Sunao Kamimura

List of Publications by Year
in descending order

18	468	840119 11	887659 17
papers	citations	h-index	g-index

19	19	19	842
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trapping-Induced Enhancement of Photocatalytic Activity on Brookite TiO₂ Powders: Comparison with Anatase and Rutile TiO₂ Powders. ACS Catalysis, 2017, 7, 2644-2651.	5.5	191
2	Purple photochromism in Sr2SnO4:Eu3+ with layered perovskite-related structure. Applied Physics Letters, 2013, 102, .	1.5	43
3	Platinum and indium sulfide-modified Cu₃BiS₃photocathode for photoelectrochemical hydrogen evolution. Journal of Materials Chemistry A, 2017, 5, 10450-10456.	5.2	30
4	Near-infrared luminescence from double-perovskite Sr₃Sn₂O₇:Nd³⁺: A new class of probe for in vivo imaging in the second optical window of biological tissue. Journal of the Ceramic Society of Japan, 2017, 125, 591-595.	0.5	28
5	Oxygen induced enhancement of NIR emission in brookite TiO₂powders: comparison with rutile and anatase TiO₂powders. Physical Chemistry Chemical Physics, 2018, 20, 3241-3248.	1.3	28
6	Improvement of selectivity for CO₂ reduction by using Cu₂ZnSnS₄ electrodes modified with different buffer layers (CdS and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.0	24
7	Cascade use of bamboo as raw material for several high value products: production of xylo-oligosaccharide and activated carbon for EDLC electrode from bamboo. Journal of Porous Materials, 2018, 25, 1541-1549.	1.3	20
8	New approach for synthesis of activated carbon from bamboo. Journal of Porous Materials, 2016, 23, 349-355.	1.3	19
9	Solar-driven H2 evolution over CuNb2O6: Effect of two polymorphs (monoclinic and orthorhombic) on optical property and photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 263-271.	2.0	19
10	Fabrication of a porous ZnRh₂O₄ photocathode for photoelectrochemical water splitting under visible light irradiation and a significant effect of surface modification by ZnO necking treatment. Journal of Materials Chemistry A, 2016, 4, 6116-6123.	5.2	13
11	Catalytic Graphitization for Preparation of Porous Carbon Material Derived from Bamboo Precursor and Performance as Electrode of Electrical Double-Layer Capacitor. Journal of Electronic Materials, 2015, 44, 4933-4939.	1.0	12
12	Photoelectrochemical synthesis of aniline from nitrobenzene in a neutral aqueous solution by using a p-type Cu2ZnSnS4 electrode. Applied Catalysis B: Environmental, 2018, 225, 445-451.	10.8	11
13	Photoinduced electron transfer in semiconductorâ€“clay binary nanosheet colloids controlled by clay particles as a turnout switch. Applied Catalysis B: Environmental, 2019, 241, 499-505.	10.8	10
14	Preparation of Porous Carbon Material Derived from Cellulose with Added Melamine Sulfate and Electrochemical Performance as EDLC Electrode. Journal of Electronic Materials, 2019, 48, 879-886.	1.0	7
15	First-principles energy band calculation of Ruddlesdenâ€“Popper compound Sr3Sn2O7 using modified Beckeâ€“Johnson exchange potential. Journal of Solid State Chemistry, 2015, 232, 163-168.	1.4	6
16	Performance as electrode of electrical double layer capacitor of activated carbon prepared from bamboo using guanidine phosphate and CO2 activation. Journal of Porous Materials, 2017, 24, 1507-1512.	1.3	6
17	Strong light emission from stress-activated perovskite-related oxides. Materials Research Society Symposia Proceedings, 2013, 1492, 117-122.	0.1	1
18	Photochromic properties in Eu3+ doped Sr2SnO4. Materials Research Society Symposia Proceedings, 2013, 1492, 111-115.	0.1	0