

# Sujan Phani Kumar Kasani

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

950  
citations

777949

13  
h-index

1113639

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Bi-dopant and co-catalysts upon hole surface trapping on La <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> nanosheet photocatalysts in overall solar water splitting. <i>Nano Research</i> , 2022, 15, 438-445.	5.8	16
2	Plasmon-enhanced near-infrared fluorescence detection of traumatic brain injury biomarker glial fibrillary acidic protein in blood plasma. <i>Analytica Chimica Acta</i> , 2022, 1203, 339721.	2.6	12
3	Enabling Direct Protein Detection in a Drop of Whole Blood with an "On-Strip" Plasma Separation Unit in a Paper-Based Lateral Flow Strip. <i>Analytical Chemistry</i> , 2021, 93, 1326-1332.	3.2	38
4	A "hot Spot"-Enhanced paper lateral flow assay for ultrasensitive detection of traumatic brain injury biomarker S-100 $\beta$ in blood plasma. <i>Biosensors and Bioelectronics</i> , 2021, 177, 112967.	5.3	34
5	Nitrogen-Doped Lithium Lanthanum Titanate Nanofiber-Polymer Composite Electrolytes for All-Solid-State Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 110507.	1.3	8
6	A Single-Ion Conducting UiO-66 Metal-Organic Framework Electrolyte for All-Solid-State Lithium Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 4007-4013.	2.5	83
7	Chemical interaction and enhanced interfacial ion transport in a ceramic nanofiber-polymer composite electrolyte for all-solid-state lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7261-7272.	5.2	85
8	A review of 2D and 3D plasmonic nanostructure array patterns: fabrication, light management and sensing applications. <i>Nanophotonics</i> , 2019, 8, 2065-2089.	2.9	275
9	Tunable Visible-Light Surface Plasmon Resonance of Molybdenum Oxide Thin Films Fabricated by E-beam Evaporation. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2389-2395.	2.0	27
10	Converting plasmonic light scattering to confined light absorption and creating plexcitons by coupling a gold nano-pyramid array onto a silica-gold film. <i>Nanoscale Horizons</i> , 2019, 4, 516-525.	4.1	29
11	Origin of strong and narrow localized surface plasmon resonance of copper nanocubes. <i>Nano Research</i> , 2019, 12, 63-68.	5.8	64
12	Metal-organic framework coated titanium dioxide nanorod array "n heterojunction photoanode for solar water-splitting. <i>Nano Research</i> , 2019, 12, 643-650.	5.8	73
13	Tailoring Optical Properties of a Large-Area Plasmonic Gold Nanoring Array Pattern. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13443-13449.	1.5	22
14	Detection of nitrite with a surface-enhanced Raman scattering sensor based on silver nanopyramid array. <i>Analytica Chimica Acta</i> , 2018, 1040, 158-165.	2.6	50
15	Paper-Based Surface-Enhanced Raman Scattering Lateral Flow Strip for Detection of Neuron-Specific Enolase in Blood Plasma. <i>Analytical Chemistry</i> , 2017, 89, 10104-10110.	3.2	134