

# Yong Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4755416/publications.pdf>

Version: 2024-02-01

18  
papers

1,907  
citations

623734

14  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of flux stability and fouling mechanism during simultaneous treatment of different produced water streams using forward osmosis and membrane distillation. <i>Water Research</i> , 2021, 198, 117157.	11.3	37
2	Salt-solution-infused thin-film condenser for simultaneous anti-frost and solar-assisted atmospheric water harvesting. <i>Cell Reports Physical Science</i> , 2021, 2, 100568.	5.6	4
3	Hollow spherical SiO <sub>2</sub> micro-container encapsulation of LiCl for high-performance simultaneous heat reallocation and seawater desalination. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1887-1895.	10.3	53
4	Simultaneous production of fresh water and electricity via multistage solar photovoltaic membrane distillation. <i>Nature Communications</i> , 2019, 10, 3012.	12.8	233
5	Tuning substrate geometry for enhancing water condensation. <i>International Journal of Heat and Mass Transfer</i> , 2019, 144, 118627.	4.8	5
6	Solar-assisted fast cleanup of heavy oil spills using a photothermal sponge. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9192-9199.	10.3	151
7	A 3D Photothermal Structure toward Improved Energy Efficiency in Solar Steam Generation. <i>Joule</i> , 2018, 2, 1171-1186.	24.0	527
8	A Robust CuCr <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> Composite Photothermal Material with Underwater Black Property and Extremely High Thermal Stability for Solar-Driven Water Evaporation. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700145.	5.3	52
9	A highly flexible and washable nonwoven photothermal cloth for efficient and practical solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7942-7949.	10.3	182
10	Composite Materials: A Robust CuCr <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> Composite Photothermal Material with Underwater Black Property and Extremely High Thermal Stability for Solar-Driven Water Evaporation ( <i>Adv. Sustainable Syst.</i> 3/2018). <i>Advanced Sustainable Systems</i> , 2018, 2, 1870026.	5.3	7
11	Preferential water condensation on superhydrophobic nano-cones array. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	21
12	Solar Evaporator with Controlled Salt Precipitation for Zero Liquid Discharge Desalination. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11822-11830.	10.0	249
13	SiCâ€C Composite as a Highly Stable and Easily Regenerable Photothermal Material for Practical Water Evaporation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8192-8200.	6.7	41
14	Nature-Inspired, 3D Origami Solar Steam Generator toward Near Full Utilization of Solar Energy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28517-28524.	8.0	210
15	Atmospheric Water Harvesting: Role of Surface Wettability and Edge Effect. <i>Global Challenges</i> , 2017, 1, 1700019.	3.6	38
16	Biokinetics and metallothionein-like proteins response in oysters facing metal challenges in an estuary. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1818-1825.	4.3	11
17	Controllable antioxidative xylanâ€chitosan Maillard reaction products used for lipid food storage. <i>Carbohydrate Polymers</i> , 2013, 91, 428-433.	10.2	47
18	Synthesis of chitosan-stabilized gold nanoparticles by atmospheric plasma. <i>Carbohydrate Polymers</i> , 2013, 91, 152-156.	10.2	39