

Sujan Phani Kumar Kasani

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

950
citations

687363

13
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Bi-dopant and co-catalysts upon hole surface trapping on La ₂ Ti ₂ O ₇ nanosheet photocatalysts in overall solar water splitting. Nano Research, 2022, 15, 438-445.	10.4	16
2	Plasmon-enhanced near-infrared fluorescence detection of traumatic brain injury biomarker glial fibrillary acidic protein in blood plasma. Analytica Chimica Acta, 2022, 1203, 339721.	5.4	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. Analytical Chemistry, 2021, 93, 1326-1332.	6.5	38
4	A "Hot Spot"-Enhanced paper lateral flow assay for ultrasensitive detection of traumatic brain injury biomarker S-100 β in blood plasma. Biosensors and Bioelectronics, 2021, 177, 112967.	10.1	34
5	Nitrogen-Doped Lithium Lanthanum Titanate Nanofiber-Polymer Composite Electrolytes for All-Solid-State Lithium Batteries. Journal of the Electrochemical Society, 2021, 168, 110507.	2.9	8
6	A Single-Ion Conducting UiO-66 Metal-Organic Framework Electrolyte for All-Solid-State Lithium Batteries. ACS Applied Energy Materials, 2020, 3, 4007-4013.	5.1	83
7	Chemical interaction and enhanced interfacial ion transport in a ceramic nanofiber-polymer composite electrolyte for all-solid-state lithium metal batteries. Journal of Materials Chemistry A, 2020, 8, 7261-7272.	10.3	85
8	A review of 2D and 3D plasmonic nanostructure array patterns: fabrication, light management and sensing applications. Nanophotonics, 2019, 8, 2065-2089.	6.0	275
9	Tunable Visible-Light Surface Plasmon Resonance of Molybdenum Oxide Thin Films Fabricated by E-beam Evaporation. ACS Applied Electronic Materials, 2019, 1, 2389-2395.	4.3	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. Nanoscale Horizons, 2019, 4, 516-525.	8.0	29
11	Origin of strong and narrow localized surface plasmon resonance of copper nanocubes. Nano Research, 2019, 12, 63-68.	10.4	64
12	Metal-organic framework coated titanium dioxide nanorod array "n heterojunction photoanode for solar water-splitting. Nano Research, 2019, 12, 643-650.	10.4	73
13	Tailoring Optical Properties of a Large-Area Plasmonic Gold Nanoring Array Pattern. Journal of Physical Chemistry C, 2018, 122, 13443-13449.	3.1	22
14	Detection of nitrite with a surface-enhanced Raman scattering sensor based on silver nanopyramid array. Analytica Chimica Acta, 2018, 1040, 158-165.	5.4	50
15	Paper-Based Surface-Enhanced Raman Scattering Lateral Flow Strip for Detection of Neuron-Specific Enolase in Blood Plasma. Analytical Chemistry, 2017, 89, 10104-10110.	6.5	134