

Philipp R Stoessel

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

204
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

249
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Reversible DNA encapsulation in silica to produce ROS-resistant and heat-resistant synthetic DNA 'fossils'. <i>Nature Protocols</i> , 2013, 8, 2440-2448. | 12.0 | 103 |
| 2 | Labeling Milk along Its Production Chain with DNA Encapsulated in Silica. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10615-10620. | 5.2 | 28 |
| 3 | Ultrasensitive Quantification of Pesticide Contamination and Drift Using Silica Particles with Encapsulated DNA. <i>Environmental Science and Technology Letters</i> , 2016, 3, 19-23. | 8.7 | 18 |
| 4 | Porous, Water-Resistant Multifilament Yarn Spun from Gelatin. <i>Biomacromolecules</i> , 2015, 16, 1997-2005. | 5.4 | 15 |
| 5 | Fibers Mechanically Similar to Sheep Wool Obtained by Wet Spinning of Gelatin and Optional Plasticizers. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 234-241. | 3.6 | 12 |
| 6 | Spinning Angora Rabbit Wool-Like Porous Fibers from a Non-Equilibrated Gelatin/Water/2-Propanol Mixture. <i>Advanced Functional Materials</i> , 2014, 24, 1831-1839. | 14.9 | 10 |
| 7 | PCR quantification of SiO ₂ particle uptake in cells in the ppb and ppm range via silica encapsulated DNA barcodes. <i>Chemical Communications</i> , 2014, 50, 10707-10709. | 4.1 | 7 |
| 8 | Induced cyanogenesis from hydroxynitrile lyase and mandelonitrile on wheat with polylactic acid multilayer-coating produces self-defending seeds. <i>Journal of Materials Chemistry A</i> , 2014, 2, 853-858. | 10.3 | 5 |
| 9 | Micro Mirror Polymer Composite Offers Mechanically Switchable Light Transmittance. <i>Advanced Engineering Materials</i> , 2014, 16, 878-883. | 3.5 | 5 |