

# Raychelle Burks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9429702/publications.pdf>

Version: 2024-02-01

21  
papers

380  
citations

1162367

8  
h-index

839053

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric Sensor Arrays for the Detection and Identification of Chemical Weapons and Explosives. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 138-153.	1.8	162
2	Current trends in the detection of peroxide-based explosives. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 301-313.	1.9	97
3	DETECHIP <sup>®</sup> : A Sensor for Drugs of Abuse*. <i>Journal of Forensic Sciences</i> , 2010, 55, 723-727.	0.9	25
4	Applied Circular Dichroism: A Facile Spectroscopic Tool for Configurational Assignment and Determination of Enantiopurity. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-6.	0.7	17
5	Comparative chemometric analysis for classification of acids and bases via a colorimetric sensor array. <i>Journal of Chemometrics</i> , 2018, 32, e2961.	0.7	16
6	Where Science Intersects Pop Culture: An Informal Science Education Outreach Program. <i>Journal of Chemical Education</i> , 2017, 94, 1918-1924.	1.1	13
7	Printed Colorimetric Arrays for the Identification and Quantification of Acids and Bases. <i>Analytical Chemistry</i> , 2018, 90, 9990-9996.	3.2	11
8	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
9	THE RICHES OF GOLD CATALYSIS. <i>Chemical &amp; Engineering News</i> , 2007, 85, 87-91.	0.2	7
10	18-crown-6 as a class I organic modifier in MEKC. <i>Electrophoresis</i> , 2009, 30, 657-660.	1.3	4
11	Synthesis of a Fluorophore with Improved Optical Brightness. <i>International Journal of Organic Chemistry</i> , 2013, 03, 256-261.	0.3	3
12	Chemists Atwitter. <i>ACS Symposium Series</i> , 2018, , 19-34.	0.5	3
13	chewing gum. <i>Chemical &amp; Engineering News</i> , 2007, 85, 36.	0.2	2
14	DIVAS. , 2018, , .		2
15	Benzoic acid derivatives as luminescent sublimation dyes in cyanoacrylate fuming of latent fingerprints. <i>Journal of Forensic Sciences</i> , 2021, 66, 1085-1093.	0.9	2
16	Digital imaging and vision analysis in science project improves the self-efficacy and skill of undergraduate students in computational work. <i>PLoS ONE</i> , 2021, 16, e0241946.	1.1	2
17	EXTENDING PROTEIN DETECTION. <i>Chemical &amp; Engineering News</i> , 2007, 85, 14.	0.2	2
18	KEY STEP FOUND IN LATEX ALLERGY. <i>Chemical &amp; Engineering News</i> , 2007, 85, 16.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Bioaffinity Chromatography. Chromatographic Science, 2005, , 101-126.	0.1	1
20	CAGED BEAUTY. Chemical & Engineering News, 2007, 85, 9.	0.2	0
21	Building a Culture of Computing in the Sciences Using Images as Data Within a Community of Practice. Computing in Science and Engineering, 2021, 23, 67-71.	1.2	0