

# Kosuke Beppu

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

245  
citations

1040056

9  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical and chemical aspects at the interface and in the bulk of CuInSe <sub>2</sub> -based thin-film photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1262-1285.	2.8	21
2	Crystallographic and optical properties of wide bandgap photovoltaic semiconductor system, Cu(Al,In)Se <sub>2</sub> . <i>Japanese Journal of Applied Physics</i> , 2022, 61, SC1080.	1.5	4
3	Dynamic behavior of Pd/Ca <sub>2</sub> AlMnO <sub>5</sub> + $\hat{\Gamma}$ for purifying automotive exhaust gases under fluctuating oxygen concentration. <i>Catalysis Today</i> , 2022, , .	4.4	0
4	Real-time observation of the effect of oxygen storage materials on Pd-based three-way catalysts under ideal automobile exhaust conditions: an <i>in operando</i> study. <i>Catalysis Science and Technology</i> , 2021, 11, 6182-6190.	4.1	9
5	Fabrication of NaNbO <sub>3</sub> -(Ca <sub>0.5</sub> Sr <sub>0.5</sub> )ZrO <sub>3</sub> antiferroelectric thin film by pulsed laser deposition. , 2021, , .		0
6	Strong Metal-Support Interaction in Pd/Ca <sub>2</sub> AlMnO <sub>5</sub> + $\hat{\Gamma}$ : Catalytic NO Reduction over Mn-Doped CaO Shell. <i>ACS Catalysis</i> , 2021, 11, 7996-8003.	11.2	9
7	Fabrication of antiferroelectric NaNbO <sub>3</sub> -CaSnO <sub>3</sub> film by pulsed laser deposition. <i>Japanese Journal of Applied Physics</i> , 2021, 60, SFFB01.	1.5	5
8	Effect of cesium for Cu(In,Ga)Se <sub>2</sub> and Cu(In,Ga)(S,Se) <sub>2</sub> films studied by depth-resolved XAFS. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	6
9	Energy storage properties of antiferroelectric 0.92NaNbO <sub>3</sub> -0.08SrZrO <sub>3</sub> film on (001)SrTiO <sub>3</sub> substrate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126690.	2.1	9
10	Fabrication of an antiferroelectric NaNbO <sub>3</sub> -CaZrO <sub>3</sub> film on a (001)SrTiO <sub>3</sub> substrate by pulsed laser deposition. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SLLB05.	1.5	9
11	Structural analysis of Cu(In,Ga)Se <sub>2</sub> thin-films by depth-resolved XAFS. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 105502.	1.5	2
12	Efficient oxygen storage property of Sr-Fe mixed oxide as automotive catalyst support. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1013-1021.	10.3	12
13	Striking Oxygen-Release/Storage Properties of Fe-Site-Substituted Sr <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> . <i>Journal of Physical Chemistry C</i> , 2018, 122, 11186-11193.	3.1	21
14	Role of lattice oxygen and oxygen vacancy sites in platinum group metal catalysts supported on Sr <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> for NO-selective reduction. <i>Catalysis Science and Technology</i> , 2018, 8, 147-153.	4.1	29
15	Pd/SrFe <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> as Environmental Catalyst: Purification of Automotive Exhaust Gases. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22182-22189.	8.0	13
16	Oxygen Storage Property and Chemical Stability of SrFe <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> with Robust Perovskite Structure. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19358-19364.	3.1	26
17	Enhanced oxygen-release/storage properties of Pd-loaded Sr <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> . <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14107-14113.	2.8	27
18	Oxygen storage capacity of Sr <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> having high structural stability. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13540-13545.	10.3	43