Name	LE Thuy Thanh Giang					
Position	Lecturer, Department of Solid State Physics					
Academic Career		Institution	Year			
	Doctoral degree	Grenoble Alpes University, France	2014			
	Master degree	University of Science, VNUHCM	2008			
	Undergraduate/bachelor degree	University of Science, VNUHCM	2003			
Employment	Position	Employer	Period			
	Researcher	Laboratory of Advanced Materials	2003-2015			
	Lecturer	Faculty of Physics - Engineering Physics	2015-Present			
Research and development projects over the past 5 years	Name of project or research focus	Body funding	Role/ Period			
	Fabrication of luminescent nanoparticles based on rare earth doped oxide and fluoride materials towards applications in the field of optics	Nafosted	Member 2019-2022			
	Fabrication and study the locallized states of rare-earth ions doping in oxide semiconductors using spectroscopy techniques	C2021-18-05	Principal investigato 2021-2023			
	Research on photoelectrochemical water splitting activity of Au/Co ₃ O ₄ material impregnated on carbon fabric	B2022-18-03	Member 2022-2024			
	Improving the photocatalytic performance of metal oxide nanoparticles by combining	562-2024-18-03	Principal investigator 2024-2026			

	with reduced graphene oxide and upconversion luminescent materials					
Industry	Project titles		Partners			
collaborations over the past 5 years Patents and	None		None			
	Title		Year			
proprietary rights	None		None			
Important publications over the last 5 years	Selected recent publications from a total of approx.: 1. Nguyen Thi Phuong Thanh, Nguyen Thanh Danh, Tran Quang Nguyen, Huynh Van Giang, Trần Kim Chi, Le Thuy Thanh Giang, Tran Quang Trung, Investigating for photocatalytic activity of hybrid TiO ₂ /reduced graphene oxide and application in reducing VOCs, Bulletin of Chemical Reaction Engineering & Catalysis, 19, 2024. 2. Vu Duy Tan, Nguyen Ba Tong, Nguyen Thi Van Quynh, Cao Thi My Dung, Trinh Dung Chinh, Le Van Thanh Son, Ta Thi Kieu Hanh, Phan Bach Thang, Le Thuy Thanh Giang, Tran T.T. Van, Highly efficient latent fingerprint detection from NaYF ₄ : Eu down-shifting microparticles. Ceram. Int., 2023. 3. T.T. Giang Le, Kim Chi Tran, T.M. Dung Cao, T.P. Thanh Nguyen, T.T. Van Tran, Studying the structural and optical properties of Er³+ doped TiO2 powders synthesized by the sol-gel process. Adv. Nat. Sci. Nanosci. Nanotechnol. 14, 2023. 4. T. S. T. Khanh, T. Q. Trung, L. T. T. Giang, T. Q. Nguyen, N. D. Lam, and N. N. Dinh, "Ammonia Gas Sensing Characteristic of P3HT-rGO-MWCNT Composite Films," Appl. Sci., vol. 11, no. 15, p. 6675, 2021. 5. Cao T.M.Dung, Le T.T.Giang, Turrell S., Ferrari M., Lam Q.V., Tran T.T.Van, "Luminescent Ink Based on Upconversion of NaYF4:Er,Yb@MA Nanoparticles: Environmental Friendly Synthesis and Structural and Spectroscopic Assessment", Molecules, 26, 2021. 6. Le TT Giang, Nguyen TT Kieu, Cao M Tri, Cao T.M. Dung, Le V Hieu, Lam Q Vinh, Dang M Chien, Trinh D Chinh, and Tran TT Van, "Effect of the Eu³+-Sn⁴+ substitution on the structural and optical properties of SnO ₂ : Eu³+", Journal of Luminescence, 228, 2020.					
Activities in	Organization		Role	Period		
specialist bodies over the last 5 years	None		None	None		
Website	https://phys.hcmus.edu.vn/					