

Wieland Hill

List of Publications by Year in descending order

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papers

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31
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31
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31
times ranked

920
citing authors

#	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 â€œ 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] Aretettrathiol. 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

#	ARTICLE	IF	CITATIONS
19	Investigation of the Adsorption of Gaseous Aromatic Compounds at Surfaces Coated with Heptakis(6-thio-6-deoxy)- β -cyclodextrin by Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry B</i> , 1999, 103, 4707-4713.	2.6	29
20	Analysis of Odorous Vapor Exhaled from Rubber by Surface-Enhanced Raman Scattering. <i>Applied Spectroscopy</i> , 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. <i>Applied Spectroscopy</i> , 1997, 51, 74-80.	2.2	13
22	Detection of Caries and Composite Resin Restorations by Near-Infrared Raman Spectroscopy. <i>Applied Spectroscopy</i> , 1997, 51, 1265-1268.	2.2	16
23	Preliminary investigations into the interactions of herbicides with aqueous humic substances. <i>Pest Management Science</i> , 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. <i>Analytical Chemistry</i> , 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. <i>The Journal of Physical Chemistry</i> , 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". <i>Applied Spectroscopy</i> , 1993, 47, 2171-2172.	2.2	10
27	Spike-correction of weak signals from charge-coupled devices and its application to Raman spectroscopy. <i>Analytical Chemistry</i> , 1992, 64, 2575-2579.	6.5	61
28	Fourier transform infrared study of the adsorption and of reactions of acetaldehyde on dispersed silica. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 691.	1.0	12
29	Photoinduced reactions of methane with molybdena supported on silica. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1987, 83, 2381.	1.0	32