

Jonathan Byrne

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

151
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Purity determination of amphotericin B, colistin sulfate and tobramycin sulfate in a hydrophilic suspension by HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 7-14.	2.3	23
2	3D Reconstructions Using Unstabilized Video Footage from an Unmanned Aerial Vehicle. <i>Journal of Imaging</i> , 2017, 3, 15.	3.0	20
3	Development and validation of a novel stability-indicating HPLC method for the simultaneous assay of betamethasone-17-valerate, fusidic acid, potassium sorbate, methylparaben and propylparaben in a topical cream preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 111-117.	2.8	19
4	Structural and nodal mutation in grammatical evolution. , 2009, , .		18
5	Leveraging Deep Learning for Visual Odometry Using Optical Flow. <i>Sensors</i> , 2021, 21, 1313.	3.8	18
6	Implementing an intuitive mutation operator for interactive evolutionary 3D design. , 2010, , .		10
7	An Evaluation of Low-Cost Vision Processors for Efficient Star Identification. <i>Sensors</i> , 2020, 20, 6250.	3.8	8
8	An RP-HPLC Method for the Stability-Indicating Analysis of Impurities of Both Fusidic Acid and Betamethasone-17-Valerate in a Semi-Solid Pharmaceutical Dosage Form. <i>Journal of Chromatographic Science</i> , 2015, 53, 1498-1503.	1.4	7
9	Higher-order functions in aesthetic EC encodings. , 2010, , .		6
10	Formulation factors affecting the isomerization rate of betamethasone-17-valerate in a developmental hydrophilic cream – a HPLC and microscopy based stability study. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 537-544.	2.4	6
11	Tree Annotations in LiDAR Data Using Point Densities and Convolutional Neural Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 971-981.	6.3	6
12	Optimizing Urban LiDAR Flight Path Planning Using a Genetic Algorithm and a Dual Parallel Computing Framework. <i>Remote Sensing</i> , 2021, 13, 4437.	4.0	5
13	Analysis of constant creation techniques on the binomial-3 problem with grammatical evolution. , 2009, , .		2
14	Interactive operators for evolutionary architectural design. , 2011, , .		2
15	Polymorphism in Commercial Sources of Fusidic Acid: A Comparative Study of the In Vitro Release Characteristics of Forms I and III from a Marketed Pharmaceutical Cream. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-7.	1.6	1