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	Research Theme	
	Areas of Research Expertise	

### Research funding

Proposal	funding	Amount	Year
Effect of enamel surface roughness on shear bond strength, translucency, and color stability of glass-ceramics for laminated veneers	Thammasat University Research Fund	250,000	2025
Effect of ferrule and pulpal extension depth on fracture resistance of endo-crown in molar teeth	Dentistry Thammasat University Research Fund	250,000	2024

### Presentation of academic

Title	Presentation	funding	About	Year

### PUBLICATIONS

#### Scopus

1	<p><b><u>Assessing shear bond strength of various surface treatments of titanium alloy with high translucency monolithic zirconia</u></b>            Buttacheen, P., Wongkamhaeng, K., Palanuwech, M.  <u>BMC Oral Health</u>, 25(1), 815            2025</p>
2	<p><b><u>Effect of combining different 10-MDP-containing primers and cement systems on shear bond strength between resin cement and zirconia</u></b>            Wongkamhaeng, K., Poomparnich, K., Chitkraisorn, T., Boonpitak, K., Tosiriwatanapong, T.  <u>BMC Oral Health</u>, 25(1), 206            2025</p>
3	<p><b><u>Assessing shear bond strength of various surface treatments of 3D-printed provisional material with bis-acryl relining material</u></b>            Boonpitak, K., Chailark, P., Wisitset, W., ... Panpisut, P., Wongkamhaeng, K.  <u>BMC Oral Health</u>, 24(1), 1496            2024</p>
4	<p><b><u>Novel Honeycomb Nanoclay Frameworks With Hemostatic and Antibacterial Properties</u></b>            Cambronel, M., Wongkamhaeng, K., Blavignac, C., ... Nedelec, J.-M., Denry, I.</p>

	<u>Journal of Biomedical Materials Research Part B Applied Biomaterials</u> , 112(9), e35477 2024
5	<b><u>The Association Between Periodontitis and Respiratory Diseases: A Comprehensive Review</u></b> <u>Wongkamhaeng, K., Henprasert, P., Krauvattanavej, C., ... Phansaichua, P., Pugdee, K.</u> <u>Oral Sciences Reports</u> , 45(3), pp. 27–38 2024
6	<b><u>Experimental Article Comparative effect of Different Surface Treatments on the Shear Bond Strength between 3D-printed Artificial Acrylic Teeth and 3D-printed Denture Based Resins</u></b> <u>Boonpitak, K., Wongkamhaeng, K., Sanpanyawai, P., ... Aunaumporn, A., Klaisiri, A.</u> <u>Journal of International Dental and Medical Research</u> , 15(4), pp. 1416–1421 2022
7	<b><u>Antimicrobial efficacy of platinum-doped silver nanoparticles</u></b> <u>Wongkamhaeng, K., Wang, J., Banas, J.A., ... Haes, A.J., Denry, I.</u> <u>Journal of Biomedical Materials Research Part B Applied Biomaterials</u> , 108(8), pp. 3393–3401 2020
8	<b><u>Effect of Surface Modification on In-Depth Transformations and Flexural Strength of Zirconia Ceramics</u></b> <u>Wongkamhaeng, K., Dawson, D.V., Holloway, J.A., Denry, I.</u> <u>Journal of Prosthodontics</u> , 28(1), pp. e364–e375 2019
9	<b><u>Dental caries, cariogenic microorganisms and salivary properties of allergic rhinitis children</u></b> <u>Wongkamhaeng, K., Poachanukoon, O., Koontongkaew, S.</u> <u>International Journal of Pediatric Otorhinolaryngology</u> , 78(5), pp. 860–865 2014