

Sunao Kamimura

List of Publications by Year in descending order

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18
papers

468
citations

840119

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19
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced electron transfer in semiconductor-clay binary nanosheet colloids controlled by clay particles as a turnout switch. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 499-505.	10.8	10
2	Preparation of Porous Carbon Material Derived from Cellulose with Added Melamine Sulfate and Electrochemical Performance as EDLC Electrode. <i>Journal of Electronic Materials</i> , 2019, 48, 879-886.	1.0	7
3	Cascade use of bamboo as raw material for several high value products: production of xylo-oligosaccharide and activated carbon for EDLC electrode from bamboo. <i>Journal of Porous Materials</i> , 2018, 25, 1541-1549.	1.3	20
4	Photoelectrochemical synthesis of aniline from nitrobenzene in a neutral aqueous solution by using a p-type Cu ₂ ZnSnS ₄ electrode. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 445-451.	10.8	11
5	Solar-driven H ₂ evolution over CuNb ₂ O ₆ : Effect of two polymorphs (monoclinic and orthorhombic) on optical property and photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 263-271.	2.0	19
6	Oxygen induced enhancement of NIR emission in brookite TiO ₂ powders: comparison with rutile and anatase TiO ₂ powders. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3241-3248.	1.3	28
7	Performance as electrode of electrical double layer capacitor of activated carbon prepared from bamboo using guanidine phosphate and CO ₂ activation. <i>Journal of Porous Materials</i> , 2017, 24, 1507-1512.	1.3	6
8	Trapping-Induced Enhancement of Photocatalytic Activity on Brookite TiO ₂ Powders: Comparison with Anatase and Rutile TiO ₂ Powders. <i>ACS Catalysis</i> , 2017, 7, 2644-2651.	5.5	191
9	Platinum and indium sulfide-modified Cu ₃ BiS ₃ photocathode for photoelectrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10450-10456.	5.2	30
10	Near-infrared luminescence from double-perovskite Sr ₃ Sn ₂ O ₇ :Nd ³⁺ : A new class of probe for in vivo imaging in the second optical window of biological tissue. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 591-595.	0.5	28
11	Improvement of selectivity for CO ₂ reduction by using Cu ₂ ZnSnS ₄ electrodes modified with different buffer layers (CdS and Tj ETQq1 1 0.7843174 rgBT /Overlock 1		
12	Fabrication of a porous ZnRh ₂ O ₄ photocathode for photoelectrochemical water splitting under visible light irradiation and a significant effect of surface modification by ZnO necking treatment. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6116-6123.	5.2	13
13	New approach for synthesis of activated carbon from bamboo. <i>Journal of Porous Materials</i> , 2016, 23, 349-355.	1.3	19
14	Catalytic Graphitization for Preparation of Porous Carbon Material Derived from Bamboo Precursor and Performance as Electrode of Electrical Double-Layer Capacitor. <i>Journal of Electronic Materials</i> , 2015, 44, 4933-4939.	1.0	12
15	First-principles energy band calculation of Ruddlesden-Popper compound Sr ₃ Sn ₂ O ₇ using modified Becke-Johnson exchange potential. <i>Journal of Solid State Chemistry</i> , 2015, 232, 163-168.	1.4	6
16	Purple photochromism in Sr ₂ SnO ₄ :Eu ³⁺ with layered perovskite-related structure. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	43
17	Photochromic properties in Eu ³⁺ doped Sr ₂ SnO ₄ . <i>Materials Research Society Symposia Proceedings</i> , 2013, 1492, 111-115.	0.1	0
18	Strong light emission from stress-activated perovskite-related oxides. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1492, 117-122.	0.1	1