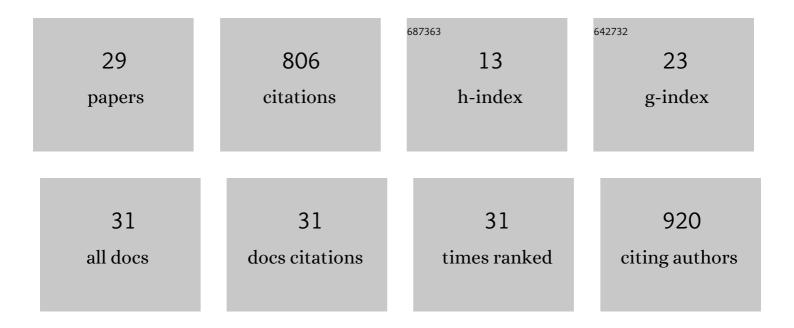
Wieland Hill

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1294478/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Non-Concentric Ladder Soil Model for Dynamic Rating of Buried Power Cables. IEEE Transactions on Power Delivery, 2021, 36, 235-243.	4.3	8
2	Distributed Acoustic Sensing with 100 km Distance Range Using a Polarization-Diverse Coherent OTDR Interrogator. , 2021, , .		0
3	Long-Distance BOTDR Interrogator with Polarization- Diverse Coherent Detection and Power Evaluation. , 2021, , .		0
4	Fiber-Optic Temperature Sensor for Bleed Air Leak Detection with cm-Scale Spatial Resolution. , 2020, , .		1
5	Real-Time Determination of Depth of Burial Profiles for Submarine Power Cables. IEEE Transactions on Power Delivery, 2019, 34, 1079-1086.	4.3	14
6	Temperature sensing in underground facilities by Raman optical frequency domain reflectometry using fiber-optic communication cables. Journal of Sensors and Sensor Systems, 2018, 7, 85-90.	0.9	3
7	Continuous safeguarding of rating accuracy. CIRED - Open Access Proceedings Journal, 2017, 2017, 83-86.	0.1	1
8	Brillouin distributed temperature sensing system for monitoring of submarine export cables of off-shore wind farms. , 2016, , .		1
9	Distributed temperature monitoring of long distance submarine cables. , 2011, , .		2
10	Single-mode distributed temperature sensing using OFDR. Proceedings of SPIE, 2010, , .	0.8	5
11	Refraktive Mikrooptiken – Wie lassen sich Laser in industrielle Anlagen kompakt integrieren?. Laser Technik Journal, 2005, 2, 43-46.	0.2	0
12	XPS and SERS Study of Silicon Phthalocyanine Monolayers:Â Umbrella vs Octopus Design Strategies for Formation of Oriented SAMs. Langmuir, 2001, 17, 4887-4894.	3.5	135
13	Laser Power Effects in SERS Spectroscopy at Thin Metal Films. Journal of Physical Chemistry B, 2001, 105, 6330-6336.	2.6	37
14	Single-fibre surface-enhanced Raman sensors with angled tips. Journal of Raman Spectroscopy, 2000, 31, 625-631.	2.5	65
15	Caries Detection by Diode Laser Raman Spectroscopy. Applied Spectroscopy, 2000, 54, 795-799.	2.2	30
16	Acoustic Trap for Simplified Micro-Sample Handling in Laser Spectroscopy. Applied Spectroscopy, 2000, 54, 1831-1836.	2.2	16
17	Detection of Aromatics in the Gas Phase by Surface-Enhanced Raman Scattering on Substrates Chemically Modified withp-tert-Butylcalix[4] Arenetetrathiol. International Journal of Environmental Analytical Chemistry, 1999, 73, 223-236.	3.3	9
18	Raman Study on the Structure of Cysteamine Monolayers on Silver. Langmuir, 1999, 15, 3162-3168.	3.5	97

WIELAND HILL

#	Article	IF	CITATIONS
19	Investigation of the Adsorption of Gaseous Aromatic Compounds at Surfaces Coated with Heptakis(6-thio-6-deoxy)-l²-cyclodextrin by Surface-Enhanced Raman Scattering. Journal of Physical Chemistry B, 1999, 103, 4707-4713.	2.6	29
20	Analysis of Odorous Vapor Exhaled from Rubber by Surface-Enhanced Raman Scattering. Applied Spectroscopy, 1999, 53, 547-550.	2.2	19
21	Feasibility Study of Raman Spectroscopy as a Tool to Investigate the Liquid-Phase Chemistry of Aliphatic Organic Peroxides. Applied Spectroscopy, 1997, 51, 74-80.	2.2	13
22	Detection of Caries and Composite Resin Restorations by Near-Infrared Raman Spectroscopy. Applied Spectroscopy, 1997, 51, 1265-1268.	2.2	16
23	Preliminary investigations into the interactions of herbicides with aqueous humic substances. Pest Management Science, 1997, 51, 450-454.	0.4	2
24	Detection of aromatics in aqueous solution by surface-enhanced Raman scattering by substrates chemically modified with p-tert-butylcalix[4]arenetetrathiol. Analytical Chemistry, 1995, 67, 3187-3192.	6.5	43
25	Potential- and pH-dependent surface-enhanced Raman scattering of p-mercapto aniline on silver and gold substrates. The Journal of Physical Chemistry, 1993, 97, 9451-9455.	2.9	120
26	Comment on a "Simple and Efficient Method to Eliminate Spike Noise from Spectra Recorded on Charge-Coupled Device Detectors― Applied Spectroscopy, 1993, 47, 2171-2172.	2.2	10
27	Spike-correction of weak signals from charge-coupled devices and its application to Raman spectroscopy. Analytical Chemistry, 1992, 64, 2575-2579.	6.5	61
28	Fourier transform infrared study of the adsorption and of reactions of acetaldehyde on dispersed silica. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 691.	1.0	12
29	Photoinduced reactions of methane with molybdena supported on silica. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 2381.	1.0	32