Joel F Destino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1485240/publications.pdf

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22	562	840585 11	839398 18
papers	citations	h-index	g-index

22	22	22	810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Studentsâ€™ Attitudes on Remote-Flexible Instrumental Analysis Laboratory Experiments During COVID-19. Journal of Chemical Education, 2022, 99, 1820-1825.	1.1	5
2	Silica-Encapsulated Germania Colloids as 3D-Printable Glass Precursors. ACS Omega, 2022, 7, 17492-17500.	1.6	5
3	Hands-on experiences for remotely taught analytical chemistry laboratories. Analytical and Bioanalytical Chemistry, 2021, 413, 1237-1244.	1.9	13
4	At-Home Colorimetric and Absorbance-Based Analyses: An Opportunity for Inquiry-Based, Laboratory-Style Learning. Journal of Chemical Education, 2020, 97, 2960-2966.	1.1	53
5	Additive Manufacturing of Optical Quality Germaniaâ€“Silica Glasses. ACS Applied Materials & Interfaces, 2020, 12, 6736-6741.	4.0	39
6	Sapphire advanced mitigation process: wet etch to expose sub-surface damage and increase laser damage resistance and mechanical strength. Applied Optics, 2020, 59, 1602.	0.9	7
7	Influence of partial charge on the material removal rate during chemical polishing. Journal of the American Ceramic Society, 2019, 102, 1566-1578.	1.9	10
8	Subsurface mechanical damage correlations after grinding of various optical materials. Optical Engineering, 2019, 58, 1.	0.5	15
9	Predictive models for grinding & polishing of various optical materials. , 2019, , .		1
10	3D Printed Optical Quality Silica and Silicaâ€“Titania Glasses from Solâ€“Gel Feedstocks. Advanced Materials Technologies, 2018, 3, 1700323.	3.0	74
11	Predicting Nanoparticle Suspension Viscoelasticity for Multimaterial 3D Printing of Silicaâ€“Titania Glass. ACS Applied Nano Materials, 2018, 1, 4038-4044.	2.4	39
12	Silica: 3D Printed Optical Quality Silica and Silica-Titania Glasses from Sol-Gel Feedstocks (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.0	0
13	Three-Dimensional pH Mapping within Model Hybrid Xerogel Thin Films. Langmuir, 2017, 33, 4119-4128.	1.6	1
14	3Dâ€Printed Transparent Glass. Advanced Materials, 2017, 29, 1701181.	11.1	177
15	Multivariate analysis of attachment of biofouling organisms in response to material surface characteristics. Biointerphases, 2017, 12, 051003.	0.6	13
16	Robust pH-responsive group IV metal oxide functionalized porous silicon platforms. Materials Letters, 2016, 181, 47-51.	1.3	6
17	Growth mechanism of largescale MoS₂monolayer by sulfurization of MoO₃film. Materials Research Express, 2016, 3, 075009.	0.8	42
18	Hybrid Solâ€“Gel-Derived Films That Spontaneously Form Complex Surface Topographies. Langmuir, 2016, 32, 10113-10119.	1.6	2

#	Article	IF	Citations
19	Spectroscopic Characteristics of Carbon Dots (C-Dots) Derived from Carbon Fibers and Conversion to Sulfur-Bridged C-Dots Nanosheets. Applied Spectroscopy, 2015, 69, 1082-1090.	1.2	24
20	Probing Nanoscale Chemical Segregation and Surface Properties of Antifouling Hybrid Xerogel Films. Langmuir, 2015, 31, 3510-3517.	1.6	8
21	Two-Dimensional Graphene as a Matrix for MALDI Imaging Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2015, 26, 1963-1966.	1.2	24
22	Analytical Chemistry in Context. ACS Symposium Series, 0, , 83-105.	0.5	4