

Shunsuke Shiba

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

107
citations

1478505

6
h-index

1474206

9
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24
all docs

24
docs citations

24
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-sputter deposited nickel-copper bimetallic nanoalloy embedded carbon films for electrocatalytic biomarker detection. <i>Nanoscale</i> , 2016, 8, 12887-12891.	5.6	13
2	Hybrid Carbon Film Electrodes for Electroanalysis. <i>Analytical Sciences</i> , 2021, 37, 37-47.	1.6	12
3	Graphene Modified Electrode for the Direct Electron Transfer of Bilirubin Oxidase. <i>Electrochemistry</i> , 2015, 83, 332-334.	1.4	10
4	A Highly Sensitive Ammonia Gas Sensor Using Micrometer-Sized Core-Shell-Type Spherical Polyaniline Particles. <i>Sensors</i> , 2021, 21, 7522.	3.8	10
5	Electrochemical microfluidic devices for evaluation of drug metabolism. <i>Journal of Electroanalytical Chemistry</i> , 2016, 779, 86-91.	3.8	7
6	Chromatographic Determination of Sugar Probes Used for Gastrointestinal Permeability Test by Employing Nickel-Copper Nanoalloy Embedded in Carbon Film Electrodes. <i>Electroanalysis</i> , 2018, 30, 1407-1415.	2.9	6
7	Gas-phase Treatment Methods for Chemical Termination of Sputtered Nanocarbon Film Electrodes to Suppress Surface Fouling by Proteins. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2019, 32, 523-528.	0.3	6
8	Monolithic Au Nanoscale Films with Tunable Nanoporosity Prepared via Dynamic Soft Templating for Electrocatalytic Oxidation of Methanol. <i>ACS Applied Nano Materials</i> , 2020, 3, 7750-7760.	5.0	6
9	Selective Au Electrodeposition on Au Nanoparticles Embedded in Carbon Film Electrode for Se(IV) Detection. <i>Sensors and Materials</i> , 2019, 31, 1135.	0.5	6
10	Nanocarbon film electrodes for electro-analysis and electrochemical sensors. <i>Current Opinion in Electrochemistry</i> , 2022, 35, 101045.	4.8	6
11	Humidity-Resistive Optical NO Gas Sensor Devices Based on Cobalt Tetraphenylporphyrin Dispersed in Hydrophobic Polymer Matrix. <i>Sensors</i> , 2020, 20, 1295.	3.8	5
12	Supporting effects of a N-doped carbon film electrode on an electrodeposited Ni@Ni(OH) ₂ core-shell nanocatalyst in accelerating electrocatalytic oxidation of oligosaccharides. <i>RSC Advances</i> , 2021, 11, 13311-13315.	3.6	5
13	Plasma-Treated Sputtered Nanocarbon Film Electrodes for Suppressing Electrochemical Fouling by Serotonin. <i>Electrochemistry</i> , 2020, 88, 387-391.	1.4	5
14	Increased electrode activity during geosmin oxidation provided by Pt nanoparticle-embedded nanocarbon film. <i>Nanoscale</i> , 2019, 11, 8845-8854.	5.6	4
15	Porous gold nanomesh films electrodeposited in toluene-based dynamic soft template. <i>Electrochimica Acta</i> , 2022, 426, 140761.	5.2	2
16	Vertically Oriented Metallic Heterodimer Array Semiembedded in Flat Conductive Carbon Film for Electrochemical Application. <i>ACS Nano</i> , 2022, 16, 10589-10599.	14.6	2
17	Highly Sensitive Electrochemical Detection of Heavy Metal Ions Using Carbon Film-based Electrodes. <i>Bunseki Kagaku</i> , 2021, 70, 101-109.	0.2	1
18	Nanocarbon Film Electrodes Can Expand the Possibility of Electroanalysis. <i>Bunseki Kagaku</i> , 2018, 67, 635-645.	0.2	0

#	ARTICLE	IF	CITATIONS
19	(Invited) Metal Nanoparticles Modified Nitrogen Containing Carbon Film Electrodes for Chemical Sensing. ECS Meeting Abstracts, 2021, MA2021-01, 1678-1678.	0.0	0
20	Electrochemical measurements with nanocarbon film electrodes. Denki Kagaku, 2021, 89, 167-177.	0.0	0
21	Structure and Electrochemical Properties of Nitrogen Containing Nanocarbon Films and Their Electroanalytical Application. Bunseki Kagaku, 2021, 70, 511-520.	0.2	0
22	Dynamic Soft Templating of Monolithic Au Thin Film Electrodeposited from Bicontinuous Microemulsion. ECS Meeting Abstracts, 2020, MA2020-02, 1485-1485.	0.0	0
23	A Flexible Ammonia Gas Sensor Based on a Grafted Polyaniline Grown on a Polydopamine-Coated Polymer Film. ECS Meeting Abstracts, 2020, MA2020-02, 3404-3404.	0.0	0