

# G Q Max Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,975  
citations

304368

22  
h-index

433756

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoselective catalytic conversion of glycerol as a biorenewable source to valuable commodity chemicals. <i>Chemical Society Reviews</i> , 2008, 37, 527-549.	18.7	1,493
2	Clay nanosheets for topical delivery of RNAi for sustained protection against plant viruses. <i>Nature Plants</i> , 2017, 3, 16207.	4.7	641
3	Transforming Triglycerides and Fatty Acids into Biofuels. <i>ChemSusChem</i> , 2009, 2, 1109-1119.	3.6	232
4	Dumbbell-Shaped Bicomponent Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8459-8463.	7.2	204
5	Removal efficiency of arsenate and phosphate from aqueous solution using layered double hydroxide materials: intercalation vs. precipitation. <i>Journal of Materials Chemistry</i> , 2010, 20, 4684.	6.7	138
6	Catalytic Deoxygenation of Stearic Acid in a Continuous Reactor over a Mesoporous Carbon-Supported Pd Catalyst. <i>Energy &amp; Fuels</i> , 2009, 23, 3842-3845.	2.5	123
7	Catalytic Deoxygenation of Stearic Acid and Palmitic Acid in Semibatch Mode. <i>Catalysis Letters</i> , 2009, 130, 48-51.	1.4	110
8	A General Single-Source Route for the Preparation of Hollow Nanoporous Metal Oxide Structures. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7048-7051.	7.2	106
9	Diesel-like Hydrocarbons from Catalytic Deoxygenation of Stearic Acid over Supported Pd Nanoparticles on SBA-15 Catalysts. <i>Catalysis Letters</i> , 2010, 134, 250-257.	1.4	91
10	Enhanced transcription and translation in clay hydrogel and implications for early life evolution. <i>Scientific Reports</i> , 2013, 3, 3165.	1.6	86
11	Preparation of porous composite ion-exchange membranes for desalination application. <i>Journal of Materials Chemistry</i> , 2011, 21, 7401.	6.7	83
12	Cubic CeO <sub>2</sub> nanoparticles as mirror-like scattering layers for efficient light harvesting in dye-sensitized solar cells. <i>Chemical Communications</i> , 2012, 48, 7386.	2.2	83
13	Synthesis of composite ion-exchange membranes and their electrochemical properties for desalination applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 4669.	6.7	68
14	The Influence of Inorganic Filler Particle Size on Composite Ion-Exchange Membranes for Desalination. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15124-15132.	1.5	65
15	Cellular trafficking of low molecular weight heparin incorporated in layered double hydroxide nanoparticles in rat vascular smooth muscle cells. <i>Biomaterials</i> , 2011, 32, 7234-7240.	5.7	62
16	Dipolar Molecules as Impellers Achieving Electric-Field-Stimulated Release. <i>Journal of the American Chemical Society</i> , 2010, 132, 1450-1451.	6.6	58
17	Advances in Multicompartment Mesoporous Silica Micro/Nanoparticles for Theranostic Applications. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 389-411.	3.3	52
18	Construction of hollow mesoporous silica nanoreactors for enhanced photo-oxidations over Au-Pt catalysts. <i>National Science Review</i> , 2020, 7, 1647-1655.	4.6	52

#	ARTICLE	IF	CITATIONS
19	Antibody-Targeted Drug Delivery to Injured Arteries Using Layered Double Hydroxide Nanoparticles. <i>Advanced Healthcare Materials</i> , 2012, 1, 669-673.	3.9	43
20	Fe- $\gamma$ -USY Zeolite Catalyst for Effective Decomposition of Nitrous Oxide. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7901-7906.	4.6	37
21	The effects of aspect ratio of inorganic fillers on the structure and property of composite ion-exchange membranes. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 431-439.	5.0	34
22	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 8579-8583.	1.6	34
23	Adsorption of Aromatic Compounds by Activated Carbon: Effects of Functional Groups and Molecular Size. <i>Adsorption Science and Technology</i> , 2002, 20, 1-15.	1.5	21
24	Controllable synthesis of concave cubic gold core-shell nanoparticles for plasmon-enhanced photon harvesting. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 246-251.	5.0	19
25	Structural and morphological transformations of mesostructured titanium phosphate through hydrothermal treatment. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 954-961.	5.0	13
26	One-Dimensional (1D) ZnO Nanowires Dye Sensitized Solar Cell. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 333-338.	0.9	12
27	$\text{Co}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, i67-i68.	0.2	6
28	Facile Synthesis and Characterization of Potassium-Doped MnO <sub>2</sub> Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2011-2015.	0.9	3
29	Polyethyleneimine-poly(ethylene glycol)-star-copolymers as efficient and biodegradable vectors for mammalian cell transfection. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2137-2146.	2.1	3
30	A second polymorph with composition $\text{Co}_3(\text{PO}_4)_2 \cdot \text{H}_2\text{O}$ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, i69-i70.	0.2	2
31	Synthesis and Hydrogen Storage Properties of Magnesium Nanoparticles with Core/Shell Structure. <i>Materials Science Forum</i> , 2012, 736, 120-126.	0.3	1