Michael J Kangas

List of Publications by Year
in descending order

22 papers	547 citations	932766 10 h-index	676716 22 g-index
28 all docs	28 docs citations	28 times ranked	774 citing authors

#	Article	IF	Citations
1	Comparative chemometric analysis for classification of acids and bases via a colorimetric sensor array. Journal of Chemometrics, 2018, 32, e2961.	0.7	16
2	The Identification of Seven Chemical Warfare Mimics Using a Colorimetric Array. Sensors, 2018, 18, 4291.	2.1	13
3	An Improved Comparison of Chemometric Analyses for the Identification of Acids and Bases With Colorimetric Sensor Arrays. International Journal of Chemistry, 2018, 10, 36.	0.3	9
4	Using Fluorescence Intensity of Enhanced Green Fluorescent Protein to Quantify Pseudomonas aeruginosa. Chemosensors, 2018, 6, 21.	1.8	13
5	Printed Colorimetric Arrays for the Identification and Quantification of Acids and Bases. Analytical Chemistry, 2018, 90, 9990-9996.	3.2	11
6	General Advantages and Disadvantages of the NIK Narcotic Test. Journal of Forensic Sciences & Criminal Investigation, 2018, 8, .	0.2	1
7	Colorimetric Sensor Arrays for the Detection and Identification of Chemical Weapons and Explosives. Critical Reviews in Analytical Chemistry, 2017, 47, 138-153.	1.8	162
8	A Low-Cost Imaging Method for the Temporal and Spatial Colorimetric Detection of Free Amines on Maize Root Surfaces. Frontiers in Plant Science, 2017, 8, 1513.	1.7	12
9	Phase diagram and magnetocaloric effects in aluminum doped MnNiGe alloys. Journal of Applied Physics, 2013, 114, .	1.1	45
10	Investigation of Fe incorporation in LnCr2Al20 (Ln = La, Gd, Yb) with 57Fe MÃ¶ssbauer and Single Crystal X-ray Diffraction. Inorganic Chemistry, 2013, 52, 5055-5062.	1.9	6
11	Magnetic and electrical properties of flux grown single crystals of Ln6M4Al43 (Ln=Gd, Yb; M=Cr, Mo,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	7
12	Structure and physical properties of single crystal PrCr2Al20 and CeM2Al20 (M=V, Cr): A comparison of compounds adopting the CeCr2Al20 structure type. Journal of Solid State Chemistry, 2012, 196, 274-281.	1.4	61
13	Crystal growth, structure, and physical properties of Ln2PdGa12 (Ln=La, Pr, Nd, and Sm). Journal of Alloys and Compounds, 2012, 514, 64-70.	2.8	3
14	Crystal Growth, Structure, and Physical Properties of LnCu₂(Al,Si)₅ (Ln = La) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	1
15	Synthesis, Structure, and Physical Properties ofLn(Cu,Al,Ga)13â€“x(Ln= Laâ€“Pr, and Eu) and Eu(Cu,Al)13â€“x. Inorganic Chemistry, 2012, 51, 10193-10202.	1.9	5
16	Adventures in Crystal Growth: Synthesis and Characterization of Single Crystals of Complex Intermetallic Compounds. Chemistry of Materials, 2012, 24, 409-420.	3.2	91
17	tert-Butyl (2S)-2-{3-[(R)-bis(tert-butoxycarbonyl)amino]-2-oxopiperidin-1-yl}-3-methylbutanoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3057-o3057.	0.2	0
18	Crystal growth, structure, and physical properties of Ln(Ag, Al, Si)₂(Ln = Ce and Gd). Journal of Physics Condensed Matter, 2010, 22, 426002.	0.7	4

#	Article	IF	Citations
19	Crystal Growth, Transport, and the Structural and Magnetic Properties of Ln₄FeGa₁₂ with Ln = Y, Tb, Dy, Ho, and Er. Inorganic Chemistry, 2010, 49, 445-456.	1.9	18
20	Systematic chemical recognition using shaped laser pulses. Journal of Modern Optics, 2006, 53, 2533-2541.	0.6	3
21	Influence of bandwidth and phase shaping on laser induced breakdown spectroscopy with ultrashort laser pulses. Chemical Physics Letters, 2006, 423, 197-201.	1.2	36
22	Multidimensional Analytical Method Based on Binary Phase Shaping of Femtosecond Pulses. Journal of Physical Chemistry A, 2005, 109, 2413-2416.	1.1	29