

Michael J Kangas

List of Publications by Year in descending order

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22
papers

547
citations

933447
10
h-index

677142
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. <i>Journal of Chemometrics</i> , 2018, 32, e2961.	1.3	16
2	The Identification of Seven Chemical Warfare Mimics Using a Colorimetric Array. <i>Sensors</i> , 2018, 18, 4291.	3.8	13
3	An Improved Comparison of Chemometric Analyses for the Identification of Acids and Bases With Colorimetric Sensor Arrays. <i>International Journal of Chemistry</i> , 2018, 10, 36.	0.3	9
4	Using Fluorescence Intensity of Enhanced Green Fluorescent Protein to Quantify <i>Pseudomonas aeruginosa</i> . <i>Chemosensors</i> , 2018, 6, 21.	3.6	13
5	Printed Colorimetric Arrays for the Identification and Quantification of Acids and Bases. <i>Analytical Chemistry</i> , 2018, 90, 9990-9996.	6.5	11
6	General Advantages and Disadvantages of the NIK Narcotic Test. <i>Journal of Forensic Sciences & Criminal Investigation</i> , 2018, 8, .	0.2	1
7	Colorimetric Sensor Arrays for the Detection and Identification of Chemical Weapons and Explosives. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 138-153.	3.5	162
8	A Low-Cost Imaging Method for the Temporal and Spatial Colorimetric Detection of Free Amines on Maize Root Surfaces. <i>Frontiers in Plant Science</i> , 2017, 8, 1513.	3.6	12
9	Phase diagram and magnetocaloric effects in aluminum doped MnNiGe alloys. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	45
10	Investigation of Fe incorporation in LnCr ₂ Al ₂₀ (Ln = La, Gd, Yb) with ⁵⁷ Fe Mössbauer and Single Crystal X-ray Diffraction. <i>Inorganic Chemistry</i> , 2013, 52, 5055-5062.	4.0	6
11	Magnetic and electrical properties of flux grown single crystals of Ln ₆ M ₄ Al ₄₃ (Ln=Gd, Yb; M=Cr, Mo,) <i>Tj ETQq1 1 0,784314 rgBT /Overlock 10 T</i>	2.9	7
12	Structure and physical properties of single crystal PrCr ₂ Al ₂₀ and CeM ₂ Al ₂₀ (M=V, Cr): A comparison of compounds adopting the CeCr ₂ Al ₂₀ structure type. <i>Journal of Solid State Chemistry</i> , 2012, 196, 274-281.	2.9	61
13	Crystal growth, structure, and physical properties of Ln ₂ PdGa ₁₂ (Ln=La, Pr, Nd, and Sm). <i>Journal of Alloys and Compounds</i> , 2012, 514, 64-70.	5.5	3
14	Crystal Growth, Structure, and Physical Properties of LnCu ₂ (Al,Si) ₅ (Ln = La) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	4.6	1
15	Synthesis, Structure, and Physical Properties of Ln(Cu,Al,Ga) ₁₃ (Ln= La, Pr, and Eu) and Eu(Cu,Al) ₁₃ . <i>Inorganic Chemistry</i> , 2012, 51, 10193-10202.	4.0	5
16	Adventures in Crystal Growth: Synthesis and Characterization of Single Crystals of Complex Intermetallic Compounds. <i>Chemistry of Materials</i> , 2012, 24, 409-420.	6.7	91
17	tert-Butyl (2S)-2-{3-[(R)-bis(tert-butoxycarbonyl)amino]-2-oxopiperidin-1-yl}-3-methylbutanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3057-o3057.	0.2	0
18	Crystal growth, structure, and physical properties of Ln(Ag, Al, Si) ₂ (Ln = Ce and Gd). <i>Journal of Physics Condensed Matter</i> , 2010, 22, 426002.	1.8	4

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19	Crystal Growth, Transport, and the Structural and Magnetic Properties of $\text{Ln}_{\text{4}}\text{FeGa}_{\text{12}}$ with Ln = Y, Tb, Dy, Ho, and Er. Inorganic Chemistry, 2010, 49, 445-456.	4.0	18
20	Systematic chemical recognition using shaped laser pulses. Journal of Modern Optics, 2006, 53, 2533-2541.	1.3	3
21	Influence of bandwidth and phase shaping on laser induced breakdown spectroscopy with ultrashort laser pulses. Chemical Physics Letters, 2006, 423, 197-201.	2.6	36
22	Multidimensional Analytical Method Based on Binary Phase Shaping of Femtosecond Pulses. Journal of Physical Chemistry A, 2005, 109, 2413-2416.	2.5	29