016, 6, 107158-107162.	1.7	14
22	Photothermal therapy by using titanium oxide nanoparticles. Nano Research, 2016, 9, 1236-1243.	5.8	86
23	Phase stability and high conductivity of ScSZ nanofibers: effect of the crystallite size. Journal of Materials Chemistry A, 2015, 3, 10795-10800.	5.2	18
24	Arcâ€Melting to Narrow the Bandgap of Oxide Semiconductors. Advanced Materials, 2015, 27, 2589-2594.	11.1	52
25	Oxide Semiconductors: Arcâ€Melting to Narrow the Bandgap of Oxide Semiconductors (Adv. Mater.) Tj ETQq1 1	0.784314 11.1	rgBT /Over
26	Suppressed phase transition and giant ionic conductivity in La2Mo2O9 nanowires. Nature Communications, 2015, 6, 8354.	5.8	35
27	Enhanced oxide-ion conductivity in highly c-axis textured La <sub>10</sub> Si <sub>6</sub> O <sub>27</sub> ceramic. Journal of Materials Chemistry A, 2014, 2, 13817.	5.2	11
28	High conductivity of La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> nanofibers by phase control. Journal of Materials Chemistry A, 2014, 2, 1855-1861.	5.2	41
29	Ultrasensitive visible light photoresponse and electrical transportation properties of nonstoichiometric indium oxide nanowire arrays by electrospinning. Journal of Materials Chemistry C, 2013, 1, 6463.	2.7	28

30Residual stress-dependent electric conductivity of sputtered co-doped CeO2 thin-film electrolyte.1.1830Journal of Applied Physics, 2011, 109, 084321.1.18