



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)
999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon
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Name Kunchit Judprasong, Ph.D.

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Current position

- Associate Professor (Food and Nutrition)
- Quality manager of service laboratory, Institute of Nutrition, Mahidol University
- ASEANFOODS Regional Coordinator (Association of Southeast Asian Networks of Food Data systems)
- APFAN Deputy Coordinator (Asia Pacific Food Analysis Network)
- Editor of Journal of Nutrition Association of Thailand

Education

2007 Doctoral of Philosophy, Ph. D (Analytical Chemistry), Faculty of Science, Mahidol University, Thailand

1996 Master of Science, M.Sc. (Food and Nutrition for Development), Institute of Nutrition, Mahidol University, Thailand

Research Experiences

1. Development of methodology for nutrient, non-nutrient analyses, phytochemical and antioxidant activities
2. Research areas related to fructans (Inulin, fructo-oligosaccharide), phytochemical and antioxidant activities
3. Research areas related to use of Isotope Ratio Mass Spectrometer (IRMS) and Fourier Transform Infrared Spectrometry (FTIR): body composition, energy expenditure, breast milk intake etc.
4. Nutritive value, phytochemical and antioxidant activities of foods: fresh, cooked and processed foods.
5. Effects of cooking and processing on chemical composition of foods
6. Food Composition Data System: data generation and compilation, data quality and quality assurance for laboratory: proficiency testing, reference material, ISO 17025, ISO 17043, ISO 13528, ISO 17043 etc.

Honors and Awards

- 22 Aug. 2023 “2022 Outstanding Principal Investigator” in recognition of exemplary performance in the project “Establishment of Asian Food Composition Database”, Asian Food & Agriculture Cooperation Initiative (AFACI), Republic of Korea.
- 13 Oct. 2017 Best poster award at 12th International Food Data Conference (12-IFDC); 2017 Oct. 11-13; Buenos Aires, Argentina. (Biodiversity for nutritional values of indigenous durian (*Durio zibethinus* Murr.) in Nonthaburi province, Thailand)
- 18 Mar., 2017 Distinguished Alumni Award 2016 in category of General Integration, Feb., 2017; Graduate Studies of Mahidol University Alumni Association, Thailand.



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- 5 Nov. 2015 "INFOODS Success Story Award 2015" by FAO, Rome. Awarded at 11th International Food Data Conference (11-IFDC); 2015 Nov. 3-5; Hyderabad, India.
- 5 Nov. 2015 Best poster award at 11th International Food Data Conference (11-IFDC); 2015 Nov. 3-5; Hyderabad, India. (Nutrients and natural toxic substances in commonly consumed Jerusalem artichoke (*Helianthus tuberosus* L.) tuber)
- 9 Dec. 2014 Outstanding alumni award, Parkkret secondary school, 2014.
- 8 Oct. 2014 Ajinomoto award "Nutrition research for Thai society development" at the 8th Thailand Congress of Nutrition, October 6-8, 2014, BITEC, Bangkok, Thailand.
- 8 Oct. 2014 Outstanding oral presentation award in title of "Stability of iodine content of iodized salt packed in small and large plastic bags after indoor and sunlight storages", presented at the 8th Thailand Congress of Nutrition, October 6-8, 2014, BITEC, Bangkok, Thailand.
- 10-12 Oct. 2012 Best research award (poster) in the title of "Development of reference materials and their uses for evaluation of laboratory performance on nutrition labeling evaluation and production", presented at 2012 Thailand Research Fund Conference, Petchaburi, Thailand.
- 11 July 2012 2012 Young Scientist Award in Sustainable Consumption and Production (the second runner up) in the Asia-Pacific region, at the United Nations University in Tokyo, Japan
- Sep. 2011 Best poster award at 9th International Food Data Conference (9th IFDC); 2011 Sep 14-17; NBI Conference Centre, Norwich, UK. (Charoenkiatkul S, Judprasong K, Sukprasansap M, Thiyajai P, Kettawan A. Nutrients and bioactive compounds of indigenous fruits at a conservative area in Kanchanaburi, Thailand)
- 5 April–28 May, 2010 Recipient of the International Atomic Energy Agency Fellowship Awards: Training at University of Glasgow, Scotland, UK
- 2007 Graduate Thesis Publication Awards, Doctoral degree level, 2007
- 2006 Outstanding poster in the title of "Use of dialysis profiles from a continuous-flow dialysis system hyphenated with inductively coupled plasma optical emission", presented at 2006 Asia-Pacific Winter Conference on Plasma Spectrochemistry, Bangkok, Thailand.
- 2005 Outstanding poster in the title of "Continuous – Flow Dialysis System with Inductively Coupled Plasma Optical Emission Spectrometric Detecton for Vitro Estimation of Bioavailability", presented at 2005 Asia-Pacific Winter Conference on Plasma Spectrochemistry, April 25-30, 2005, Chiang Mai, Thailand.
- 16 January – 15 April, 2006 Recipient of the International Atomic Energy Agency Fellowship Awards: Training at Seibersdorf, Austria
- 8-24 March, 2004 Recipient of the International Atomic Energy Agency Fellowship Awards: Training at Seibersdorf, Austria
- 1998 Best Civil Officer, Institute of Nutrition, Mahidol University, Thailand.
- 5-23 October, 1998 Recipient of the United Nations University Fellowship Awards: Training at Wageningen, the Netherlands
- 1989 Best Civil Officer, Institute of Nutrition, Mahidol University, Thailand.
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Training (International level)

- 2014, Nov 12-14 ISO 13528:2015 Statistical methods for use in proficiency testing interlaboratory comparisons, Hong Kong
- 2010, 5 Apr–28 May Assessment of micronutrients in nutrition by stable isotope mass spectrometry, Scottish Universities Environmental Research Centre (SUERC), University of Glasgow, Scotland, *United Kingdom* (IAEA fellow)
- 2010, Mar 11-12 ISO 13528:2005 Statistical methods for use in proficiency testing interlaboratory comparisons, Bangkok, *Thailand*
- 2007, May 19–27 Fructan (inulin and oligofructose) analysis, ORAFTI Active Food Ingredients Company, Tienen, *Belgium*
- 2006, Dec 1-7 Laboratory Quality Standards Towards Global Competitiveness: Management System, Method Validation, Uncertainty of Measurement, Reference Materials, and Proficiency Testing, Food and Nutrition Research Institute (FNRI), Manila, *Philippines*.
- 2006, Jul 17-21 Laboratory Quality Standards Towards Global Competitiveness: Management System, Reference Materials, and Proficiency Testing, Institute of Nutrition, Mahidol University (INMU), *Thailand*.
- 2006, 16 Jan–15 Apr Preparation of Food Proficiency Testing and Reference Material, International Atomic Energy Agency (IAEA), Seiberdorf, *Austria* (IAEA fellow)
- 2004, Mar 8-24 Interregional Training Course on Organisational, Reporting, and Certification Aspects of Proficiency Tests, IAEA, Seiberdorf, *Austria*
- 1998, Oct 5-23 Fourth International Graduate Course on the Production and Use of Food Composition Data in Nutrition, FoodComp'98, Wageningen, *the Netherlands* (UNU Fellow)
- 1997, Nov 7-14 Food Analysis. Asia Pacific Food Analysis Network, Queensland Health Scientific Services Laboratory, Brisbane, *Australia*.

Training (National level)

- 2018, Feb 19-20 ISO/IEC 17025: 2017, Department of Medical Sciences, *Thailand*.
- 2017, Jun 14-15 ISO/IEC 17034: 2016, Department of Medical Sciences, *Thailand*.
- 2007, Sep 12-14 ISO/IEC 17025: 2005, Department of Medical Sciences, *Thailand*.
- 2006, 26 Jun-1 Jul Laboratory Assessor Training Course (in accordance with APLAC Guidelines TR001), Department of Science Service, *Thailand*.
- 2006, Jun 14-16 Reference Material Producer Accreditation, Department of Science Service, *Thailand*.
- 2006, May 16-17 ISO/IEC 17025: 2005, Department of Science Service, *Thailand*.
- 2003, Nov 11-12 Uncertainty of Measurement, Institute of Nutrition, Mahidol University (INMU), *Thailand*.
- 1999, Jun 4 Uncertainty of Measurement, Department of Science Service, *Thailand*.
- 1998, Oct 26-30 ISO/IEC Guide 25 Training Course for Section Heads, Thai Industrial Standards Institute., *Thailand*.



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Publications

International level:

1. Winichagoon P*, Pongcharoen T, Fadjarwati T, Winarno E, Karim NA, Purevsuren E, Ahmad T, Yameen A, Hettiarachchi M, **Judprasong K**, Thuy NT, Thu HVT, Islam M, Slater C, Thomas T, Murphy-Alford AJ. Discordance in exclusive breastfeeding between maternal recall and deuterium dose-to-mother technique during the first 6 months of infants: A multi-country study in Asia. *Eur J Clin Nutr*. 2023. <https://doi.org/10.1038/s41430-023-01353-0>
2. Kongta N, **Judprasong K***, Chunhabundit R, Sirivarasai J, Karnpanit W*. Assessment of Exposure to Aluminum through Consumption of Noodle Products. *Foods* 2023, 12, 3960. <https://doi.org/10.3390/foods12213960>
3. Sirisangarunroj P, Monboonpitak, N, Karnpanit, W, Sridonpai, P, Singhato, A, Laitip, N, Ornthai, N, Yafa, C, **Judprasong K***. Toxic Heavy Metals and Their Risk Assessment of Exposure in Selected Freshwater and Marine Fish in Thailand. *Foods* 2023, 12, 3967. <https://doi.org/10.3390/foods12213967>
4. Photi J, **Judprasong K***, Gowachirapant S, Srisakda P, Supanuwat J, Zeder C. Collaborative Study for Iodine Monitoring in Mandatory Direct-Iodized Sauce in Thailand. *Foods*. 2023; 12(18):3513. <https://doi.org/10.3390/foods12183513>
5. **Judprasong K**, Chheng, S, Chimkerd, C, Jittinandana, S, Tangsuphoom, N, Sridonpai, P. Effect of Ultraviolet Irradiation on Vitamin D in Commonly Consumed Mushrooms in Thailand. *Foods* 2023, 12, 3632. <https://doi.org/10.3390/foods12193632>
6. Phoraksa O, Chimkerd C, Thiyajai P, **Judprasong K**, Tuntipopipat S, Tencomnao T, Charoenkiatkul S, Muangnoi C, Sukprasansap M*. Neuroprotective Effects of *Albizia lebbek* (L.) Benth. Leaf Extract against Glutamate-Induced Endoplasmic Reticulum Stress and Apoptosis in Human Microglial Cells. *Pharmaceuticals* 2023, 16, 989. <https://doi.org/10.3390/ph16070989>
7. Sridonpai P, Suthipibul P, Boonyingsathit K, Chimkerd C, Jittinandana S, **Judprasong K***. Vitamin D Content in Commonly Consumed Mushrooms in Thailand and Its True Retention after Household Cooking. *Foods* 2023, 12, 2141. <https://doi.org/10.3390/foods12112141>
8. Kamdee K, Naksuriyawong S, Uapoonphol N, Fungklin R, Esor J, Permnamtip V, Meepho S, **Judprasong K***. Evaluation of honey authenticity in Thailand by analysis of carbon stable isotope ratio using elemental analyser coupled to isotope ratio mass spectrometry and cavity ring-down spectrometry. *International Journal of Food Science and Technology* 2023, 1-7. doi:10.1111/ijfs.16385
9. Singhato A, **Judprasong K***, Sridonpai P, Laitip N, Ornthai N, Yafa C. Speciation of selenium in fresh and cooked commonly consumed fish in Thailand. *Journal of Food Composition and Analysis*. 2023, 120:105303. <https://doi.org/10.1016/j.jfca.2023.105303>
10. Ua-areechit T, Suteerotrakool O, Pongcharoen T, Pattanee Winichagoon P, **Judprasong K**, Murphy-Alford AJ, Lee WTK, Potip B, Sridonpai P, Tongchom W, Chomtho S. Breastfeeding duration is associated with higher adiposity at 6–8 months of age. *Maternal & Child Nutrition*. 2023 Jan;19(1):e13438. doi: 10.1111/mcn.13438.
11. Sridonpai P, Kongrapun P, Sungayuth N, Sukprasansap M, Chimkerd C, **Judprasong K***. Nutritive values and phytochemical compositions of edible



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- indigenous plants in Thailand. *Frontiers in Sustainable Food Systems*. *Front. Sustain. Food Syst.*, 2022, 6, 870147. doi: 10.3389/fsufs.2022.870147
12. Danudol, A., **Judprasong K***. Development and Method Validation of Butyric Acid and Milk Fat Analysis in Butter Blends and Blended Milk Products by GC-FID. *Foods* 2022, 11, 3606. <https://doi.org/10.3390/foods11223606>
 13. Singhato A , **Judprasong K***, Sridonpai P, Laitip N, Ornthai N, Yafa C, Chimkerd C. In Vitro Bioaccessibility of Selenium from Commonly Consumed Fish in Thailand. *Foods*. 2022, 11, 3312. <https://doi.org/10.3390/foods11213312>
 14. Singhato A , **Judprasong K***, Sridonpai P, Laitip N, Ornthai N, Yafa C, Chimkerd C. Effect of Different Cooking Methods on Selenium Content of Fish Commonly Consumed in Thailand. *Foods*. 2022, 11, 1808. <https://doi.org/10.3390/foods11121808>
 15. Sridonpai P, **Judprasong K***, Tirakomonpong N, Saetang P, Puwastien P, Rojroongwasinkul N, Ongphiphadhanakul B. Effects of Different Cooking Methods on the Vitamin D Content of Commonly Consumed Fish in Thailand. *Foods*. 2022, 11, 819. <https://doi.org/10.3390/foods11060819>
 16. Meepho S, Kamdee K, Saengkorakot C, Thapprathum P, **Judprasong K***. Comparison between Isotope Ratio Mass Spectrometry (IRMS) and Cavity Ring-down Spectroscopy (CRDS) for Analysing the Carbon Isotope Ratio and Detection of Adulteration in Coconut Water. *International Journal of Food Science & Technology*. *International Journal of Food Science and Technology*, 2021;56, 6611–6617. <https://doi.org/10.1111/ijfs.15321>
 17. Chittawatanarat K*, Surawang S, Simapaisan P, **Judprasong K**. Jerusalem Artichoke Powder Mixed in Enteral Feeding for Patients Who have Diarrhea in Surgical Intensive Care Unit: A Method of Preparation and a Pilot Study. *Indian Journal of Critical Care Medicine*, 2020;24(11):1051–1056. doi: 10.5005/jp-journals-10071-23575
 18. Tongchom W, Pongcharoen T, **Judprasong K**, Udomkesmalee E, W Kriengsinyos, Winichagoon P*. Human milk intake of Thai breastfed infants during the first 6 months using the dose-to-mother deuterium dilution method. *Food and Nutrition Bulletin*, 2020, 41(3): 343-354. doi: 10.1177/0379572120943092
 19. Thiyajai P, Charoenkiatkul S, Kulpradit K, Swangpol S, Sridonpai P, **Judprasong K***. Nutritional composition of indigenous durian varieties. *Malaysian Journal of Nutrition*, 2020, 26(1): 93-99. doi:10.31246/mjn-2019-0083
 20. Srichan W, Pongcharoen T*, **Judprasong K**, Winichagoon P, Gowachirapant S, Wimonpeerapattana W. Association between adiposity indicators and cardiorespiratory fitness among rural northeastern Thai adolescents. *Malaysian Journal of Nutrition*, 2020, 26(1): 107-116. <https://doi.org/10.31246/mjn-2019-0092>
 21. Prachansuwan A, Kriengsinyos W, **Judprasong K**, Kovitvadhii A, Chundang P. Effect of different pre-boiling treatment on in vitro protein and amino acid digestibility of mung beans [*Vigna radiata* (L.) Wilczek]. *Malaysian Journal of Nutrition*, 2019, 25(3):361-375. <https://doi.org/10.31246/mjn-2019-0046>
 22. Sukontaprapun B, Charoenkiatkul S, Thiyajai P, Sukprasansap M, Saetang P, **Judprasong K***. Key organic acids in indigenous plants in Thailand. *American Journal of Plant Sciences*, 2019, 10, 1855-1870. doi: 10.4236/ajps.2019.1010131
 23. Tortrakun P, **Judprasong K***, Jittinandana S, Tangsuphoom N. Physical property and antioxidant activity of spread product from Jerusalem artichoke (*Helianthus tuberosus* L.) tubers. *Walailak Procedia* 2019; 2019(1): IC4IR.64.
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24. Pinthong S, **Judprasong K***, Tangsuphoom N, Jittinandana S, Nakngamanong Y. Effect of different drying processes on physical properties and carotenoid content of Gac fruit (*Momordica cochinchinensis* Spreng.). *Journal of Food Science and Agricultural Technology* (2019) 5 (Spcl. Iss.): 61-70.
25. Panyasong S, Pitaksajakul P, **Judprasong K**, Phumratanaprapin W, Kittitrakul C, Kaewprasert S, Ramasoota P*. The prebiotic effects of dietary Jerusalem artichoke (Kaentawan) in healthy Thai adults. *Suranaree J. Sci. Technol*; 2018; 25(3): 319-330.
26. **Judprasong K***, Archeepsudcharit N, Chantapiriyapoon K, Tanaviyutpakdee P, Temviriyankul P. Nutrients and natural toxic substances in commonly consumed Jerusalem artichoke (*Helianthus tuberosus* L.) tuber. *Food Chem*; 2018; 238: 173–179. doi: 10.1016/j.foodchem.2016.09.116
27. **Judprasong K***, Puwastien P, Supanuwat J, Jittinandana S, Pinprapai N. Development of milk powder reference material and its use for evaluation of laboratory performance on analysis of mandatory nutrients for nutrition labelling in Thailand. *Accred Qual Assur* 2017; 22: 207–215. <https://doi.org/10.1007/s00769-017-1269-5>
28. Dechapinan S, **Judprasong K**, On-nom N, Tangsuphoom N*. Calcium from Pacific White Shrimp (*Litopenaeus vannamei*) Shells: Properties and Function as Fortificant in Soy Milk. *Food and Applied Bioscience Journal*, 2017, 5(3) :176–195.
29. Pongcharoen T, **Judprasong K**, Jitngarmkusol S, Kriengsinyos W, Winichagoon P*. Body mass index is associated with fat mass in normal, overweight/obese, and stunted preschool children in central Thailand. *Asia Pac J Clin Nutr* 2017; 26(4): 686-691. doi: 10.6133/apjcn.052016.02
30. **Judprasong K***, Jongjaithet N, Chavasit V. Comparison of methods for iodine analysis in foods. *Food Chemistry*. 2016; 193: 12–17. doi: 10.1016/j.foodchem.2015.04.058
31. Chaito C, **Judprasong K***, Puwastien P. Inulin content of fortified food products in Thailand. *Food Chemistry*. 2016; 193: 102–105. <https://doi.org/10.1016/j.foodchem.2014.10.140>
32. Charoenkiatkul S, Thiyajai P, **Judprasong K***. Nutrients and bioactive compounds in popular and indigenous durian (*Durio ziberhinus* Murr.). *Food Chemistry*. 2016; 193: 181–186. <https://doi.org/10.1016/j.foodchem.2015.02.107>
33. Satusap P, Chavasit V*, Kriengsinyos W, **Judprasong K**. Development of cereal and legume based food products for the elderly. *SpringerPlus* 2014, 3: 451. <https://doi.org/10.1186/2193-1801-3-451>
34. Busamongkol A*, Srinuttrakul W, Kewsuwan P, **Judprasong K**. Evaluation of Toxic and Trace Metals in Thai Fish by INAA. *Energy Procedia*. 2014; 56:80–84. <https://doi.org/10.1016/j.egypro.2014.07.134>
35. **Judprasong K**, Puwastien P*, Boonpor J, Pinprapai N. Laboratory performance on analysis of mandatory nutrients and preparation of nutrition labelling. *Food Chemistry*. 2013; 140: 598–607. <https://doi.org/10.1016/j.foodchem.2012.11.127>
36. **Judprasong K**, Charoenkiatkul S*, Thiyajai P, Sukprasansap M. Nutrients and bioactive compounds of Thai indigenous fruits. *Food Chemistry*. 2013; 140: 507–512. <https://doi.org/10.1016/j.foodchem.2013.01.057>
37. Laoharajanaphand S*, Busamongkol A, Permnamtip V, **Judprasong K**, Chatt A. A pilot study to measure levels of selected elements in Thai foods by instrumental neutron activation analysis. *J Radioanal Nucl Chem*. 2012; 294: 323–327.



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<https://doi.org/10.1007/s10967-012-1884-x>

38. **Judprasong K***, Tanjor S, Puwastien P, Sungpuag P. Investigation of Thai plants for potential sources of inulin-type fructans. *J Food Compost Anal.* 2011; 24: 642-649. <https://doi.org/10.1016/j.jfca.2010.12.001>
39. Parengam M, **Judprasong K***, Srianujata S, Jittinandana S, Laoharojanaphand S, Busamongko A. Study of nutrients and toxic minerals in rice and legumes by instrumental neutron activation analysis and graphite furnace atomic absorption spectrophotometry. *J Food Compost Anal.* 2010;23:340–345. <https://doi.org/10.1016/j.jfca.2009.12.012>
40. Yafa C*, Srithongtim S, Phukphatthanachai P, Thiparuk A, Nittaya Sudsiri N, Rojanapantip L, Uraoongroj M, Kluengklangdon P, Jaengkarnkit P, Sirisuthanant K, Thonglue C, Pimma T, Pengpreecha P, Julwee Fortune T, Zwicker R, Permnamtip V, Laoharojanaphnad S, Suanmamuang B, Shiowatana J, Waiyawat W, Siripinyanond A, **Judprasong K**, Boonsong B, Talaluck S, Cherdchu C. New reference material for analysis of elements in glutinous rice produced at the National Institute of Metrology (Thailand). *Accred Qual Assur.* 2010;15: 223–231. <https://doi.org/10.1007/s00769-009-0621-9>
41. Plaimast H, Sirichakwal PP*, Puwastien P, **Judprasong K**, Wasantwisut E. *In vitro* bioaccessibility of intrinsically zinc-enriched egg and effect of cooking. *J Food Compost Anal.* 2009;22:627–631. <https://doi.org/10.1016/j.jfca.2009.04.007>
42. Puwastien P*, **Judprasong K**, Pinprapaia N. Development of rice reference material and its use for evaluation of analytical performance of food analysis laboratories. *J Food Compost Anal.* 2009;22:453–462. <https://doi.org/10.1016/j.jfca.2009.01.006>
43. Chanthilath B, Chavasit V*, Chareonkiatkul S, **Judprasong K**. Iodine stability and sensory quality of fermented fish and fish sauce produced with the use of iodated salt. *Food and Nutrition Bulletin.* 2009; 30(2):183-8. doi: 10.1177/156482650903000210
44. Zimmermann BM*, Fucharoen S, Winichagoon P, Sirankapracha P, Zeder C, Gowachirapant S, **Judprasong K**, Toshihiko Tanno, Jeffery L Miller, and Richard F Hurrell. Iron metabolism in heterozygotes for hemoglobin E (HbE), α -thalassemia, or α -thalassemia and in compound heterozygotes for HbE/ α -thalassemia. *Am J Clin Nutr.* 2008;88:1026–31. doi: 10.1093/ajcn/88.4.1026
45. Torvenyi A*, **Judprasong K**, Ales F. Method performance study of on-line internal standard addition in inductively coupled plasma mass spectrometry. *J Anal At Spectrom.* 2007;22: 1152–1157. <https://doi.org/10.1039/B704867J>
46. **Judprasong K**, Siripinyanond A, Shiowatana J*. Towards better understanding of *in vitro* bioavailability of iron through the use of dialysis profiles from a continuous-flow dialysis with inductively coupled plasma spectrometric detection. *J Anal At Spectrom.* 2007;22:807–810. <https://doi.org/10.1039/B700470B>
47. Tuntipopipat S*, **Judprasong K**, Zeder C, Wasantwisut E, Winichagoon P, Charoenkiatkul S, Hurrell R, Walczyk T. Chili, but not turmeric, inhibits iron absorption in young women from an iron-fortified composite meal. *J Nutr.* 2006;136:2970–2974. doi: 10.1093/jn/136.12.2970
48. **Judprasong K***, Charoenkiatkul S, Sungpuag P, Vasanachitt K, Nakjamanong Y. Total and soluble oxalate contents in Thai vegetables, cereal grains and legume seeds and their changes after cooking. *J Food Compost Anal.* 2006;19(4):340-347.



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<https://doi.org/10.1016/j.jfca.2005.04.002>

49. Tuntipopipat S*, Walczyk T, **Judprasong K**, Zeder C, Wasantwisut E, Winichagoon P, Charoenkiatkul S, Hurrell R. Effect of chili and turmeric on human iron absorption. Federation Amer Soc Exp Biol (FASEB). 2006 Mar 6;20(4):A196-A196 Part 1. <https://doi.org/10.1096/fasebj.20.4.A196-c>
50. **Judprasong K**, Ornthai M, Siripinyanond A, Shioatana J*. A continuous-flow dialysis system with inductively coupled plasma optical emission spectrometry for *in vitro* estimation of bioavailability. J Anal At Spectrom. 2005;11:1191-1196. <https://doi.org/10.1039/B508639F>
51. Puwastien P*, Pinprapaia N, **Judprasong K**, Tamurab T. International inter-laboratory analyses of food folate. J Food Compost Anal. 2005;18:387-397. <https://doi.org/10.1016/j.jfca.2004.02.011>
52. **Judprasong K**, Ornthai M, Purawatt S, Siripinyanond A, Shioatana J*. Study of interelemental effects of mineral bioavailability using *in vitro* continuous-flow dialysis with inductively coupled plasma optical emission spectrometric method. J Trace Elem Exp Med. 2004;17(4): 187.
53. Chavasit V*, Malaivongse P, **Judprasong K**. Study on stability of iodine in iodated salt by use of different cooking model conditions. J Food Compost Anal. 2002;15:265-276. <https://doi.org/10.1006/jfca.2002.1054>
54. Puwastien P*, **Judprasong K**, Kettawan A, Vasachitt K, Nakngamanong Y, Bhattacharjee L. Proximate composition of raw and cooked Thai freshwater and marine fish. J Food Compost Anal. 1999;12:9-16. <https://doi.org/10.1006/jfca.1998.0800>

National level

1. Kemthong U, Pornmeerid P, Suabreung R, Yingsumphanchareun T, Srisuwan N, **Judprasong K***. Evaluating laboratory performance on polarization and color tests of sugar. Thai Science and Technology Journal (TSTJ). 2020, 28, 2129-41.
2. Tirakomonpong N, **Judprasong K**, Sridonpai P*, Saetang P, Puwastien P, Rojroongwasinkul N, Ongphiphadhanakul B. Vitamin D in commonly consumed freshwater and marine fish. Journal of Nutrition Association of Thailand. 2019, 54(1), 55-67.
3. **Judprasong K***, Chavasit V, Sridonpai P, Photi J. Appropriate analytical methods of iodine in salts for small and medium size of salt producers. Science and Technology Thammasat University. 2017, 25(2); 235-247.
4. Suwannakornrat P*, Chaiyakul S, Thakhiew W, **Judprasong K**. Effect of blanching in NaCl solution and drying temperature on the physiochemical of Ivy-gourd powders. Agricultural Sci. J. 2016, 47(2)(Suppl.): 181-184.
5. Tanjor S, Saiwan T, Puwastien P, **Judprasong K***. Nutritive Value of Commonly Consumed Eggs and Effects of Cooking. Science and Technology Thammasat University. 2015, 23(4).
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