



Prof. Dr. Titik Taufikurohmah, M.Si

Position	Analytical Chemistry Lecturer			
	Lecturer on Analytical Chemistry			
Academic Career	Degree	University	Year	
	Bachelor Degree (Chemistry)	ITS Surabaya - Indonesia	1986 - 1992	
	Master Degree (Pharmaceutical Chemistry)	UNAIR - Indonesia	2000 - 2003	
	Doctoral Degree (Chemistry)	UNAIR - Indonesia	2011 - 2013	
Employment	Position	Employer	Period	
	Professor	Universitas Negeri Surabaya - Indonesia		
Research and Development Projects Over The Last 5 Years	Title	Year	Partner/Funder	Amount of Financing
	Analysis of Heavy Metal Content in the Land Surrounding the FMIPA Unesa Chemistry Department Building	2016	BOPTN	10
	Development of Cosmetic Chemistry Textbooks Based on Research Results as a Support for Cosmetic Chemistry Subjects in the	2016	Penelitian Kebijakan Jurusan Kimia MIPA	10

	Context of Implementing the Restructuring Results of the KKNI Curriculum			
	Development of Entrepreneurship Textbook Based on Chemical Research Potential for Entrepreneurial Products	2016	Penelitian Kebijakan Jurusan Kimia MIPA	10
	Nanogold Cosmetics Manufacturing to Support the Domestic Cosmetics Industry	2017	Ristek-Dikti Skema PUSN	474,177
	Nanogold Cosmetics Manufacturing to Support the Domestic Cosmetics Industry	2018	Ristek-Dikti Skema PUSN	500
	Development of Project-Based Learning Tools for Practicing Eco-Innovation in Food Analysis Subjects	2018	Penelitian Dana PNBPFMIPA Unesa	10
	Application technology of nanomaterial gold nanogold and nanosilver for cancer	2019	Ristek-Dikti Riset Terapan PUPT	306,080
	Manufacturing nanogold-nanosilver drugs to support the development of domestic medical raw materials	2019	Ristek-Dikti Skema Riset Pengembangan	943,000
Community Service Over The Last 5 Years (Pengabdian kepada Masyarakat)	Title	Year	Partner/Funder	Amount of Financing (million)
	IbM Cultivating earthworms and processing them as community entrepreneurs in the Magetan region.	2016	BOPTN	50
	Ibikk Nanogold Cosmetic in	2016	KemRistek-Dikti	180

	Universitas Negeri Surabaya			
	Making face masks from fruit for the Blitar community entrepreneur	2017	BOPTN	7,5
	Nanosilver nanogold application for leprosy sufferers in social conttage Babatjerawat, Benowo Surabaya	2018	Kebijakan-LPPM Unesa	18,5
	Making dish soap for the entrepreneurial community of Kandangan Kediri	2018	BOPTN	7,5
	Fruit yogurt making training as an effort to increase the nutrional and economic value of livestock and plantation products in Sumenep Regency	2019	BOPTN	7,5
Industry Collaborations Over The Last 5 Years	PT. Gizi Indonesia			
Patents and Proprietary Rights	Title	Patent ID		Year
	The Process of Making Nanogold Using a Sugar (Sucrose) Matrix and Its Use for Oral Supplements and Medicines			2016
	Methods of Making Nanoplatines Using Matrices of various Cream Base Materials and Their Use for Cosmetics			2016
	External preparations of skin			2016

	containing nanoplatina with glycerin matrix as a skin ointment and external medicine		
	The Process of Making Nanoplatina Using a Sucrose Matrix and Its Use for Supplements and Peroral Medicine		2016
	The Process of Making Nanogold Using Polyvinyl Pyrrolidone (PVP) Matrix and Its Use in the Formula for Leprosy / Leprosy		2017
	Nanogold Making Method Using Polyvinyl Pyrrolidone (PVP) Matrix and Its Use in Toxoplasmosis Disease Formula Formula		2017
	The Process of Making Nano Seaweed or Nanoseaweed and Its Use in Making Cosmetics	P00201705279	2017
	The Process of Making Seaweed Nano or Nanoseaweed and Its Use in Making Supplements	P00201705280	2017
	The Process of Making Seaweed Nano or Nanoseaweed and Nanogold and Their Use in Cosmetics Manufacturing	P00201705278	2017
	The Process of Making Seaweed Nano or Nanoseaweed and Nanogold and the Use of Both in Making Supplements	P00201705281	2017

	Cosmetic Chemistry	C00201602923	2017
	Nanogold Synthesis Using Matrix Mono Glyceryl Stearate as Antiaging Compounds in Modern Cosmetics	C00201702802 No: 088000	2017
	Artikel: Histology Study: Pre-Clinic Test of Nanogold In Mus Musculus Skin, at Fibroblast Proliferation and Collagen Biosynthesis	C00201702751 No: 087960	2017
	Artikel: Synthesis Colloidal Platinum Nanoparticles with Variance Silver Ion and Characterization with UV-Visible Spectrophotometer and TEM Analysis	C00201702752 No: 087961	2017
	Artikel: Mercury Exposure to Skin Tissue of Mus Musculus as Fibroblast Cell Proliferation and Collagen Quantity	C00201702758 No: 087967	2017
	Artikel: TEM Analysis of Gold Nanoparticles Synthesis In Glycerin: Novel Safety Materials in Cosmetics Recovery Mercury Damage	C00201702753 No: 087962	2017
	Artikel: Synthesis Of Nanogold and Stability Test of This Colloidal as Essential Material in Drug, Supplement and Cosmetics	C00201702754 No: 087963	2017
	Artikel: Stability of Colloidal Silver Nanoparticles Synthesized with	C00201702755 No: 087964	2017

Variance Silver Ions as Antimicrobial in Cosmetic Formulation		
Artikel: Activity Test of Nanogold for Reduction of Free Radicals, a Pre-Assesment Utilization Nanogold in Pharmaceuticals as Medicines and Cosmetics	C00201702756 No: 087965	2017
Article: Histochemical Changes in Liver and Kidney of Mice Exposed to Mercury and Its Recovery with Nanogold	C00201702757 no: 087966	2017
Nanogold as Supporting Activities of Conventional Sunscreen of Octyl-P-Methoxycinnamate to Inhibit Photoaging	C00201702801 No: 087999	2017
Artikel: Increased Activity Compounds Sunscreen Octyl P-Methoxycinnamate Using The Matrix Ti-Bentonite	C00201702800 No: 087998	2017
Basic Chemistry	C00201602906 no: 083837	2017
The Process of Making Night Cream Made from Active Papaya Leaf Extract as Anti-Acne	P00201805096	2018
The Process of Making Moisturizing Cream by Adding Lime Skin Extract	P00201805106	2018
The Process of Making Cream Scrub from Cocoa Powder Combined with Honey and Milk	P00201805091	2018

	Powder		
	The Process of Making Night Cream from Nanogold and Moringa Leaf Extract and Its Use in Making Antiaging Cosmetics	P00201805095	2018
	Use of Nanoemulsion of Lime Extract (Citrus Aurantifolia S.) as Active Ingredients for Making Whitening Cream	P00201805094	2018
	Betasianin Extraction Method from Red Dragon Fruit (Hylocereus Costaricensis) as a Natural Color in Lipstick preparations	P00201805104	2018
	The Process of Making Moisturizing Cream Made from Active Extract of The Cocoa Beans (Theobroma cacao L) in a Combination of Honey Bees	P00201805103	2018
	Use of Nanoemulsion Temulawak Extract in Whitening Cream to Brighten, Smooth and Tighten Facial Skin	P00201805102	2018
	The Process of Making Night Cream with Japanese Celery Leaf Extract or Ashitaba as Lightening Skin	P00201805099	2018
	Nanogold Making Method Using Sugar Matrix (Sucrose) and Its Use for Moisturizing Cream with Addition of Carambola Extract	P00201805105	2018

	Mask Making Method from Pomegranate Skin Extract to Maintain Facial Skin Health	P00201805097	2018
	The Process of Making Day Cream from Active Ingredients Papaya Leaf Extract as an Anti-Acne Product	P00201805096	2018
	The Process of Making Day Cream Made from Active Black Cumin Extract	P00201805113	2018
	The Process of Making Antiaging Made from Active Extracts of Trembesi Seeds (Samanea Saman) as Antioxidants on the Skin	P00201805101	2018
	The Process of Making Chitosan-Aloe Vera Nanoparticles and Their Use in Making Anti-Acne Creams	P00201805110	2018
	The Process of Making Whitening Cream from Carambola Wuluh (Averrhoa Bilimbi) with Citric Acid Active Ingredients and Their Use in Cosmetics Manufacturing	P00201805108	2018
	Making Lipstick Using Mangosteen (Garcinia Mangostana L) Skin Extract as a Lipstick Color	P00201805092	2018
	Making Process of Moisturizing Cream Made from Active Papaya Leaf Extract (Cariaca Papaya L.)	P00201805114	2018
	The Process of Making Night Cream from Nanogold and Coffee	P00201805088	2018

	Skin Extract and Its Use as an Antioxidant		
	The Process of Making Day Cream with Active Soy Bean Extract (Glycine Max) in the Form of Nanomaterials	P00201805085	2018
	The Process of Making Whitening Cream with Strawberry Fruit Extract (Fragaria X Ananassa)	P00201805089	2018
	The Process of Making Strawberry Fruit Cream (Fragaria X Ananassa D.) as an Antioxidant	P00201805334	2018
	Process of Making Antiaging Cream from Extra Moringa Leaves	P00201805327	2018
	Day Cream Making Method Using Noni Seed Extract	P00201805322	2018
	The Process of Making Nanosilver Day Cream Made from Ketapang Leaf Extract as Sunscreen	P00201805331	2018
	Formula Whithening Cream Active Ingredients Extract Dragon Skin (Hylocereus Polyrhizus) and Aloe Vera Combination	P00201805336	2018
	Making a Face Mask by Utilizing Sweet Orange Skin	P00201805326	2018
	The Process of Making Moisturizing Cream with Aloe Vera Extract	P00201805335	2018

**Important
Publication Over
The Last 5 Years**

- Titik Taufikurohmah.** 2015. Sintesis Nanopartikel Platinum dengan Variasi Kadar Gliserin dan Uji Aktivitasnya sebagai Peredam Radikal Bebas (Synthesis of Platinum Nanoparticles with Variation of Glyceride Levels and Test Their Activity as Free Radical Reducer). Unesa Journal of Chemistry . Vol 4 No.1, 2015
- Titik Taufikurohmah.** 2015. Perubahan Histokimia Hati dan Ginjal Mencit Terpapar Merkuri serta Pemulihannya dengan Nanogold (Histochemical Changes in Liver and Kidney of Mice Exposed to Mercury and Its Recovery with Nanogold). Jurnal Kimia Molekul Unsoed. Unesa Journal of Chemistry
- Titik Taufikurohmah.** 2015. Characterization the Stability of Colloidal Silver Nanoparticles Synthesized with Variance Silver Ions as Anti-Microbial in Cosmetic Formulation (). Asian Journal of Chemistry. Vol. 1 No. 1, 2015
- Titik Taufikurohmah.** 2016. Synthesis Colloidal Platinum Nanoparticles with Variance Silver Ion and Characterization with UV-Visible Spectrophotometer and TEM Analysis (). Research Journal of Pharmaceutical, Biological and Chemical Sciences. Vol 27 No.4, 2015
- Titik Taufikurohmah.** 2016. Uji Aktivitas Gabungan Nanogold-Nanoplatinum sebagai Senyawa Tabir Surya dalam Kosmetik (Test of Combined Nanogold-Nanoplatinum Activity as a Sunscreen Compound in Cosmetics). Jurnal International Terindeks SJR Kategori Q4. Vol. 7 No. 2, 2016
- Titik Taufikurohmah.** 2017. Identifikasi Limbah Serbuk Industri Ban (Tire Industry Waste Waste Identification). Unesa Journal of Chemistry. Vol 5 No 2, 2016
- Titik Taufikurohmah.** 2017. Pemanfaatan Nanosilver sebagai Antibakteri dalam Sediaan Farmasi Krim Pelembab Mata (Utilization of Nanosilver as an Antibacterial in Pharmaceutical Preparations Moisturizing Eye Cream). Unesa Journal of Chemistry. Vol 6 No 3, 2017
- Titik Taufikurohmah.** 2018. Clinical Test of Nanogold-Nanoseaweed Cosmetics for User Cosmetic Society (). Unesa Journal of Chemistry. Vol 6 No 1, 2017
- Titik Taufikurohmah.** 2018. Phytochemical Properties of Skin Care Cream Containing Essential Oil of Galangal. Proceedings of the International Conference on Science and Technology (ICST 2018) Atlantic Press. Vol 171, 2018
- Titik Taufikurohmah.** 2018. Analysis of the Clinical Volunteer Complaint Relation with Dangerous Substances in Cosmetic Formula Used. Advances in Engineering Research, Atlantic Press. Vol 171, 2018
- Titik Taufikurohmah.** 2018. The Clinical Test of Nano Gold Cosmetic for Recovering Skin Damage Due to Chemicals: Special Case. Advances in Engineering Research, Atlantic Press. IOP Conf. Series: Journal of Physics
- Titik Taufikurohmah.** 2018. Phytochemical Properties of Skin Care Cream Containing Essential Oil of Galangal. Advances in Engineering Research, Atlantic Press. Advances in Engineering Research, Atlantis Press

Titik Taufikurohmah. 2018. High Order Thinking Skills in Chemical Research to Develop Entrepreneurship and Campus Economic Power (Author) (). IOP Conf. Series: Journal of Physics: Conf. Series 1108. Vol 171, 2018

Titik Taufikurohmah. 2018. Nanogold's Influence on Antioxidant Activity of Green Tea Extracts in the Framework of New Essential Ingredients Discovery in Cosmetic Formulation (). IOP Conf. Series: Journal of Physics: Conf. Series 1108, (2018)

Titik Taufikurohmah. 2018. The Clinical Test of Nano gold Cosmetic for Recovering Skin Damage Due to Chemicals: Special Case. (Author) (). Conf. Series 1108 (2018). Conf. Series 1108 (2018)

Titik Taufikurohmah. 2016. Analisis Minat Konsumen Kosmetik terhadap Berbagai Jenis Krem Nanogold Sebagai Dasar Rencana Produksi dan Rasio Penyediaan Stok Produk (Analysis of Cosmetics Consumer Interests on Various Types of Nanogold Cream as the Basis for Production Plans and Product Stock Supply Ratios). Jurnal Abdi. Vol 2 No 1 pp: 21-28, 2016

Titik Taufikurohmah. 2019, Utilization Of Nanogold And Nanosilver To Treat Herpes Disease: Case Study Of Herpes Transmission In Islamic Cottage Schools. Proceedings of the National Conference SNK-2019 Atlantic Press. Vol 1

Titik Taufikurohmah. 2019, Theoretical And Empirical Validity Of Student Work Sheets To Train Eco Innovation In The Study Of Food Analysis. Proceedings of the National Conference SNK-2019 Atlantic Press. Vol 1

Titik Taufikurohmah. 2019, Self-Efficacy with Educational Purpose on Consuming Nanogold and Nanosilver as Medication for Cancer. Proceeding of International Conference ICEI-2019. Atlantic Press. Vol 387

Titik Taufikurohmah. 2019, Synthesis and Characterization of Nanogold and Nanosilver as Leprosy Drug Candidates and Their Activity Tests in Leprosy Patients; Case Study. Proceeding of International Conference MISEIC-2019. Atlantic Press. Vol 95

Titik Taufikurohmah. 2019, Synthesis and Characterization of Nanogold-Nanosilver Cluster Diameter Using UV-Visible Instruments and TEM Electron Microscope Transform Instruments. Proceeding of International Conference MISEIC-2019. Atlantic Press. Vol 390

Activities in Special Institution	Organization Role	Position	Period
	Himpunan Kimia Indonesia (HKI)	Member	2018 - now