

# James R Mansfield

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11452224/publications.pdf>

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11  
papers

524  
citations

1040056

9  
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1372567

10  
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11  
all docs

11  
docs citations

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times ranked

497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Non-Invasive Screening of Skin Lesions by Near-Infrared Spectroscopy. <i>Journal of Investigative Dermatology</i> , 2001, 116, 175-181.	0.7	95
2	Near-infrared spectroscopic imaging in art conservation: investigation of drawing constituents. <i>Journal of Cultural Heritage</i> , 2003, 4, 127-136.	3.3	78
3	Hyperspectral Imaging: A New Approach to the Diagnosis of Hemorrhagic Shock. <i>Journal of Trauma</i> , 2006, 60, 1087-1095.	2.3	75
4	Near infrared spectroscopic reflectance imaging: a new tool in art conservation. <i>Vibrational Spectroscopy</i> , 2002, 28, 59-66.	2.2	70
5	Analysis of Spectroscopic Imaging Data by Fuzzy C-Means Clustering. <i>Analytical Chemistry</i> , 1997, 69, 3370-3374.	6.5	51
6	Near infrared spectroscopic reflectance imaging: supervised vs. unsupervised analysis using an art conservation application. <i>Vibrational Spectroscopy</i> , 1999, 19, 33-45.	2.2	42
7	Systemic Effects of Shock and Resuscitation Monitored by Visible Hyperspectral Imaging. <i>Diabetes Technology and Therapeutics</i> , 2003, 5, 847-855.	4.4	42
8	LDA-Guided Search Engine for the Nonsubjective Analysis of Infrared Microscopic Maps. <i>Applied Spectroscopy</i> , 1999, 53, 1323-1330.	2.2	37
9	Analysis and interpretation of infrared microscopic maps: Visualization and classification of skin components by digital staining and multivariate analysis. <i>Biospectroscopy</i> , 1999, 5, 265-275.	0.6	30
10	<title>Visible hyperspectral imaging: monitoring the systemic effects of shock and resuscitation</title>. , 2002, 4614, 159.		2
11	Spectroscopic Imaging in Art Conservation: A New Tool For Materials Investigations. <i>Leonardo</i> , 2003, 36, 304-304.	0.3	2