

Tian Qingyong

List of Publications by Year in descending order

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47
papers

4,438
citations

101543

36
h-index

214800

47
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all docs

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docs citations

47
times ranked

6344
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrode materials and device architecture strategies for flexible supercapacitors in wearable energy storage. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8099-8128.	10.3	93
2	Recent advances in printed flexible heaters for portable and wearable thermal management. <i>Materials Horizons</i> , 2021, 8, 1634-1656.	12.2	62
3	Printable, Down/Up-Conversion Triple-Mode Fluorescence Responsive and Colorless Self-Healing Elastomers with Superior Toughness. <i>Advanced Functional Materials</i> , 2021, 31, 2100211.	14.9	51
4	Printed flexible supercapacitor: Ink formulation, printable electrode materials and applications. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	67
5	Directly printing of upconversion fluorescence-responsive elastomers for self-healable optical application. <i>Chemical Engineering Journal</i> , 2020, 384, 123375.	12.7	31
6	Enhanced pseudocapacitive performance of CoSnO ₃ through Mn ²⁺ doping by ion-exchange method for all-printed supercapacitors. <i>Electrochimica Acta</i> , 2020, 331, 135298.	5.2	11
7	Recent progress on photocatalytic heterostructures with full solar spectral responses. <i>Chemical Engineering Journal</i> , 2020, 393, 124719.	12.7	123
8	Recent achievements in self-healing materials based on ionic liquids: a review. <i>Journal of Materials Science</i> , 2020, 55, 13543-13558.	3.7	37
9	All-Printed MnHCF@MnO _x -Based High-Performance Flexible Supercapacitors. <i>Advanced Energy Materials</i> , 2020, 10, 2000022.	19.5	113
10	NIR light-activated upconversion semiconductor photocatalysts. <i>Nanoscale Horizons</i> , 2019, 4, 10-25.	8.0	113
11	Catalytic Application and Mechanism Studies of Argentic Chloride Coupled Ag/Au Hollow Heterostructures: Considering the Interface Between Ag/Au Bimetals. <i>Nanoscale Research Letters</i> , 2019, 14, 35.	5.7	23
12	All-printed, low-cost, tunable sensing range strain sensors based on Ag nanodendrite conductive inks for wearable electronics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 809-818.	5.5	82
13	Printing the Ultra-Long Ag Nanowires Inks onto the Flexible Textile Substrate for Stretchable Electronics. <i>Nanomaterials</i> , 2019, 9, 686.	4.1	26
14	Ni(OH) ₂ /NiMoO ₄ nanoplates for large-scale fully-printed flexible solid-state supercapacitors. <i>Journal of Power Sources</i> , 2019, 433, 126676.	7.8	28
15	All-printed solid-state supercapacitors with versatile shapes and superior flexibility for wearable energy storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15960-15968.	10.3	57
16	Toward fiber-, paper-, and foam-based flexible solid-state supercapacitors: electrode materials and device designs. <i>Nanoscale</i> , 2019, 11, 7041-7061.	5.6	133
17	Structure-designed fabrication of all-printed flexible in-plane solid-state supercapacitors for wearable electronics. <i>Journal of Power Sources</i> , 2019, 425, 195-203.	7.8	39
18	Tunable Emissions of Upconversion Fluorescence for Security Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1801171.	7.3	151

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19	Screen-Printed, Low-Cost, and Patterned Flexible Heater Based on Ag Fractal Dendrites for Human Wearable Application. <i>Advanced Materials Technologies</i> , 2019, 4, 1800453.	5.8	64
20	Recent progress in printed flexible solid-state supercapacitors for portable and wearable energy storage. <i>Journal of Power Sources</i> , 2019, 410-411, 69-77.	7.8	159
21	Stretchable electronics: functional materials, fabrication strategies and applications. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 187-224.	6.1	245
22	Dual upconversion nanophotoswitch for security encoding. <i>Science China Materials</i> , 2019, 62, 368-378.	6.3	40
23	All-Printed Solid-State Microsupercapacitors Derived from Self-Template Synthesis of Ag@PPy Nanocomposites. <i>Advanced Materials Technologies</i> , 2018, 3, 1700206.	5.8	61
24	All-printed ultraflexible and stretchable asymmetric in-plane solid-state supercapacitors (ASCs) for wearable electronics. <i>Journal of Power Sources</i> , 2018, 397, 59-67.	7.8	69
25	Dimensional heterostructures of 1D CdS/2D ZnIn ₂ S ₄ composited with 2D graphene: designed synthesis and superior photocatalytic performance. <i>Dalton Transactions</i> , 2017, 46, 2770-2777.	3.3	73
26	Inorganic nanomaterials for printed electronics: a review. <i>Nanoscale</i> , 2017, 9, 7342-7372.	5.6	423
27	Efficient Visible Light Formaldehyde Oxidation with 2D <i>p-n</i> Heterostructure of BiOBr/BiPO ₄ Nanosheets at Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5008-5017.	6.7	71
28	Zinc Oxide Coating Effect for the Dye Removal and Photocatalytic Mechanisms of Flower-Like MoS ₂ Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 221.	5.7	57
29	Preparation and RGB upconversion optic properties of transparent anti-counterfeiting films. <i>Nanoscale</i> , 2017, 9, 15982-15989.	5.6	90
30	Full-spectrum-activated Z-scheme photocatalysts based on NaYF ₄ :Yb ³⁺ /Er ³⁺ , TiO ₂ and Ag ₆ Si ₂ O ₇ . <i>Journal of Materials Chemistry A</i> , 2017, 5, 23566-23576.	10.3	72
31	Efficient UV-Vis-NIR Responsive Upconversion and Plasmonic-Enhanced Photocatalyst Based on Lanthanide-Doped NaYF ₄ /SnO ₂ /Ag. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10889-10899.	6.7	76
32	Synthesis and photocatalytic application of ternary structural g-C ₃ N ₄ /Ag/Ag ₃ PO ₄ composite nanomaterials. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5777-5785.	6.7	14
33	Facile synthesis of amorphous FeOOH/MnO ₂ composites as screen-printed electrode materials for all-printed solid-state flexible supercapacitors. <i>Journal of Power Sources</i> , 2017, 361, 31-38.	7.8	71
34	Shape-controlled iron oxide nanocrystals: synthesis, magnetic properties and energy conversion applications. <i>CrystEngComm</i> , 2016, 18, 6303-6326.	2.6	61
35	Anchoring of Ag ₆ Si ₂ O ₇ nanoparticles on \pm -Fe ₂ O ₃ short nanotubes as a Z-scheme photocatalyst for improving their photocatalytic performances. <i>Dalton Transactions</i> , 2016, 45, 12745-12755.	3.3	38
36	Large-scale synthesis and screen printing of upconversion hexagonal-phase NaYF ₄ :Yb ³⁺ ,Tm ³⁺ /Er ³⁺ /Eu ³⁺ plates for security applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6327-6335.	5.5	113

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37	Shape control of inorganic nanoparticles from solution. <i>Nanoscale</i> , 2016, 8, 1237-1259.	5.6	370
38	<i>In situ</i> Oxidation and Self-Assembly Synthesis of Dumbbell-like $\text{Fe}_2\text{O}_3/\text{Ag}/\text{AgX}$ (X = Cl, Br, I) Heterostructures with Enhanced Photocatalytic Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1521-1530.	6.7	48
39	Carbon and silica interlayer influence for the photocatalytic performances of spindle-like $\text{Fe}_2\text{O}_3/\text{Bi}_2\text{O}_3$ heterostructures. <i>Materials Science in Semiconductor Processing</i> , 2016, 41, 411-419.	4.0	25
40	Tube-like $\text{Fe}_2\text{O}_3/\text{Ag}/\text{AgCl}$ heterostructure: controllable synthesis and enhanced plasmonic photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 61239-61248.	3.6	22
41	3D Flowerlike $\text{Fe}_2\text{O}_3/\text{TiO}_2$ Core-Shell Nanostructures: General Synthesis and Enhanced Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2975-2984.	6.7	184
42	Recent progress in magnetic iron oxide-semiconductor composite nanomaterials as promising photocatalysts. <i>Nanoscale</i> , 2015, 7, 38-58.	5.6	453
43	Self-assemble $\text{SnO}_2/\text{TiO}_2$ porous nanowire-nanosheet heterostructures for enhanced photocatalytic property. <i>CrystEngComm</i> , 2014, 16, 10863-10869.	2.6	29
44	Template and Silica Interlayer Tailorable Synthesis of Spindle-like Multilayer $\text{Fe}_2\text{O}_3/\text{Ag}/\text{SnO}_2$ Ternary Hybrid Architectures and Their Enhanced Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1113-1124.	8.0	67
45	Tube-Like Ternary $\text{Fe}_2\text{O}_3/\text{SnO}_2/\text{Cu}_2\text{O}$ Sandwich Heterostructures: Synthesis and Enhanced Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13088-13097.	8.0	81
46	$\text{SiO}_2/\text{Ag}/\text{SiO}_2/\text{TiO}_2$ multi-shell structures: plasmon enhanced photocatalysts with wide-spectral-response. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13128.	10.3	71
47	Non-centrosymmetric Au/SnO_2 hybrid nanostructures with strong localization of plasmonic for enhanced photocatalysis application. <i>Nanoscale</i> , 2013, 5, 5628.	5.6	51