

# Surjani Wonorahardjo

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

171  
citations

1307594

7  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of carboxymethyl kappa-Carrageenan coated nanomagnetite and its application as preconcentration medium for water samples containing Pb(II)-Cu(II) and Pb(II)-Co(II). AIP Conference Proceedings, 2021, , .	0.4	0
2	From chemistry back to nature, an ethical perception of chemists. AIP Conference Proceedings, 2021, , .	0.4	2
3	The application of silica-cellulose material as heavy metal adsorbent on laboratory wastewater. AIP Conference Proceedings, 2021, , .	0.4	0
4	Big Data Support for Problem Solving Method in Mass Spectrometry Topic in Modern Analytical Chemistry Course. International Journal of Interactive Mobile Technologies, 2021, 15, 167.	1.2	1
5	Reduction of the supercooling of $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ using electric field and nucleating agent effects. Journal of Energy Storage, 2021, 42, 103020.	8.1	7
6	The effect of kaffir lime ( <i>Citrus hystrix</i> ) leaves extract in chloroform as ladybug ( <i>Epilachna sparsa</i> ) antifeedant, a preliminary study. AIP Conference Proceedings, 2021, , .	0.4	0
7	Edu-Kit "Our Coffee" Development on Problem Based Learning Model for Vocational Agribusiness and Agrotechnology Programs on Material Separation Mixture. International Journal of Interactive Mobile Technologies, 2020, 14, 41.	1.2	1
8	Study on Physicochemical and Thermal Properties of Tetrabutylammonium-Based Cation Ionic Salts Induced by $\text{Al}_2\text{O}_3$ Additive for Thermal Energy Storage Application. Inorganics, 2020, 8, 51.	2.7	5
9	Preparation and Characterization of Silica-Carrageenan Adsorbent for $\text{Pb}^{2+}$ and $\text{Cd}^{2+}$ as Interfering Ion. IOP Conference Series: Materials Science and Engineering, 2019, 546, 042021.	0.6	7
10	Production and Application of Aggregate Manganese Zeolite Greensand using Post Cartridge Micron as Absorbent Fe and Mn Ions. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012007.	0.3	3
11	Spectroscopy for Characterization and Application of Silica-Cellulose Biomaterials, a Brief Review Article about Analytical Methods. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012102.	0.6	4
12	Silica-Cellulose Hybrid Material Application as Natural Pigment Adsorbent as Studied by Spectroscopy Method. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012083.	0.6	4
13	Method Development and Surface Utilization: Monitoring Environment in Urban Society Through Analytical Chemistry. Geographia Technica, 2019, 14, 87-97.	0.4	3
14	Electrofreezing of the phase-change material $\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$ and its impact on supercooling and the nucleation time. Hemijska Industrija, 2019, 73, 363-374.	0.7	8
15	Volatiles Dynamics on Solid Interface to Model Chemical Cues Release in Tritrophic Interaction. Journal of Physics: Conference Series, 2018, 1093, 012048.	0.4	4
16	Chemical Cues in Tritrophic Interaction on Biocontrol of Insect Pest. Journal of Pure and Applied Chemistry Research, 2017, 6, 49-56.	0.1	9
17	Surface Behavior of Rhodamin and Tartrazine on Silica-Cellulose Sol-Gel Surfaces by Thin Layer Elution. Journal of Pure and Applied Chemistry Research, 2016, 5, 48-54.	0.1	14
18	Molecular exchange dynamics in partially filled microscale and nanoscale pores of silica glasses studied by field-cycling nuclear magnetic resonance relaxometry. Journal of Chemical Physics, 2004, 121, 10648-10656.	3.0	42

#	ARTICLE	IF	CITATIONS
19	Nuclear magnetic resonance study of the vapor phase contribution to diffusion in nanoporous glasses partially filled with water and cyclohexane. <i>Journal of Chemical Physics</i> , 2003, 119, 10358-10362.	3.0	33
20	<sup>2</sup> H NMR relaxation monitoring of gelation in tetramethoxysilane sol-gels. <i>Journal of Non-Crystalline Solids</i> , 2000, 271, 137-146.	3.1	9
21	NMR relaxation studies of porous sol-gel glasses. <i>Magnetic Resonance Imaging</i> , 1998, 16, 511-513.	1.8	15
22	Modern Analytical Chemistry Methods for Chalcogen Materials Analysis and Characterization. , 0, , .		0