

Bernd Kampe

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

630
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

983
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture Independent Raman Spectroscopic Identification of Urinary Tract Infection Pathogens: A Proof of Principle Study. <i>Analytical Chemistry</i> , 2013, 85, 9610-9616.	6.5	133
2	Environmental selection shapes the formation of near-surface groundwater microbiomes. <i>Water Research</i> , 2020, 170, 115341.	11.3	95
3	Identification of water pathogens by Raman microspectroscopy. <i>Water Research</i> , 2014, 48, 179-189.	11.3	80
4	Inorganic salts in atmospheric particulate matter: Raman spectroscopy as an analytical tool. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 115, 697-708.	3.9	50
5	Distinction of Ecuadorian varieties of fermented cocoa beans using Raman spectroscopy. <i>Food Chemistry</i> , 2016, 211, 274-280.	8.2	44
6	Raman spectroscopic differentiation of planktonic bacteria and biofilms. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6803-6813.	3.7	43
7	Characterization of carotenoids in soil bacteria and investigation of their photodegradation by UVA radiation via resonance Raman spectroscopy. <i>Analyst</i> , 2015, 140, 4584-4593.	3.5	39
8	Raman Spectroscopic Study of Crystallization from Solutions Containing MgSO ₄ and Na ₂ SO ₄ : Raman Spectra of Double Salts. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5540-5546.	2.5	29
9	Classification and identification of pigmented cocci bacteria relevant to the soil environment via Raman spectroscopy. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19317-19325.	5.3	26
10	Insights into the Mechanism of Polymer Coating Self-Healing Using Raman Spectroscopy. <i>Applied Spectroscopy</i> , 2014, 68, 541-548.	2.2	20
11	Raman spectroscopic study of calcium mixed salts of atmospheric importance. <i>Vibrational Spectroscopy</i> , 2012, 61, 206-213.	2.2	19
12	Raman and infrared spectroscopic study of synthetic ungemachite, K ₃ Na ₈ Fe(SO ₄) ₆ (NO ₃) ₂ ·6H ₂ O. <i>Journal of Molecular Structure</i> , 2012, 1022, 147-152.	3.6	16
13	Origin of salt mixtures and mixed salts in atmospheric particulate matter. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 514-519.	2.5	14
14	Microbial community functioning during plant litter decomposition. <i>Scientific Reports</i> , 2022, 12, 7451.	3.3	12
15	Recursive feature elimination in Raman spectra with support vector machines. <i>Frontiers of Optoelectronics</i> , 2017, 10, 273-279.	3.7	7
16	The Influence of Down-Sampling Strategies on. , 2019, , .		3
17	Optimal control of coherent anti-Stokes Raman scattering image contrast. <i>Applied Physics Letters</i> , 2012, 100, 261106.	3.3	0