

	<b>Asst.Prof. Chawal Padunglappisit</b>	
	PRESENT APPOINTMENT	
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	Research profile	Research Dentistry TU > Scopus > Researcher ID > ORCID
	Research Theme	
	Areas of Research Expertise	

### Research funding

Proposal	funding	Amount	Year
Effect of multiple firing on color stability, biaxial flexural strength, and surface hardness of three type of lithium disilicate ceramic CAD/CAM blocks)	Dentistry Thammasat University Research Fund	300,000	2023

### Presentation of academic

Title	Presentation	funding	About	Year
Effect of repeated-firing on color-stability of CAD/CAM lithium disilicate ceramics	Poster presentation	Dentistry Thammasat University Research Fund	The Joint 37th International Association for Dental Research South East Asian Division Annual Scientific Meeting and 2nd International Oral Health Symposium 22-25 พฤศจิกายน 2566 Duke-NUS Medical School, and the National Dental Centre ประเทศไทย สิงคโปร์	2023

### PUBLICATIONS

#### Scopus

1	<p><b><u>An in vitro assessment of biaxial flexural strength, degree of monomer conversion, color stability, and ion release in provisional restorations containing Sr-bioactive glass nanoparticles</u></b></p> <p>Padunglappisit, C., Suwanprateep, N., Chaiwerawattana, H., Naruphontjirakul, P., Panpisut, P.</p> <p>Biomaterial Investigations in Dentistry, 10(1), 2265393</p> <p>2023</p>
2	<p><b><u>Assessment of 3D-Printed Tooth Containing Simulated Deep Caries Lesions for Practicing Selective Caries Removal: A Pilot Study</u></b></p> <p>Panpisut, P., Dounghom, P., Padunglappisit, C., Romalee, W., Suksudaj, N.</p> <p>International Journal of Environmental Research and Public Health, 20(1), 90</p> <p>2023</p>

3	<p><b><u>Assessment of physical/mechanical properties and cytotoxicity of dual-cured resin cements containing Sr-bioactive glass nanoparticles and calcium phosphate</u></b></p> <p><u>Thanyasiri, S., Naruphontjirakul, P., Padunglappisit, C., ... Young, A.M., Panpisut, P.</u></p> <p><u>Dental Materials Journal</u>, 42(6), pp. 806–817</p> <p>2023</p>
4	<p><b><u>Effects of Sr/F-Bioactive Glass Nanoparticles and Calcium Phosphate on Monomer Conversion, Biaxial Flexural Strength, Surface Microhardness, Mass/Volume Changes, and Color Stability of Dual-Cured Dental Composites for Core Build-Up Materials</u></b></p> <p><u>Mirchandani, B., Padunglappisit, C., Toneluck, A., Naruphontjirakul, P., Panpisut, P.</u></p> <p><u>Nanomaterials</u>, 12(11), 1897</p> <p>2022</p>
5	<p><b><u>Effects of Different Amine Activators on the Monomer Conversion, Biaxial Flexural Strength, and Color Stability of Experimental Provisional Dental Restorations</u></b></p> <p><u>Padunglappisit, C., Posaya-Anuwat, S., Sompoch, V., Piyawiwattanakoon, P., Panpisut, P.</u></p> <p><u>European Journal of Dentistry</u>, 15(3), pp. 488–494, EJD2091031</p> <p>2021</p>

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