

JOURNAL PUBLICATIONS (ORIGINAL PAPERS)

2025	91.	
	90. Kenya Yumoto, Naoki Yamamoto, Tomomi Kurasawa, Natsumi Koike, Toshio Sakai “Spray Characteristics of Mist Aerosol Containing Emulsifier-free Oil-in-water Emulsions as Mist Aerosol Formulation” <i>J. Oleo Sci.</i> , 2025 , 74(4) 397-407.	
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	83. Izadora R.S. Menezes, Toshio Sakai , Yoshiyuki Hattori, Katsumi Kaneko “Effect of preheating temperature on adsorption of N ₂ and Ar on graphene oxide” <i>Chemical Physics Letters</i> , 2022 , 807, 140091.	

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2021	81. Elda Zoraida Piña-Salazar, Kento Sagisaka, Yoshiyuki Hattori, <u>Toshio Sakai</u> , Eiji Ōsawa, Katsumi Kaneko “Pore Mouth Structure of Highly Agglomerated Detonation Nanodiamonds” <i>Nanomaterials</i> , 2021 , 11(11), 2772.	
	80. Kazuo Takei, Nozomi Takahashi, <u>Toshio Sakai</u> “Potential of high-powered bath-type ultrasonicator for manufacturing of emulsifier-free emulsions” <i>J. Jpn. Soc. Colour Mater.</i> , 2021 , 94(9), 245-251.	
	79. Takahiro Nemoto, <u>Toshio Sakai</u> , Tomohiko Okada “Unimodal sized silica nanocapsules produced through water-in-oil emulsions prepared by sequential irradiation of kilo- and submega-hertz ultrasounds” <i>RSC Advances</i> , 2021 , 11, 22921-22928.	
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2017	69. Nurul Chotimah, Austina D. Putri, Yuji Ono, Sagisaka Kento, Yoshiyuki Hattori, Shuwen Wang, Ryusuke Futamura, Koki Urita, Fernando Vallejos-Burgos, Isamu Moriguchi, Masafumi Morimoto, Richard T. Cimino, Alexander V. Neimark, Toshio Sakai , and Katsumi Kaneko “Nanoporosity Change on Elastic Relaxation of Partially Folded Graphene Monoliths” <i>Langmuir</i> , 2017 , 33(51), 14565-14570.	
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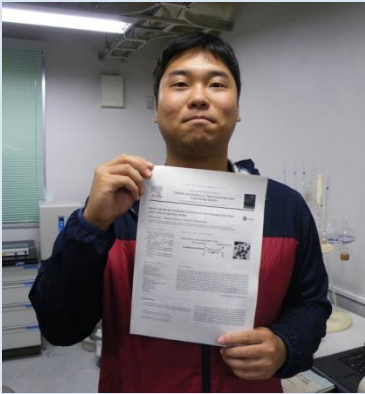

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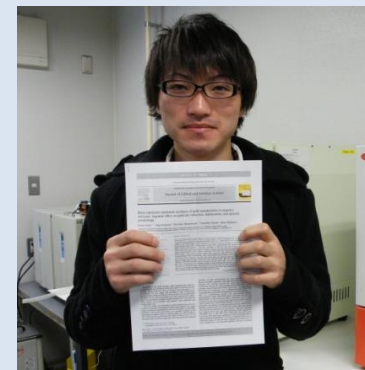
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