

# Tan Phat Dao

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

365  
citations

840776

11  
h-index

839539

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Study on Extraction Process and Analysis of Components in Essential Oils of Black Pepper (Piper) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.8	95
2	Extraction Process of Essential Oil from <i>Plectranthus amboinicus</i> Using Microwave-Assisted Hydrodistillation and Evaluation of Its Antibacterial Activity. <i>Asian Journal of Chemistry</i> , 2019, 31, 977-981.	0.3	43
3	Effects of different surface functionalization on the electronic properties and contact types of graphene/functionalized-GeC van der Waals heterostructures. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7952-7961.	2.8	29
4	Kinetics of pilot-scale essential oil extraction from pomelo ( <i>Citrus maxima</i> ) peels: Comparison between linear and nonlinear models. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 2564-2572.	6.4	28
5	MODELING AND OPTIMIZATION OF THE ORANGE LEAVES OIL EXTRACTION PROCESS BY MICROWAVE-ASSISTED HYDRO-DISTILLATION: THE RESPONSE SURFACE METHOD BASED ON THE CENTRAL COMPOSITE APPROACH (RSM-CCD MODEL). <i>Rasayan Journal of Chemistry</i> , 2019, 12, 666-676.	0.4	25
6	Essential Oil Hydrodistillation Process from Vietnamese Calamondin ( <i>Citrus microcarpa</i> ) Peels and GC/MS Analysis of Essential Oils Components. <i>Asian Journal of Chemistry</i> , 2019, 31, 2585-2588.	0.3	24
7	The characteristics of defective ZrS <sub>2</sub> monolayers adsorbed various gases on S-vacancies: A first-principles study. <i>Superlattices and Microstructures</i> , 2020, 140, 106454.	3.1	19
8	Extraction of Essential Oils from Vietnamese Orange ( <i>Citrus sinensis</i> ) Peels by Hydrodistillation: Modeling and Process Optimization. <i>Asian Journal of Chemistry</i> , 2019, 31, 2827-2833.	0.3	15
9	Stacking and electric field effects on the band alignment and electronic properties of the GeC/GaSe heterostructure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 120, 114050.	2.7	15
10	Kinetic Studies on Extraction of Essential Oil from Lemongrass Leaves ( <i>Cymbopogon citratus</i> ) by Steam Distillation Industrial Scale. <i>Asian Journal of Chemistry</i> , 2020, 32, 1399-1403.	0.3	14
11	Study of jelly drying cashew apples ( <i>Anacardium occidentale</i> L.) processing. <i>Food Science and Nutrition</i> , 2022, 10, 363-373.	3.4	13
12	Understanding the electronic properties, contact types and optical performances in graphene/InN heterostructure: Role of electric gating. <i>Diamond and Related Materials</i> , 2020, 106, 107851.	3.9	12
13	Optimization of Operating Conditions of Essential Oil Extraction of Vietnamese Pomelo ( <i>Citrus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.3	11
14	Application of Response Surface Methodology for the Optimization of Essential Oils from Pomelo [ <i>Citrus grandis</i> (L.) Osbeck] Leaves using Microwave-Assisted Hydrodistillation Method. <i>Asian Journal of Chemistry</i> , 2019, 31, 1639-1642.	0.3	9
15	Evaluation of Physico-Chemical Properties of Lemongrass ( <i>Cymbopogon citratus</i> L.) Essential Oil Grown in Tien Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , 2020, 32, 1248-1250.	0.3	8
16	Manufacturing Process for Extracting Essential Oils from White Pepper ( <i>Piper nigrum</i> L.) by Hydrodistillation Technique. <i>Solid State Phenomena</i> , 2019, 298, 89-93.	0.3	6
17	Central Composite Design, Kinetic Model, Thermodynamics, and Chemical Composition of Pomelo ( <i>Citrus Maxima</i> (Burm.) Merr.) Essential Oil Extraction by Steam Distillation. <i>Processes</i> , 2021, 9, 2075.	2.8	6
18	Chemical Composition and Evaluation of Antibacterial Activities of Essential Oil from Lemon ( <i>Citrus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	5

#	ARTICLE	IF	CITATIONS
19	Optimization of the cold drying process of mango ( <i>Mangifera indica</i> L.) Tu Quy variety by response surface methodology. <i>Food Research</i> , 2021, 5, 386-393.	0.8	4
20	Response surface methodology for optimization studies of hydro-distillation of essential oil from pixie mandarin ( <i>Citrus reticulata</i> Blanco) peels. <i>Polish Journal of Chemical Technology</i> , 2021, 23, 26-34.	0.5	3
21	Optimization of the Essential Oil Extraction Process from Dong Van Marjoram ( <i>E. winitiana</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlock Against Some Cancer Cell Lines and Bacteria. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110542.	0.5	1
22	Impact of Different Storage Conditions on Composition of Lemongrass ( <i>Cymbopogon citratus</i> L.) Essential Oil of Tien Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , 2020, 32, 2743-2747.	0.3	0